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United States Air Force
611th Civil Engineer Squadron

Elmendorf AFB, Alaska

Final

Remedial Investigation Report
Galena Airport and Campion Air Station

Volume 5—Appendix B, Part 3

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March 1996

ATTACHMENT B - APPENDIX B

Table B-7

Detailed Listing of Blank Results - 1993 Water Samples

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : Gasoline Range Organics							
Analyte : Gasoline Range Organics							
Type of Blank : Ambient Blank							
06/18/93	BA-03	88938	29.0	(J)	100.0	ug/L	1
06/18/93	BA-02	88937	44.0	(J)	100.0	ug/L	1
06/18/93	BA-01	88937	53.0	(J)	100.0	ug/L	1
06/22/93	BA-05	88964	42.0	(J)	100.0	ug/L	1
06/22/93	BA-04	88964	54.0	(J)	100.0	ug/L	1
06/30/93	BA-07	89008	45.0	(J)	100.0	ug/L	1
07/01/93	BA-08	89008	42.0	(J)	100.0	ug/L	1
07/01/93	BA-09	89008	42.0	(J)	100.0	ug/L	1
08/18/93	AB-01	89642	30.0	(J)	100.0	ug/L	1
08/18/93	AB-02	89642	20.0	(J)	100.0	ug/L	1
08/19/93	AB-04	89718	59.0	(J)	100.0	ug/L	1
08/19/93	AB-06	89718	39.0	(J)	100.0	ug/L	1
08/23/93	AB-03	89654	26.0	(J)	100.0	ug/L	1
09/24/93	AB-07	90018	32.0	(J)	100.0	ug/L	1
09/24/93	AB-08	90018	28.0	(J)	100.0	ug/L	1
09/24/93	AB-09	90018	20.0	(J)	100.0	ug/L	1
09/25/93	AB-10	90051	18.0	(J)	100.0	ug/L	1
09/25/93	AB-11	90051	22.0	(J)	100.0	ug/L	1
Total Number of Blanks = 18			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 100				
Method : Gasoline Range Organics							
Analyte : Gasoline Range Organics							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	89008	300.0		100.0	ug/L	1
10/10/93	08-GP-01-EB-01	90181	29.0	(J)	100.0	ug/L	1
Total Number of Blanks = 2			Concentration Range 300.0 - 300.0				
Total Number above Detection Limit = 1			Maximum Detection Limit = 100				
Method : Gasoline Range Organics							
Analyte : Gasoline Range Organics							
Type of Blank : Method Blank							
06/15/93	Method Blank	88865	24.0	(J)	100.0	ug/L	1
06/18/93	Method Blank	88937	27.0	(J)	100.0	ug/L	1
06/18/93	Method Blank	88938	31.0	(J)	100.0	ug/L	1
06/22/93	Method Blank	88964	38.0	(J)	100.0	ug/L	1
06/30/93	Method Blank	89008	40.0	(J)	100.0	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : Gasoline Range Organics							
Analyte : Gasoline Range Organics, cont.							
Type of Blank : Method Blank							
08/04/93	Method Blank	89475	38.0	(J)	100.0	ug/L	1
08/17/93	Method Blank	89601	0.00	(J)	100.0	ug/L	1
08/18/93	Method Blank	89642	0.00	(J)	100.0	ug/L	1
08/18/93	Method Blank	89642	20.0	(J)	100.0	ug/L	1
08/19/93	Method Blank	89718	0.00	(J)	100.0	ug/L	1
08/19/93	Method Blank	89718	32.0	(J)	100.0	ug/L	1
08/23/93	Method Blank	89654	0.00	(J)	100.0	ug/L	1
08/23/93	Method Blank	89654	22.0	(J)	100.0	ug/L	1
09/21/93	Method Blank	89999	21.0	(J)	100.0	ug/L	1
09/24/93	Method Blank	90018	30.0	(J)	100.0	ug/L	1
09/25/93	Method Blank	90051	34.0	(J)	100.0	ug/L	1
10/09/93	Method Blank	90168	25.0	(J)	100.0	ug/L	1
10/10/93	Method Blank	90181	25.0	(J)	100.0	ug/L	1
Total Number of Blanks = 18			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 100				
Method : Gasoline Range Organics							
Analyte : Gasoline Range Organics							
Type of Blank : Trip Blank							
06/15/93	BT-01	88865	24.0	(J)	100.0	ug/L	1
06/18/93	BT-05	88938	23.0	(J)	100.0	ug/L	1
06/18/93	BT-03	88937	33.0	(J)	100.0	ug/L	1
06/22/93	BT-06	88964	36.0	(J)	100.0	ug/L	1
06/30/93	BT-09	89008	45.0	(J)	100.0	ug/L	1
08/04/93	BT-11	89475	30.0	(J)	100.0	ug/L	1
08/17/93	TB-01-02	89601	26.0	(J)	100.0	ug/L	1
08/17/93	TB-04-02	89718	38.0	(J)	100.0	ug/L	1
08/19/93	TB-06-02	89718	34.0	(J)	100.0	ug/L	1
09/21/93	TB-07-02	89999	28.0	(J)	100.0	ug/L	1
09/24/93	TB-09-02	90018	24.0	(J)	100.0	ug/L	1
09/25/93	TB-11-02	90051	26.0	(J)	100.0	ug/L	1
Total Number of Blanks = 12			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 100				
Method : Diesel Range Organics							
Analyte : Diesel Range Organics							
Type of Blank : Equipment Blank							

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : Diesel Range Organics							
Analyte : Diesel Range Organics, cont.							
Type of Blank : Equipment Blank							
06/28/93	04-MW-01-EB-03	89008	9.0	(J)	200.0	ug/L	1
10/11/93	08-GP-01-EB-01	90181	38.0	(J)	200.0	ug/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 200				
Method : Diesel Range Organics							
Analyte : Diesel Range Organics							
Type of Blank : Method Blank							
06/16/93	Method Blank	88865	3.0	(J)	20.0	ug/L	1
06/17/93	Method Blank	88937	9.0	(J)	20.0	ug/L	1
06/17/93	Method Blank	88938	9.0	(J)	20.0	ug/L	1
06/22/93	Method Blank	88964	4.0		20.0	ug/L	1
06/28/93	Method Blank	89008	5.0	(J)	20.0	ug/L	1
08/05/93	Method Blank	89475	0.00		20.0	ug/L	1
08/23/93	Method Blank	89654	0.00	(J)	20.0	ug/L	1
09/22/93	Method Blank	89999	10.0	(J)	20.0	ug/L	1
09/23/93	Method Blank	90051	10.0	(J)	20.0	ug/L	1
09/23/93	Method Blank	90018	10.0	(J)	20.0	ug/L	1
10/07/93	Method Blank	90168	7.0	(J)	20.0	ug/L	1
10/11/93	Method Blank	90181	10.0	(J)	20.0	ug/L	1
10/11/93	Method Blank	90182	10.0	(J)	20.0	ug/L	1
Total Number of Blanks = 13			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 20				
Method : E160.1 - Residue, Filterable (TDS)							
Analyte : Total dissolved solids							
Type of Blank : Method Blank							
06/14/93	BLK93606	WLTDS_306141600	6.0	(J)	10.0	mg/L	1
06/16/93	BLK93645	WLTDS_306161600	7.0	(J)	10.0	mg/L	1
06/18/93	BLK93690	WLTDS_306181600	8.0	(J)	10.0	mg/L	1
06/23/93	BLK93770	WLTDS_306231400	3.0	(J)	10.0	mg/L	1
08/03/93	BLK931703	WLTDS_308031200	6.0	(J)	8.7	mg/L	1
08/17/93	BLK932086	WLTDS_308171200	5.0	(J)	8.7	mg/L	1
09/17/93	BLK932679	WLTDS_309170300	ND		8.7	mg/L	1
09/20/93	BLK932800	WLTDS_309200800	< DL		8.7	mg/L	1
09/23/93	BLK932852	WLTDS_309231200	< DL		8.7	mg/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : E160.1 - Residue, Filterable (TDS)							
Analyte : Total dissolved solids, cont.							
Type of Blank : Method Blank							
	Total Number of Blanks = 9				Concentration Range NC		
	Total Number above Detection Limit = 0				Maximum Detection Limit = 10		
Method : E160.2 - Residue, Non-Filterable							
Analyte : Total suspended solids							
Type of Blank : Method Blank							
09/17/93	BLK932678	WLTSS_309170300	ND		7.9	mg/L	1
09/20/93	BLK932801	WLTSS_309200800	< DL		7.9	mg/L	1
09/23/93	BLK932852	WLTSS_309231200	ND		7.9	mg/L	1
	Total Number of Blanks = 3				Concentration Range NC		
	Total Number above Detection Limit = 0				Maximum Detection Limit = 7.9		
Method : E300 - Anions							
Analyte : Chloride							
Type of Blank : Method Blank							
06/23/93	BLK93812	WLICXC306231300	0.00	(J)	0.020	mg/L	1
09/25/93	BLK932945	WLICXC309251400	0.00	(J)	0.020	mg/L	1
	Total Number of Blanks = 2				Concentration Range NC		
	Total Number above Detection Limit = 0				Maximum Detection Limit = 0.02		
Method : E300 - Anions							
Analyte : Sulfate							
Type of Blank : Method Blank							
06/23/93	BLK93812	WLICXS306231300	0.00	(J)	0.060	mg/L	1
09/25/93	BLK932938	WLICXS309251300	0.00	(J)	0.060	mg/L	1
	Total Number of Blanks = 2				Concentration Range NC		
	Total Number above Detection Limit = 0				Maximum Detection Limit = 0.06		

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : E353.1 - Nitrate-Nitrite							
Analyte : Nitrate-Nitrite as N							
Type of Blank : Method Blank							
06/30/93	BLK93911	WLTRAC306301700	0.0019	(J)	0.010	mg/L	1
10/08/93	BLK933077	WLTRAC310081900	0.00	(J)	0.010	mg/L	1
10/11/93	BLK933082	WLTRAC310111600	0.0014	(J)	0.010	mg/L	1
10/12/93	BLK933128	WLTRAC310121900	0.000100	(J)	0.010	mg/L	1
Total Number of Blanks = 4					Concentration Range NC		
Total Number above Detection Limit = 0					Maximum Detection Limit = 0.01		
Method : SW6010 - Metals							
Analyte : Aluminum							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.097		0.028	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.014	(J)	0.028	mg/L	1
Total Number of Blanks = 2					Concentration Range 0.097 - 0.097		
Total Number above Detection Limit = 1					Maximum Detection Limit = 0.0284		
Method : SW6010 - Metals							
Analyte : Aluminum							
Type of Blank : Method Blank							
06/23/93	BLK93-661	EMJA61306222200	0.028	(J)	0.028	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	0.037		0.028	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.0029	(J)	0.028	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.034		0.028	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.021	(J)	0.028	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.036		0.028	mg/L	1
09/17/93	BLK932614	EMJA61309171000	ND		0.028	mg/L	1
09/24/93	BLK932672	EMJA61309240100	-0.0023	(J)	0.028	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.012	(J)	0.028	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.018	(J)	0.028	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.0096	(J)	0.028	mg/L	1
Total Number of Blanks = 11					Concentration Range 0.034 - 0.037		
Total Number above Detection Limit = 3					Maximum Detection Limit = 0.0284		
Method : SW6010 - Metals							
Analyte : Antimony							

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.0045	(J)	0.024	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.022	(J)	0.024	mg/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0241				
Method : SW6010 - Metals							
Analyte : Antimony							
Type of Blank : Method Blank							
06/23/93	BLK93-661	EMJA61306222200	-0.0019	(J)	0.024	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	0.0029	(J)	0.024	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.0045	(J)	0.024	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.015	(J)	0.024	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.0091	(J)	0.024	mg/L	1
09/07/93	BLK932289	EMJA61309071000	-0.00001	(J)	0.024	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.013	(J)	0.024	mg/L	1
09/24/93	BLK932755	EMJA61309240100	-0.0011	(J)	0.024	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.021	(J)	0.024	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.0084	(J)	0.024	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.0071	(J)	0.024	mg/L	1
Total Number of Blanks = 11			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0241				
Method : SW6010 - Metals							
Analyte : Arsenic							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.010	(J)	0.023	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	0.0012	(J)	0.023	mg/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0225				
Method : SW6010 - Metals							
Analyte : Arsenic							
Type of Blank : Method Blank							
06/23/93	BLK93-661	EMJA61306222200	-0.0029	(J)	0.023	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	-0.0026	(J)	0.023	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.0081	(J)	0.023	mg/L	1
08/27/93	BLK932205	EMJA61308271100	-0.0011	(J)	0.023	mg/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Arsenic, cont.							
Type of Blank : Method Blank							
09/01/93	BLK932289	EMJA61309010000	0.0038	(J)	0.023	mg/L	1
09/07/93	BLK932289	EMJA61309071000	-0.019	(J)	0.023	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.0020	(J)	0.023	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.012	(J)	0.023	mg/L	1
09/24/93	BLK932672	EMJA61309240100	-0.0014	(J)	0.023	mg/L	1
09/30/93	BLK932755	EMJA61309301400	-0.00090	(J)	0.023	mg/L	1
10/05/93	BLK932764	EMJA61310051000	-0.010	(J)	0.023	mg/L	1
Total Number of Blanks = 11			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.023				
Method : SW6010 - Metals							
Analyte : Barium							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.0023		0.000530	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	0.00	(J)	0.000530	mg/L	1
Total Number of Blanks = 2			Concentration Range 0.0023 - 0.0023				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.00053				
Method : SW6010 - Metals							
Analyte : Barium							
Type of Blank : Method Blank							
06/23/93	BLK93-716	EMJA61306222200	0.000770		0.000530	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	0.000190	(J)	0.000530	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	-0.00025	(J)	0.000530	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.000920		0.000530	mg/L	1
09/01/93	BLK932289	EMJA61309010000	0.000290	(J)	0.000530	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.000700		0.000530	mg/L	1
09/17/93	BLK932614	EMJA61309171000	ND		0.000530	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.000670		0.000530	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.000810		0.000530	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.000740		0.000530	mg/L	1
10/05/93	BLK932764	EMJA61310051000	-0.00059	(J)	0.000530	mg/L	1
Total Number of Blanks = 11			Concentration Range 0.00067 - 0.00092				
Total Number above Detection Limit = 6			Maximum Detection Limit = 0.00053				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Beryllium							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	-0.00034	(J)	0.000554	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.00007	(J)	0.000554	mg/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.000554				
Method : SW6010 - Metals							
Analyte : Beryllium							
Type of Blank : Method Blank							
06/23/93	BLK93-716	EMJA61306222200	0.000130	(J)	0.000550	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	-0.00025	(J)	0.000550	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	-0.00013	(J)	0.000554	mg/L	1
08/27/93	BLK932205	EMJA61308271100	-0.00031	(J)	0.000554	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.00024	(J)	0.000554	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.000150	(J)	0.000554	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.000450	(J)	0.000554	mg/L	1
09/24/93	BLK932672	EMJA61309240100	-0.00075	(J)	0.000554	mg/L	1
09/24/93	BLK932755	EMJA61309240100	-0.00038	(J)	0.000554	mg/L	1
09/30/93	BLK932755	EMJA61309301400	-0.00055	(J)	0.000554	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.000350	(J)	0.000554	mg/L	1
Total Number of Blanks = 11			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.000554				
Method : SW6010 - Metals							
Analyte : Cadmium							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.000190	(J)	0.0017	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.0014	(J)	0.0017	mg/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00172				
Method : SW6010 - Metals							
Analyte : Cadmium							
Type of Blank : Method Blank							

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Cadmium, cont.							
Type of Blank : Method Blank							
06/23/93	BLK93-661	EMJA61306222200	0.000320	(J)	0.0017	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	-0.0021	(J)	0.0017	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	-0.00071	(J)	0.0017	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.0026		0.0017	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.0014	(J)	0.0017	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.000530	(J)	0.0017	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.000080	(J)	0.0017	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.000860	(J)	0.0017	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.000560	(J)	0.0017	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.000900	(J)	0.0017	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.0011	(J)	0.0017	mg/L	1
Total Number of Blanks = 11			Concentration Range 0.0026 - 0.0026				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.00172				
Method : SW6010 - Metals							
Analyte : Calcium							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	1.1		0.15	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	0.063	(J)	0.15	mg/L	1
Total Number of Blanks = 2			Concentration Range 1.1 - 1.1				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.148				
Method : SW6010 - Metals							
Analyte : Calcium							
Type of Blank : Method Blank							
06/23/93	BLK93-716	EMJA61306222200	0.074	(J)	0.15	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	0.064	(J)	0.15	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.018	(J)	0.15	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.060	(J)	0.15	mg/L	1
09/01/93	BLK932289	EMJA61309010000	0.040	(J)	0.15	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.047	(J)	0.15	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.0079	(J)	0.15	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.027	(J)	0.15	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.029	(J)	0.15	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.036	(J)	0.15	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.021	(J)	0.15	mg/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Calcium, cont.							
Type of Blank : Method Blank							
Total Number of Blanks = 11					Concentration Range NC		
Total Number above Detection Limit = 0					Maximum Detection Limit = 0.15		
Method : SW6010 - Metals							
Analyte : Chromium							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.000360	(J)	0.0025	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	0.0011	(J)	0.0025	mg/L	1
Total Number of Blanks = 2					Concentration Range NC		
Total Number above Detection Limit = 0					Maximum Detection Limit = 0.00249		
Method : SW6010 - Metals							
Analyte : Chromium							
Type of Blank : Method Blank							
06/23/93	BLK93-716	EMJA61306222200	-0.00078	(J)	0.0025	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	0.000880	(J)	0.0025	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.000340	(J)	0.0025	mg/L	1
08/27/93	BLK932205	EMJA61308271100	-0.0020	(J)	0.0025	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.00098	(J)	0.0025	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.0018	(J)	0.0025	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.000060	(J)	0.0025	mg/L	1
09/24/93	BLK932672	EMJA61309240100	-0.00053	(J)	0.0025	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.0027		0.0025	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.0034		0.0025	mg/L	1
10/05/93	BLK932764	EMJA61310051000	-0.0013	(J)	0.0025	mg/L	1
Total Number of Blanks = 11					Concentration Range 0.0027 - 0.0034		
Total Number above Detection Limit = 2					Maximum Detection Limit = 0.0025		
Method : SW6010 - Metals							
Analyte : Cobalt							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.000200	(J)	0.0034	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.00050	(J)	0.0034	mg/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Cobalt, cont.							
Type of Blank : Equipment Blank							
Total Number of Blanks = 2					Concentration Range NC		
Total Number above Detection Limit = 0					Maximum Detection Limit = 0.0034		
Method : SW6010 - Metals							
Analyte : Cobalt							
Type of Blank : Method Blank							
06/23/93	BLK93-716	EMJA61306222200	-0.00075	(J)	0.0034	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	-0.0019	(J)	0.0034	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	-0.0020	(J)	0.0034	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.0039		0.0034	mg/L	1
09/01/93	BLK932289	EMJA61309010000	0.0018	(J)	0.0034	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.0011	(J)	0.0034	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.0022	(J)	0.0034	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.000580	(J)	0.0034	mg/L	1
09/24/93	BLK932755	EMJA61309240100	-0.00059	(J)	0.0034	mg/L	1
09/30/93	BLK932755	EMJA61309301400	-0.00043	(J)	0.0034	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.0026	(J)	0.0034	mg/L	1
Total Number of Blanks = 11					Concentration Range 0.0039 - 0.0039		
Total Number above Detection Limit = 1					Maximum Detection Limit = 0.0034		
Method : SW6010 - Metals							
Analyte : Copper							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.000190	(J)	0.0038	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	0.0046		0.0038	mg/L	1
Total Number of Blanks = 2					Concentration Range 0.0046 - 0.0046		
Total Number above Detection Limit = 1					Maximum Detection Limit = 0.00381		
Method : SW6010 - Metals							
Analyte : Copper							
Type of Blank : Method Blank							
06/23/93	BLK93-716	EMJA61306222200	0.000920	(J)	0.0038	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	0.0094		0.0038	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.000930	(J)	0.0038	mg/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Copper, cont.							
Type of Blank : Method Blank							
08/27/93	BLK932205	EMJA61308271100	0.024		0.0038	mg/L	1
08/30/93	BLK932017	EMJA61308301200	0.018		0.0038	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.0028	(J)	0.0038	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.0050		0.0038	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.0017	(J)	0.0038	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.0034	(J)	0.0038	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.0019	(J)	0.0038	mg/L	1
09/30/93	BLK932755	EMJA61309301400	-0.00039	(J)	0.0038	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.0060		0.0038	mg/L	1
Total Number of Blanks = 12			Concentration Range 0.0050 - 0.024				
Total Number above Detection Limit = 5			Maximum Detection Limit = 0.00381				
Method : SW6010 - Metals							
Analyte : Iron							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.16		0.0060	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	0.0068		0.0060	mg/L	1
Total Number of Blanks = 2			Concentration Range 0.0068 - 0.16				
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.00596				
Method : SW6010 - Metals							
Analyte : Iron							
Type of Blank : Method Blank							
06/23/93	BLK93-661	EMJA61306222200	0.0093		0.0060	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	0.010		0.0060	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.0017	(J)	0.0060	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.0084		0.0060	mg/L	1
09/01/93	BLK932289	EMJA61309010000	0.0042	(J)	0.0060	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.0057	(J)	0.0060	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.0020	(J)	0.0060	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.0080		0.0060	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.0037	(J)	0.0060	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.0022	(J)	0.0060	mg/L	1
10/05/93	BLK932764	EMJA61310051000	-0.0048	(J)	0.0060	mg/L	1
Total Number of Blanks = 11			Concentration Range 0.0080 - 0.010				
Total Number above Detection Limit = 4			Maximum Detection Limit = 0.006				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Iron, cont.							
Type of Blank : Method Blank							
Method : SW6010 - Metals							
Analyte : Lead							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	-0.0034	(J)	0.027	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.025	(J)	0.027	mg/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.027				
Method : SW6010 - Metals							
Analyte : Lead							
Type of Blank : Method Blank							
06/23/93	BLK93-716	EMJA61306222200	0.024	(J)	0.027	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	0.000800	(J)	0.027	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.012	(J)	0.027	mg/L	1
08/27/93	BLK932205	EMJA61308271100	-0.0039	(J)	0.027	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.013	(J)	0.027	mg/L	1
09/07/93	BLK932289	EMJA61309071000	-0.0061	(J)	0.027	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.0061	(J)	0.027	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.023	(J)	0.027	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.010	(J)	0.027	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.0011	(J)	0.027	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.0030	(J)	0.027	mg/L	1
Total Number of Blanks = 11			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.027				
Method : SW6010 - Metals							
Analyte : Magnesium							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.10		0.023	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.0055	(J)	0.023	mg/L	1
Total Number of Blanks = 2			Concentration Range 0.10 - 0.10				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.0228				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Magnesium, cont.							
Type of Blank : Equipment Blank							
Method : SW6010 - Metals							
Analyte : Magnesium							
Type of Blank : Method Blank							
06/23/93	BLK93-661	EMJA61306222200	0.000490	(J)	0.023	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	-0.0076	(J)	0.023	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.013	(J)	0.023	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.0095	(J)	0.023	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.0090	(J)	0.023	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.0075	(J)	0.023	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.0092	(J)	0.023	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.020	(J)	0.023	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.029		0.023	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.0057	(J)	0.023	mg/L	1
10/05/93	BLK932764	EMJA61310051000	-0.012	(J)	0.023	mg/L	1
Total Number of Blanks = 11					Concentration Range 0.029 - 0.029		
Total Number above Detection Limit = 1					Maximum Detection Limit = 0.023		
Method : SW6010 - Metals							
Analyte : Manganese							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.0098		0.000395	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	0.0013		0.000395	mg/L	1
Total Number of Blanks = 2					Concentration Range 0.0013 - 0.0098		
Total Number above Detection Limit = 2					Maximum Detection Limit = 0.000395		
Method : SW6010 - Metals							
Analyte : Manganese							
Type of Blank : Method Blank							
06/23/93	BLK93-716	EMJA61306222200	-0.00096	(J)	0.000390	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	0.000240	(J)	0.000390	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.00	(J)	0.000395	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.000560		0.000395	mg/L	1
09/01/93	BLK932289	EMJA61309010000	0.00	(J)	0.000395	mg/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Manganese, cont.							
Type of Blank : Method Blank							
09/07/93	BLK932289	EMJA61309071000	0.00	(J)	0.000395	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.000330	(J)	0.000395	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.00	(J)	0.000395	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.000160	(J)	0.000395	mg/L	1
09/30/93	BLK932755	EMJA61309301400	-0.0011	(J)	0.000395	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.00	(J)	0.000395	mg/L	1
Total Number of Blanks = 11			Concentration Range 0.00056 - 0.00056				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.000395				
Method : SW6010 - Metals							
Analyte : Molybdenum							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	-0.0030	(J)	0.0046	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.0021	(J)	0.0046	mg/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00463				
Method : SW6010 - Metals							
Analyte : Molybdenum							
Type of Blank : Method Blank							
06/23/93	BLK93-661	EMJA61306222200	-0.0016	(J)	0.0046	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	-0.0050	(J)	0.0046	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	-0.0030	(J)	0.0046	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.0010	(J)	0.0046	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.0011	(J)	0.0046	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.0024	(J)	0.0046	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.0012	(J)	0.0046	mg/L	1
09/24/93	BLK932755	EMJA61309240100	-0.00031	(J)	0.0046	mg/L	1
09/30/93	BLK932755	EMJA61309301400	-0.0028	(J)	0.0046	mg/L	1
10/05/93	BLK932764	EMJA61310051000	-0.0040	(J)	0.0046	mg/L	1
Total Number of Blanks = 10			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00463				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Nickel							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	-0.0030	(J)	0.0099	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.00070	(J)	0.0099	mg/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00986				
Method : SW6010 - Metals							
Analyte : Nickel							
Type of Blank : Method Blank							
06/23/93	BLK93-716	EMJA61306222200	-0.0012	(J)	0.0099	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	-0.0030	(J)	0.0099	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	-0.0014	(J)	0.0099	mg/L	1
08/27/93	BLK932205	EMJA61308271100	-0.0021	(J)	0.0099	mg/L	1
09/01/93	BLK932289	EMJA61309010000	0.0051	(J)	0.0099	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.0032	(J)	0.0099	mg/L	1
09/17/93	BLK932614	EMJA61309171000	ND		0.0099	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.0020	(J)	0.0099	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.0012	(J)	0.0099	mg/L	1
09/30/93	BLK932755	EMJA61309301400	-0.0028	(J)	0.0099	mg/L	1
10/05/93	BLK932764	EMJA61310051000	-0.00014	(J)	0.0099	mg/L	1
Total Number of Blanks = 11			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0099				
Method : SW6010 - Metals							
Analyte : Potassium							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.25		0.0029	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.014	(J)	0.0029	mg/L	1
Total Number of Blanks = 2			Concentration Range 0.25 - 0.25				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.00287				
Method : SW6010 - Metals							
Analyte : Potassium							
Type of Blank : Method Blank							

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Potassium, cont.							
Type of Blank : Method Blank							
06/23/93	BLK93-661	EMJA61306222200	-0.13	(J)	0.37	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	-0.17	(J)	0.37	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.24		0.0029	mg/L	1
08/27/93	BLK932205	EMJA61308271100	-0.37	(J)	0.0029	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.083	(J)	0.0029	mg/L	1
09/07/93	BLK932289	EMJA61309071000	-0.027	(J)	0.0029	mg/L	1
09/17/93	BLK932614	EMJA61309171000	ND		0.0029	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.38		0.37	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.16	(J)	0.37	mg/L	1
09/30/93	BLK932755	EMJA61309301400	-0.043	(J)	0.37	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.014	(J)	0.37	mg/L	1
Total Number of Blanks = 11			Concentration Range 0.24 - 0.38				
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.37				
Method : SW6010 - Metals							
Analyte : Selenium							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	-0.0017	(J)	0.042	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.018	(J)	0.042	mg/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0417				
Method : SW6010 - Metals							
Analyte : Selenium							
Type of Blank : Method Blank							
06/23/93	BLK93-661	EMJA61306222200	-0.015	(J)	0.042	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	0.0054	(J)	0.042	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	-0.00036	(J)	0.042	mg/L	1
08/27/93	BLK932205	EMJA61308271100	-0.0043	(J)	0.042	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.0080	(J)	0.042	mg/L	1
09/07/93	BLK932289	EMJA61309071000	-0.0057	(J)	0.042	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.040	(J)	0.042	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.0060	(J)	0.042	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.017	(J)	0.042	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.0066	(J)	0.042	mg/L	1
10/05/93	BLK932764	EMJA61310051000	-0.030	(J)	0.042	mg/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Selenium, cont.							
Type of Blank : Method Blank							
Total Number of Blanks = 11					Concentration Range NC		
Total Number above Detection Limit = 0					Maximum Detection Limit = 0.042		
Method : SW6010 - Metals							
Analyte : Silver							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.000810	(J)	0.0049	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.0030	(J)	0.0049	mg/L	1
Total Number of Blanks = 2					Concentration Range NC		
Total Number above Detection Limit = 0					Maximum Detection Limit = 0.00492		
Method : SW6010 - Metals							
Analyte : Silver							
Type of Blank : Method Blank							
06/23/93	BLK93-716	EMJA61306222200	0.000480	(J)	0.0049	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	0.0020	(J)	0.0049	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.00	(J)	0.0049	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.0015	(J)	0.0049	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.0019	(J)	0.0049	mg/L	1
09/07/93	BLK932289	EMJA61309071000	-0.00058	(J)	0.0049	mg/L	1
09/17/93	BLK932614	EMJA61309171000	ND		0.0049	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.0023	(J)	0.0049	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.0015	(J)	0.0049	mg/L	1
09/30/93	BLK932755	EMJA61309301400	-0.00020	(J)	0.0049	mg/L	1
10/05/93	BLK932764	EMJA61310051000	-0.0027	(J)	0.0049	mg/L	1
Total Number of Blanks = 11					Concentration Range NC		
Total Number above Detection Limit = 0					Maximum Detection Limit = 0.00492		
Method : SW6010 - Metals							
Analyte : Sodium							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	1.7		0.040	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	0.060		0.040	mg/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Sodium, cont.							
Type of Blank : Equipment Blank							
Total Number of Blanks = 2					Concentration Range	0.060 - 1.7	
Total Number above Detection Limit = 2					Maximum Detection Limit = 0.0397		
Method : SW6010 - Metals							
Analyte : Sodium							
Type of Blank : Method Blank							
06/23/93	BLK93-661	EMJA61306222200	0.041		0.040	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	0.038	(J)	0.040	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.024	(J)	0.040	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.026	(J)	0.040	mg/L	1
09/01/93	BLK932289	EMJA61309010000	0.037	(J)	0.040	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.040		0.040	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.025	(J)	0.040	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.040		0.040	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.054		0.040	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.069		0.040	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.019	(J)	0.040	mg/L	1
Total Number of Blanks = 11					Concentration Range	0.040 - 0.069	
Total Number above Detection Limit = 5					Maximum Detection Limit = 0.04		
Method : SW6010 - Metals							
Analyte : Thallium							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.0092	(J)	0.017	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.0076	(J)	0.017	mg/L	1
Total Number of Blanks = 2					Concentration Range	NC	
Total Number above Detection Limit = 0					Maximum Detection Limit = 0.0172		
Method : SW6010 - Metals							
Analyte : Thallium							
Type of Blank : Method Blank							
06/23/93	BLK93-716	EMJA61306222200	-0.014	(J)	0.017	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	0.0013	(J)	0.017	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.016	(J)	0.017	mg/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Thallium, cont.							
Type of Blank : Method Blank							
08/27/93	BLK932205	EMJA61308271100	0.0042	(J)	0.017	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.0096	(J)	0.017	mg/L	1
09/07/93	BLK932289	EMJA61309071000	-0.0073	(J)	0.017	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.015	(J)	0.017	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.012	(J)	0.017	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.021		0.017	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.0022	(J)	0.017	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.0073	(J)	0.017	mg/L	1
Total Number of Blanks = 11			Concentration Range 0.021 - 0.021				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.0172				
Method : SW6010 - Metals							
Analyte : Vanadium							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	-0.00009	(J)	0.0024	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.0025	(J)	0.0024	mg/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00236				
Method : SW6010 - Metals							
Analyte : Vanadium							
Type of Blank : Method Blank							
06/23/93	BLK93-661	EMJA61306222200	-0.00035	(J)	0.0024	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	-0.0016	(J)	0.0024	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.000480	(J)	0.0024	mg/L	1
08/27/93	BLK932205	EMJA61308271100	-0.0011	(J)	0.0024	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.0029	(J)	0.0024	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.0011	(J)	0.0024	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.000130	(J)	0.0024	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.0019	(J)	0.0024	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.0017	(J)	0.0024	mg/L	1
09/30/93	BLK932755	EMJA61309301400	-0.00092	(J)	0.0024	mg/L	1
10/05/93	BLK932764	EMJA61310051000	-0.0019	(J)	0.0024	mg/L	1
Total Number of Blanks = 11			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0024				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Zinc							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.0078		0.0015	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	0.0040		0.0015	mg/L	1
Total Number of Blanks = 2			Concentration Range 0.0040 - 0.0078				
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.00153				
Method : SW6010 - Metals							
Analyte : Zinc							
Type of Blank : Method Blank							
06/23/93	BLK93-661	EMJA61306222200	0.0033		0.0015	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	0.0016		0.0015	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.000880	(J)	0.0015	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.000600	(J)	0.0015	mg/L	1
09/01/93	BLK932289	EMJA61309010000	0.0013	(J)	0.0015	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.000830	(J)	0.0015	mg/L	1
09/17/93	BLK932614	EMJA61309171000	ND		0.0015	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.0015	(J)	0.0015	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.000400	(J)	0.0015	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.000850	(J)	0.0015	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.0015		0.0015	mg/L	1
Total Number of Blanks = 11			Concentration Range 0.0015 - 0.0033				
Total Number above Detection Limit = 3			Maximum Detection Limit = 0.00153				
Method : SW7060 - Arsenic							
Analyte : Arsenic							
Type of Blank : Equipment Blank							
07/02/93	04-MW-01-EB-03	AAZ3__307020800	-0.0019	(J)	0.000657	mg/L	1
08/30/93	07-SW-07-EB-01	AAZ3__308301727	-0.0021	(J)	0.000657	mg/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.000657				
Method : SW7060 - Arsenic							
Analyte : Arsenic							
Type of Blank : Method Blank							

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW7060 - Arsenic							
Analyte : Arsenic, cont.							
Type of Blank : Method Blank							
06/30/93	BLK93771	AAZ3__306300800	-0.00090	(J)	0.000650	mg/L	1
07/02/93	BLK93785	AAZ3__307020800	-0.0025	(J)	0.000657	mg/L	1
07/02/93	BLK93805	AAZ3__307020800	-0.0021	(J)	0.000657	mg/L	1
08/16/93	BLK932018	AAZ3__308161900	-0.0014	(J)	0.000657	mg/L	1
08/30/93	9308169	AAZ3__308301727	ND		0.000657	mg/L	1
08/30/93	BLK932288	AAZ3__308301727	-0.0018	(J)	0.000657	mg/L	1
09/17/93	BLK932613	AAZ3__309171648	ND		0.000657	mg/L	1
09/21/93	BLK932673	AAZ3__309210922	ND		0.000657	mg/L	1
09/29/93	BLK932754	AAZ3__309290855	-0.0017	(J)	0.000657	mg/L	1
10/04/93	BLK932766	AAZ4__310041600	ND		0.000984	mg/L	1
Total Number of Blanks = 10					Concentration Range NC		
Total Number above Detection Limit = 0					Maximum Detection Limit = 0.000984		
Method : SW7421 - Lead							
Analyte : Lead							
Type of Blank : Equipment Blank							
07/19/93	04-MW-01-EB-03	AAZ2__307191600	0.0025		0.0011	mg/L	1
08/30/93	07-SW-07-EB-01	AAZ3__308301408	0.011		0.0011	mg/L	1
Total Number of Blanks = 2					Concentration Range 0.0025 - 0.011		
Total Number above Detection Limit = 2					Maximum Detection Limit = 0.0011		
Method : SW7421 - Lead							
Analyte : Lead							
Type of Blank : Method Blank							
06/25/93	BLK93771	AAZ2__306251600	-0.0028	(J)	0.0011	mg/L	1
07/06/93	BLK93805	AAZ2__307060800	-0.0024	(J)	0.0011	mg/L	1
07/19/93	BLK91318	AAZ2__307191600	0.0016		0.0011	mg/L	1
08/16/93	BLK932018	AAZ1__308161600	0.0029		0.000800	mg/L	1
08/30/93	BLK932288	AAZ3__308301408	-0.0014	(J)	0.0011	mg/L	1
08/30/93	BLK932288	AAZ3__308301408	ND		0.0011	mg/L	1
09/16/93	BLK932613	AAZ1__309161600	0.0020		0.000800	mg/L	1
09/20/93	BLK932613	AAZ2__309201600	0.0010	(J)	0.0011	mg/L	1
09/21/93	BLK932673	AAZ1__309211500	ND		0.000800	mg/L	1
09/28/93	BLK932754	AAZ1__309281100	0.00	(J)	0.000800	mg/L	1
10/04/93	BLK932925	AAZ1__310040900	0.000800		0.000800	mg/L	1
Total Number of Blanks = 11					Concentration Range 0.00080 - 0.0029		

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW7421 - Lead							
Analyte : Lead, cont.							
Type of Blank : Method Blank							
Total Number above Detection Limit = 4					Maximum Detection Limit = 0.0011		
Method : SW7470 - Mercury							
Analyte : Mercury							
Type of Blank : Equipment Blank							
07/01/93	04-MW-01-EB-03	AAZ4__306302300	-0.00006	(J)	0.000048	mg/L	1
09/01/93	07-SW-07-EB-01	AAZ4__309012045	0.000060		0.000048	mg/L	1
Total Number of Blanks = 2					Concentration Range 0.00006 - 0.00006		
Total Number above Detection Limit = 1					Maximum Detection Limit = 0.000048		
Method : SW7470 - Mercury							
Analyte : Mercury							
Type of Blank : Method Blank							
06/17/93	BLK93673	AAZ4__306172100	0.000020	(J)	0.000048	mg/L	1
06/22/93	BLK93720	AAZ4__306220000	-0.00010	(J)	0.000048	mg/L	1
06/24/93	BLK93795	AAZ4__306242300	0.000190		0.000048	mg/L	1
06/24/93	BLK93795	AAZ3__306242300	0.000190		0.000050	mg/L	1
06/30/93	BLK93913	AAZ4__306302300.	-0.00009	(J)	0.000048	mg/L	1
08/17/93	BLK932079	AAZ4__308162200	0.000030	(J)	0.000048	mg/L	1
08/24/93	BLK932235	AAZ4__308242100	-0.00008	(J)	0.000048	mg/L	1
09/01/93	BLK932409	AAZ4__309012045	-0.00010	(J)	0.000048	mg/L	1
09/14/93	BLK932609	AAZ4__309142145	0.000090		0.000048	mg/L	1
09/23/93	BLK932804	AAZ4__309232100	-0.00008	(J)	0.000048	mg/L	1
Total Number of Blanks = 10					Concentration Range 0.00009 - 0.00019		
Total Number above Detection Limit = 3					Maximum Detection Limit = 0.00005		
Method : SW7740 - Selenium							
Analyte : Selenium							
Type of Blank : Equipment Blank							
07/13/93	04-MW-01-EB-03	AAZ4__307130852	-0.0028	(J)	0.0014	mg/L	1
08/30/93	07-SW-07-EB-01	AAZ3__308302042	-0.0018	(J)	0.000843	mg/L	1
Total Number of Blanks = 2					Concentration Range NC		
Total Number above Detection Limit = 0					Maximum Detection Limit = 0.00144		

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW7740 - Selenium							
Analyte : Selenium, cont.							
Type of Blank : Equipment Blank							
Method : SW7740 - Selenium							
Analyte : Selenium							
Type of Blank : Method Blank							
07/08/93	BLK93771	AAZ4__307080820	-0.0021	(J)	0.0014	mg/L	1
07/08/93	BLK93771	AAZ4__307081152	-0.0019	(J)	0.0014	mg/L	1
07/09/93	BLK93771	AAZ4__307090859	-0.0014	(J)	0.0014	mg/L	1
07/13/93	BLK93776	AAZ4__307130852	-0.0014	(J)	0.0014	mg/L	1
07/14/93	BLK93805	AAZ4__307141031	-0.0014	(J)	0.0014	mg/L	1
08/23/93	BLK932018	AAZ4__308231116	-0.0011	(J)	0.0014	mg/L	1
08/30/93	BLK932288	AAZ3__308302042	ND		0.000843	mg/L	1
09/17/93	BLK932613	AAZ3__309172036	ND		0.000843	mg/L	1
10/07/93	BLK932766	AAZ3__310071600	-0.0016	(J)	0.000843	mg/L	1
10/07/93	BLK932754	AAZ3__310071045	-0.0017	(J)	0.000843	mg/L	1
10/07/93	BLK932673	AAZ3__310071045	ND		0.000843	mg/L	1
Total Number of Blanks = 11			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00144				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,1,1,2-Tetrachloroethane							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX1306141311	ND		0.022	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND		0.022	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND		0.040	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.040	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND		0.022	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND		0.040	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.040	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.040	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.022	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND		0.085	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND		0.022	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND		0.085	ug/L	1
Total Number of Blanks = 12			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0852				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1,1,2-Tetrachloroethane						
Type of Blank : Equipment Blank						
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.040	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.022	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.04			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1,1,2-Tetrachloroethane						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.040	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.022	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.022	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.029	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.022	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.040	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.022	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.040	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.022	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.040	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.029	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.085	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.029	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.022	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.022	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.085	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.085	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.022	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.043	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.085	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.022	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.029	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.022	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0852			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1,1,2-Tetrachloroethane						
Type of Blank : Trip Blank						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,1,1,2-Tetrachloroethane, cont.							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE1306091614	ND		0.040	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.040	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.022	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.022	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.040	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND		0.022	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND		0.040	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND		0.040	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.040	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.029	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.029	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.022	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND		0.085	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND		0.085	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND		0.022	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND		0.085	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND		0.022	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND		0.029	ug/L	1
Total Number of Blanks = 18			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0852				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,1,1-Trichloroethane							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX1306141311	0.26	(K)	0.15	ug/L	1
06/16/93	BA-02	GCTEX1306152237	0.35		0.15	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND		0.092	ug/L	1
06/25/93	BA-07	GCTEX1306250629	0.17		0.15	ug/L	1
06/25/93	BA-09	GCQUE1306241717	0.18		0.092	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.092	ug/L	1
06/25/93	BA-06	GCQUE1306241717	0.29		0.092	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.092	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.15	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND		0.17	ug/L	1
09/23/93	AB-07	GCTEX1309221032	0.19		0.15	ug/L	1
09/24/93	AB-09	GCJAY1309231030	0.015	(J)	0.17	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND		0.15	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND		0.15	ug/L	1
Total Number of Blanks = 14			Concentration Range 0.17 - 0.35				
Total Number above Detection Limit = 6			Maximum Detection Limit = 0.166				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,1,1-Trichloroethane, cont.							
Type of Blank : Ambient Blank							
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,1,1-Trichloroethane							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND		0.092	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND		0.15	ug/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.147				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,1,1-Trichloroethane							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE1306091614	ND		0.092	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.15	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.15	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND		0.14	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.15	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	0.23		0.092	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.15	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND		0.092	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.15	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND		0.092	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND		0.14	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND		0.17	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND		0.14	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND		0.15	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND		0.15	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND		0.17	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND		0.17	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	0.0014	(J)	0.092	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND		0.15	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND		0.17	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND		0.15	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	0.029	(J)	0.14	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND		0.15	ug/L	1
Total Number of Blanks = 23			Concentration Range 0.23 - 0.23				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.166				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,1,1-Trichloroethane, cont.							
Type of Blank : Method Blank							
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,1,1-Trichloroethane							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE1306091614	ND		0.092	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.092	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.15	ug/L	1
06/24/93	BT-06	GCQUE1306231533	0.35		0.092	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND		0.092	ug/L	1
06/25/93	BT-08	GCQUE1306241717	0.16		0.092	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.092	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.14	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.14	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.15	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND		0.17	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND		0.17	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	0.38		0.15	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND		0.15	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	0.17	(B)	0.14	ug/L	1
Total Number of Blanks = 15			Concentration Range 0.16 - 0.38				
Total Number above Detection Limit = 4			Maximum Detection Limit = 0.166				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,1,2,2-Tetrachloroethane							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX1306141311	ND		0.14	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND		0.14	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND		0.10	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND		0.14	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.10	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.10	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND		0.10	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.10	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.14	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND		0.14	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND		0.13	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND		0.14	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND		0.14	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics Analyte : 1,1,2,2-Tetrachloroethane, cont.							
Type of Blank : Ambient Blank							
09/24/93	AB-09	GCJAY1309231030	ND		0.13	ug/L	1
Total Number of Blanks = 14			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.144				
Method : SW8010 - Halogenated Volatile Organics Analyte : 1,1,2,2-Tetrachloroethane							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND		0.10	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND		0.14	ug/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.144				
Method : SW8010 - Halogenated Volatile Organics Analyte : 1,1,2,2-Tetrachloroethane							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE1306091614	ND		0.10	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.14	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.14	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND		0.043	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.14	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND		0.10	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.14	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.14	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND		0.10	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND		0.10	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND		0.043	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND		0.13	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND		0.043	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND		0.14	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND		0.14	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND		0.13	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	0.13		0.13	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	0.011	(J)	0.10	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND		0.14	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND		0.13	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND		0.14	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND		0.043	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1,2,2-Tetrachloroethane, cont.						
Type of Blank : Method Blank						
10/06/93	BLK932895	GCTEX1310061111	ND	0.14	ug/L	1
Total Number of Blanks = 23			Concentration Range 0.13 - 0.13			
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.144			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1,2,2-Tetrachloroethane						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.10	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.10	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.14	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.14	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.10	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.14	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.10	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.10	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.043	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.043	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.14	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.13	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.13	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.14	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.13	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.14	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.043	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.144			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1,2-Trichloroethane						
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND	0.045	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.045	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.10	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.045	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1,2-Trichloroethane, cont.						
Type of Blank : Ambient Blank						
06/25/93	BA-06	GCQUE1306241717	ND	0.10	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.10	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.045	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.12	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.045	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.045	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.045	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.12	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.123			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1,2-Trichloroethane						
Type of Blank : Equipment Blank						
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.10	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.045	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.1			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1,2-Trichloroethane						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.10	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.045	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.045	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.017	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.045	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.045	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.10	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.045	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.10	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.017	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.12	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.017	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.045	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.045	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1,2-Trichloroethane, cont.						
Type of Blank : Method Blank						
09/15/93	BLK932371	GCJAY1309150130	ND	0.12	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.12	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.10	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.045	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.045	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.12	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.017	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.045	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.123			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1,2-Trichloroethane						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.10	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.10	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.045	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.045	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.10	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.045	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.10	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.017	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.017	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.045	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.12	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.12	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.045	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.045	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.12	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.017	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.123			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1-Dichloroethane						
Type of Blank : Ambient Blank						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
06/15/93	BA-01	GCTEX1306141311	ND	0.022	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.022	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.048	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.048	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.048	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.048	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.022	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.048	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.022	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.067	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.022	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.022	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.067	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.022	ug/L	1

Total Number of Blanks = 14 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0666

Method : SW8010 - Halogenated Volatile Organics
Analyte : 1,1-Dichloroethane

Type of Blank : Equipment Blank

06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.048	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.022	ug/L	1

Total Number of Blanks = 2 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.048

Method : SW8010 - Halogenated Volatile Organics
Analyte : 1,1-Dichloroethane

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.048	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.022	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.022	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.073	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.022	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.048	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.022	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.022	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.048	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.048	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.073	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.067	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.073	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.022	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1-Dichloroethane, cont.						
Type of Blank : Method Blank						
08/25/93	BLK932000	GCTEX1308242018	ND	0.022	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.067	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.067	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.048	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.022	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.067	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.022	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.073	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.022	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0729			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1-Dichloroethane						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.048	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.048	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.022	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.022	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.048	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.048	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.048	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.022	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.048	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.073	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.073	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.022	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.067	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.067	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.022	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.022	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.067	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.073	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0729			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1-Dichloroethene						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND	0.11	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.11	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.10	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.11	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.10	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.10	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.11	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.050	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.11	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.11	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.050	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.11	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.112			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1-Dichloroethene						
Type of Blank : Equipment Blank						
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.10	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.11	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.112			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1-Dichloroethene						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.10	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.11	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.11	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.057	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.11	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.10	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.11	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.11	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.10	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.10	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.057	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.050	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.057	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1-Dichloroethene, cont.						
Type of Blank : Method Blank						
08/23/93	BLK931997	GCTEX1308231220	ND	0.11	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.11	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.050	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.050	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.096	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.11	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.050	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.11	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.057	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.11	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.112			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,1-Dichloroethene						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.10	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.10	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.11	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.11	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.10	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.11	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.10	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.10	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.057	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.057	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.11	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.050	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.050	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.11	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.050	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.11	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.057	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.112			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,2,3-Trichloropropane							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX1306141311	ND		0.11	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND		0.11	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND		0.12	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.12	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND		0.11	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.12	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND		0.12	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.12	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.11	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND		0.11	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND		0.11	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND		0.11	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND		0.15	ug/L	1
Total Number of Blanks = 13			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.154				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,2,3-Trichloropropane							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND		0.12	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND		0.11	ug/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.12				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,2,3-Trichloropropane							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE1306091614	0.026	(J)	0.12	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.11	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.11	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND		0.037	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.11	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND		0.12	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.11	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.11	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND		0.12	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND		0.12	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,2,3-Trichloropropane, cont.						
Type of Blank : Method Blank						
08/10/93	BLK931831	GCPEA1308101540	ND	0.037	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.15	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.037	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.11	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.11	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.15	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.15	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.12	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.11	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.11	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.15	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.037	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.11	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.154			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,2,3-Trichloropropane						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.12	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.12	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.11	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.11	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.12	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.12	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.12	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.11	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.12	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.037	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.037	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.11	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.15	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.15	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.11	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.15	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.11	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.037	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.154			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,2-Dichlorobenzene						
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND	0.095	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.095	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.17	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.17	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.17	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.17	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.095	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.17	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.095	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.095	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.089	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.095	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.095	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.089	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.17			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,2-Dichlorobenzene						
Type of Blank : Equipment Blank						
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.17	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.095	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.17			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,2-Dichlorobenzene						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.17	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.095	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.095	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.029	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.095	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.17	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.095	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.095	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.17	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,2-Dichlorobenzene, cont.							
Type of Blank : Method Blank							
06/27/93	BLK93828	GCQUE1306271713	0.013	(J)	0.17	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND		0.029	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND		0.089	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND		0.029	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND		0.095	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND		0.095	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND		0.089	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND		0.089	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND		0.17	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND		0.095	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND		0.095	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND		0.089	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND		0.029	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND		0.095	ug/L	1
Total Number of Blanks = 23			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.17				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,2-Dichlorobenzene							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE1306091614	ND		0.17	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.17	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.095	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.095	ug/L	1
06/24/93	BT-06	GCQUE1306231533	0.021	(J)	0.17	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND		0.17	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND		0.095	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND		0.17	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.17	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.029	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.029	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.095	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND		0.089	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND		0.089	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND		0.095	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND		0.095	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND		0.089	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND		0.029	ug/L	1
Total Number of Blanks = 18			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.17				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,2-Dichlorobenzene, cont.						
Type of Blank : Trip Blank						
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,2-Dichloroethane						
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND	0.082	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.082	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.054	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.054	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.054	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.054	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.082	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.080	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.082	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.082	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.082	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.080	ug/L	1
Total Number of Blanks = 12			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0823			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,2-Dichloroethane						
Type of Blank : Equipment Blank						
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.054	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.082	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0823			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,2-Dichloroethane						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.054	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.082	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.082	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.029	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,2-Dichloroethane, cont.						
Type of Blank : Method Blank						
06/21/93	BLK93697	GCTEX1306211441	ND	0.082	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.054	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.082	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.054	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.082	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.054	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.029	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.080	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.029	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.082	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.082	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.080	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.080	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.082	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.054	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.082	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.080	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.029	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.082	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0823			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,2-Dichloroethane						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.054	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.054	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.082	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.082	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.054	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.054	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.082	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.054	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.054	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.029	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.029	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.082	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.080	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.080	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.082	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.082	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,2-Dichloroethane, cont.							
Type of Blank : Trip Blank							
09/24/93	TB-10-02	GCJAY1309231030	ND		0.080	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND		0.029	ug/L	1
Total Number of Blanks = 18			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0823				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,2-Dichloropropane							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX1306141311	ND		0.023	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND		0.023	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND		0.075	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND		0.023	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.075	ug/L	1
06/25/93	BA-06	GCQUE1306241717	0.0097	(J)	0.075	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.075	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.075	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.023	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND		0.023	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND		0.046	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND		0.046	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND		0.023	ug/L	1
Total Number of Blanks = 13			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.075				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,2-Dichloropropane							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND		0.075	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND		0.023	ug/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.075				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,2-Dichloropropane							

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.075	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.023	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.023	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.032	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.023	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.023	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.075	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.075	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.023	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.075	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.032	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.046	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.032	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.023	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.023	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.046	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.046	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.075	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.023	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.023	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.046	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.032	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.023	ug/L	1

Total Number of Blanks = 23 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0751

Method : SW8010 - Halogenated Volatile Organics
Analyte : 1,2-Dichloropropane

Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.075	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.075	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.023	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.023	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.075	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.075	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.023	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.075	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.075	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.032	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.032	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.023	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.046	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.046	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.023	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.046	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,2-Dichloropropane, cont.						
Type of Blank : Trip Blank						
09/24/93	TB-11-02	GCTEX1309231506	ND	0.023	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.032	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.075			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,3-Dichlorobenzene						
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND	0.088	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.088	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.15	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.15	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.15	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.088	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.15	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.15	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.088	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.069	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.088	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.088	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.088	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.069	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.15			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,3-Dichlorobenzene						
Type of Blank : Equipment Blank						
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.15	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.088	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.15			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,3-Dichlorobenzene							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE1306091614	ND		0.15	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.088	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.088	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND		0.090	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.088	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND		0.15	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.088	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.088	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND		0.15	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND		0.15	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND		0.090	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND		0.069	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND		0.090	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND		0.088	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND		0.088	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND		0.069	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND		0.069	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND		0.088	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND		0.15	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND		0.069	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND		0.088	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND		0.090	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND		0.088	ug/L	1
Total Number of Blanks = 23			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.151				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,3-Dichlorobenzene							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE1306091614	0.0084	(J)	0.15	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.15	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.088	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.088	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.15	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND		0.15	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND		0.088	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND		0.15	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.15	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.090	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.090	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.088	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,3-Dichlorobenzene, cont.							
Type of Blank : Trip Blank							
09/15/93	TB-07-02	GCJAY1309150130	ND		0.069	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND		0.069	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND		0.088	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND		0.088	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND		0.069	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND		0.090	ug/L	1
Total Number of Blanks = 18			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.15				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,4-Dichlorobenzene							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX1306141311	ND		0.091	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND		0.091	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND		0.19	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.19	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND		0.091	ug/L	1
06/25/93	BA-08	GCQUE1306241717	0.0056	(J)	0.19	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND		0.19	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.19	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.091	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND		0.055	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND		0.091	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND		0.091	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND		0.055	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND		0.091	ug/L	1
Total Number of Blanks = 14			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.19				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,4-Dichlorobenzene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND		0.19	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND		0.091	ug/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.19				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,4-Dichlorobenzene, cont.							
Type of Blank : Equipment Blank							
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,4-Dichlorobenzene							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE1306091614	ND		0.19	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.091	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.091	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND		0.032	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.091	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND		0.19	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.091	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.091	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND		0.19	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND		0.19	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND		0.032	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND		0.055	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND		0.032	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND		0.091	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND		0.091	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND		0.055	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND		0.055	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND		0.091	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	0.037	(J)	0.20	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND		0.055	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND		0.091	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND		0.032	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND		0.091	ug/L	1
Total Number of Blanks = 23			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.195				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1,4-Dichlorobenzene							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE1306091614	0.0090	(J)	0.19	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.19	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.091	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.091	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.19	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1,4-Dichlorobenzene, cont.						
Type of Blank : Trip Blank						
06/25/93	BT-10	GCQUE1306241717	ND	0.19	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.091	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.19	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.19	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.032	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.032	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.091	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.055	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.055	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.091	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.091	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.055	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.032	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.19			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1-Chlorohexane						
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND	0.040	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.040	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.12	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.12	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.12	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.12	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.040	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.12	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.040	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.15	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.040	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.040	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.15	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.040	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.154			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1-Chlorohexane						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND		0.12	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND		0.040	ug/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.12				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1-Chlorohexane							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE1306091614	ND		0.12	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.040	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.040	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND		0.096	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.040	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND		0.12	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.040	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND		0.12	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.040	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND		0.12	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND		0.096	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	0.017	(J)	0.15	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND		0.096	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND		0.040	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND		0.040	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND		0.15	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND		0.15	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND		0.12	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND		0.040	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND		0.15	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND		0.040	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND		0.096	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND		0.040	ug/L	1
Total Number of Blanks = 23			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.154				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : 1-Chlorohexane							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE1306091614	ND		0.12	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.12	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.040	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.040	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 1-Chlorohexane, cont.						
Type of Blank : Trip Blank						
06/24/93	BT-06	GCQUE1306231533	ND	0.12	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.040	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.12	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.12	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.12	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.096	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.096	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.040	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.15	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.15	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.040	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.15	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.040	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.096	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.154			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 2-Chloroethyl vinyl ether						
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND	0.10	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.10	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.17	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.17	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.17	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.17	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.10	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.17	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.10	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.10	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.19	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.19	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.10	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.10	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.194			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 2-Chloroethyl vinyl ether						
Type of Blank : Equipment Blank						
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.17	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.10	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.17			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 2-Chloroethyl vinyl ether						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.17	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.10	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.10	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.028	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.10	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.10	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.17	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.10	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.17	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.17	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.028	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.19	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.028	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.10	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.10	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.19	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.19	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.17	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.10	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.19	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.10	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.028	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.10	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.194			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 2-Chloroethyl vinyl ether						
Type of Blank : Trip Blank						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : 2-Chloroethyl vinyl ether, cont.						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.17	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.17	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.10	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.10	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.17	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.17	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.10	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.17	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.17	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.028	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.028	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.10	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.19	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.19	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.10	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.10	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.19	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.028	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.194			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Bromobenzene						
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND	0.045	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.045	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.53	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.53	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.53	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.045	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.53	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.53	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.045	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.045	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.13	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.13	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.045	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.045	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.53			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Bromobenzene, cont.						
Type of Blank : Ambient Blank						
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Bromobenzene						
Type of Blank : Equipment Blank						
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.53	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.045	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.53			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Bromobenzene						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.53	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.045	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.045	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.069	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.045	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.045	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.53	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.045	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.53	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.53	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.069	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.13	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.069	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.045	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.045	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.13	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.13	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.045	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.53	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.13	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.045	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.069	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.045	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.53			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Bromobenzene, cont.							
Type of Blank : Method Blank							
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Bromobenzene							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE1306091614	ND		0.53	ug/L	1
06/10/93	BT-02	GCQUE1306091614	0.54	(T)	0.53	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.045	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.045	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.53	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND		0.53	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND		0.045	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND		0.53	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.53	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.069	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.069	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.045	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND		0.13	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND		0.13	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND		0.045	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND		0.045	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND		0.13	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND		0.069	ug/L	1
Total Number of Blanks = 18			Concentration Range 0.54 - 0.54				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.53				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Bromodichloromethane							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX1306141311	ND		0.089	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND		0.089	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND		0.068	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND		0.089	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.068	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND		0.068	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.068	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.068	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.089	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND		0.045	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Bromodichloromethane, cont.						
Type of Blank : Ambient Blank						
09/23/93	AB-07	GCTEX1309221032	ND	0.089	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.045	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.089	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.089	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.089			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Bromodichloromethane						
Type of Blank : Equipment Blank						
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.068	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.089	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0886			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Bromodichloromethane						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.068	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.089	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.089	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.015	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.089	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.068	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.089	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.068	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.089	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.068	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.015	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.045	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.015	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.089	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.089	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.045	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.045	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.068	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.089	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Bromodichloromethane, cont.						
Type of Blank : Method Blank						
09/23/93	BLK932687	GCJAY1309231030	ND	0.045	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.089	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.015	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.089	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.089			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Bromodichloromethane						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.068	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.068	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.089	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.089	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.068	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.089	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.068	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.068	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.068	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.015	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.015	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.089	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.045	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.045	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.089	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.045	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.089	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.015	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.089			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Bromomethane						
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND	0.086	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.086	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.056	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Bromomethane, cont.							
Type of Blank : Ambient Blank							
06/25/93	BA-06	GCQUE1306241717	ND		0.056	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.056	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.056	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND		0.086	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.056	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.086	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND		0.25	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND		0.086	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND		0.086	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND		0.25	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND		0.086	ug/L	1
Total Number of Blanks = 14			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.252				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Bromomethane							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND		0.056	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND		0.086	ug/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0858				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Bromomethane							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE1306091614	ND		0.056	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.086	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.086	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND		0.16	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.086	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND		0.056	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.086	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND		0.056	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.086	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND		0.056	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND		0.16	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	0.10	(J)	0.25	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Bromomethane, cont.						
Type of Blank : Method Blank						
08/16/93	BLK931977	GCPEA1308161047	ND	0.16	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.086	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.086	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.25	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.25	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.086	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.056	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.086	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.25	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.16	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.086	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.252			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Bromomethane						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.056	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.056	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.086	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.086	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.056	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.056	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.056	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.086	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.056	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.16	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.16	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.086	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.25	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.25	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.086	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.086	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.25	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.16	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.252			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Carbon tetrachloride						
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND	0.085	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.085	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.11	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.11	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.085	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.11	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.11	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.11	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.069	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.085	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.085	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.085	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.069	ug/L	1
Total Number of Blanks = 13			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.11			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Carbon tetrachloride						
Type of Blank : Equipment Blank						
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.085	ug/L	1
Total Number of Blanks = 1			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0854			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Carbon tetrachloride						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.11	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.085	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.085	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.044	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.085	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.11	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.085	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.085	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.11	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.11	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.044	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Carbon tetrachloride, cont.						
Type of Blank : Method Blank						
08/11/93	BLK931834	GCJAY1308111427	ND	0.069	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.044	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.085	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.085	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.069	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.069	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.11	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.085	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.085	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.069	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.044	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.085	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.11			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Carbon tetrachloride						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.11	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.11	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.085	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.085	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.11	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.085	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.11	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.11	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.044	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.044	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.085	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.069	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.069	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.085	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.085	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.069	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.044	ug/L	1
Total Number of Blanks = 17			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.11			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Chlorobenzene						
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND	0.12	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.12	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.14	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.12	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.14	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.12	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.051	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.12	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.12	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.12	ug/L	1
09/24/93	AB-09	GCJAY1309231030	0.20	0.051	ug/L	1
Total Number of Blanks = 14			Concentration Range 0.20 - 0.20			
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.14			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Chlorobenzene						
Type of Blank : Equipment Blank						
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.12	ug/L	1
Total Number of Blanks = 1			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.124			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Chlorobenzene						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.14	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.12	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.12	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.030	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.12	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.12	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.14	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.12	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.14	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.14	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Chlorobenzene, cont.							
Type of Blank : Method Blank							
08/10/93	BLK931831	GCPEA1308101540	ND		0.030	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND		0.051	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND		0.030	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND		0.12	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND		0.12	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND		0.051	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND		0.051	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND		0.14	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND		0.12	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND		0.051	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND		0.12	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND		0.030	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND		0.12	ug/L	1
Total Number of Blanks = 23			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.14				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Chlorobenzene							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE1306091614	ND		0.14	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.14	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.12	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.12	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.14	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND		0.12	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND		0.14	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND		0.14	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.14	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.030	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.030	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.12	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	0.010	(J)	0.051	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND		0.051	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND		0.12	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND		0.12	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND		0.051	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND		0.030	ug/L	1
Total Number of Blanks = 18			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.14				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Chloroethane							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX1306141311	ND		0.080	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND		0.080	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND		0.11	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.11	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.11	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND		0.080	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND		0.11	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.11	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.080	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND		0.080	ug/L	1
09/23/93	AB-08	GCJAY1309231030	0.019	(KJ)	0.12	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND		0.080	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND		0.12	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND		0.080	ug/L	1
Total Number of Blanks = 14			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.115				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Chloroethane							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND		0.11	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND		0.080	ug/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.11				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Chloroethane							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE1306091614	ND		0.11	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.080	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.080	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND		0.050	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.080	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.080	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND		0.11	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND		0.11	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.080	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Chloroethane, cont.						
Type of Blank : Method Blank						
06/27/93	BLK93828	GCQUE1306271713	ND	0.11	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.050	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.12	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.050	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.080	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.080	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.12	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.12	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.080	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.11	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.12	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.080	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.050	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.080	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.115			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Chloroethane						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.11	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.11	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.080	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.080	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.11	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.080	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.11	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.11	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.11	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.050	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.050	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.080	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.12	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.12	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.080	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.080	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.12	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.050	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.115			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Chloroethane, cont.						
Type of Blank : Trip Blank						
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Chloroform						
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	0.70	0.026	ug/L	1
06/16/93	BA-02	GCTEX1306152237	0.97	0.026	ug/L	1
06/24/93	BA-04	GCQUE1306231533	1.1	0.085	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.085	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.085	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.026	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.085	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.085	ug/L	1
08/24/93	AB-06	GCTEX1308231220	0.89	0.026	ug/L	1
09/23/93	AB-08	GCJAY1309231030	2.2	0.053	ug/L	1
09/23/93	AB-07	GCTEX1309221032	0.87	0.026	ug/L	1
09/24/93	AB-11	GCTEX1309231506	1.9	0.026	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.053	ug/L	1
09/24/93	AB-10	GCTEX1309231506	2.0	0.026	ug/L	1
Total Number of Blanks = 14			Concentration Range	0.70 -	2.2	
Total Number above Detection Limit = 8			Maximum Detection Limit = 0.085			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Chloroform						
Type of Blank : Equipment Blank						
06/30/93	04-MW-01-EB-03	GCQUE1306291223	1.1	0.085	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	1.9	0.026	ug/L	1
Total Number of Blanks = 2			Concentration Range	1.1 -	1.9	
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.085			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Chloroform						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.085	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.026	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Chloroform, cont.						
Type of Blank : Method Blank						
06/16/93	BLK93548	GCTEX1306152237	ND	0.026	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.051	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.026	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.026	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.085	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.026	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.085	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.085	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.051	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.053	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.051	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.026	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.026	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.053	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.053	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.085	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.026	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.026	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.053	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.051	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.026	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.085			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Chloroform						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.085	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.085	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.026	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.026	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.085	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.085	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.085	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.026	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.085	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.051	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.051	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.026	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.053	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.053	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Chloroform, cont.						
Type of Blank : Trip Blank						
09/23/93	TB-09-02	GCTEX1309221032	ND	0.026	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.026	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.051	ug/L	1
Total Number of Blanks = 17			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.085			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Chloromethane						
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND	0.15	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.15	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.15	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.15	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.15	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.15	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.15	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.15	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.15	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.17	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.15	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.15	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.15	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.17	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.172			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Chloromethane						
Type of Blank : Equipment Blank						
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.15	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.15	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.151			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Chloromethane							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE1306091614	ND		0.15	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.15	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.15	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND		0.021	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.15	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND		0.15	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.15	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.15	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND		0.15	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	0.0034	(J)	0.15	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND		0.021	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND		0.17	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND		0.021	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND		0.15	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND		0.15	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND		0.17	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND		0.17	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND		0.15	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND		0.15	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND		0.15	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND		0.17	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	0.022		0.021	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	< DL		0.15	ug/L	1

Total Number of Blanks = 23 Concentration Range 0.022 - 0.022
Total Number above Detection Limit = 1 Maximum Detection Limit = 0.172

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Chloromethane							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE1306091614	ND		0.15	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.15	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.15	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.15	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.15	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND		0.15	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND		0.15	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND		0.15	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.15	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.021	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.021	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.15	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Chloromethane, cont.							
Type of Blank : Trip Blank							
09/15/93	TB-07-02	GCJAY1309150130	ND		0.17	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	0.055	(J)	0.17	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND		0.15	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND		0.17	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	0.022	(J)	0.15	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	0.021	(BJ)	0.021	ug/L	1
Total Number of Blanks = 18			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.172				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Dibromochloromethane							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX1306141311	ND		0.082	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND		0.082	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND		0.17	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.17	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.17	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND		0.17	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND		0.082	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.17	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.082	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND		0.11	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND		0.082	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND		0.082	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND		0.082	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND		0.11	ug/L	1
Total Number of Blanks = 14			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.17				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Dibromochloromethane							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND		0.17	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND		0.082	ug/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.17				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

Method : SW8010 - Halogenated Volatile Organics
Analyte : Dibromochloromethane, cont.

Type of Blank : Equipment Blank

Method : SW8010 - Halogenated Volatile Organics
Analyte : Dibromochloromethane

Type of Blank : Method Blank

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
06/09/93	BLK93460	GCQUE1306091614	ND		0.17	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.082	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.082	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND		0.010	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.082	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND		0.17	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.082	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.082	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	0.031	(J)	0.17	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND		0.17	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND		0.010	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND		0.11	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND		0.010	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND		0.082	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND		0.082	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND		0.11	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND		0.11	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND		0.17	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND		0.082	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND		0.082	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND		0.11	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND		0.010	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND		0.082	ug/L	1

Total Number of Blanks = 23 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.174

Method : SW8010 - Halogenated Volatile Organics
Analyte : Dibromochloromethane

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND		0.17	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.17	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.082	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.082	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.17	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Dibromochloromethane, cont.						
Type of Blank : Trip Blank						
06/25/93	BT-09	GCTEX1306250629	ND	0.082	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.17	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.17	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.17	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.010	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.010	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.082	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.11	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.11	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.082	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.11	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.082	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.010	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.17			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Dibromomethane						
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND	0.074	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.074	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.14	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.074	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.14	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.074	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.12	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.074	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.12	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.074	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.074	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.14			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Dibromomethane						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND		0.14	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND		0.074	ug/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.14				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Dibromomethane							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE1306091614	ND		0.14	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.074	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.074	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND		0.094	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.074	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND		0.14	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.074	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.074	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND		0.14	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	0.25		0.14	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND		0.094	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND		0.12	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND		0.094	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND		0.074	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND		0.074	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND		0.12	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	0.40		0.12	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND		0.14	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND		0.074	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND		0.12	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND		0.074	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND		0.094	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND		0.074	ug/L	1
Total Number of Blanks = 23			Concentration Range 0.25 - 0.40				
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.14				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Dibromomethane							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE1306091614	ND		0.14	ug/L	1
06/10/93	BT-02	GCQUE1306091614	0.45	(T)	0.14	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.074	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.074	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Dibromomethane, cont.							
Type of Blank : Trip Blank							
06/24/93	BT-06	GCQUE1306231533	ND		0.14	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND		0.074	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND		0.14	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND		0.14	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.14	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.094	ug/L	1
08/17/93	BT-12	GCPEA1308161047	0.58		0.094	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.074	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND		0.12	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND		0.12	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND		0.074	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND		0.12	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND		0.074	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND		0.094	ug/L	1
Total Number of Blanks = 18			Concentration Range 0.45 - 0.58				
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.14				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Methylene chloride							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX1306141311	6.8	(B)	0.084	ug/L	1
06/16/93	BA-02	GCTEX1306152237	4.5	(B)	0.084	ug/L	1
06/24/93	BA-04	GCQUE1306231533	1.4		0.22	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND		0.22	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.22	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.22	ug/L	1
06/28/93	BA-05	GCQUE1306271713	0.0075	(P)	0.22	ug/L	1
08/24/93	AB-06	GCTEX1308231220	3.3	(B)	0.084	ug/L	1
09/23/93	AB-07	GCTEX1309221032	3.4	(B)	0.084	ug/L	1
09/23/93	AB-08	GCJAY1309231030	2.4		0.056	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND		0.056	ug/L	1
09/24/93	AB-10	GCTEX1309231506	2.8	(B)	0.084	ug/L	1
09/24/93	AB-11	GCTEX1309231506	3.1	(B)	0.084	ug/L	1
Total Number of Blanks = 13			Concentration Range 1.4 - 6.8				
Total Number above Detection Limit = 8			Maximum Detection Limit = 0.22				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Methylene chloride							

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	GCQUE1306291223	0.90		0.22	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	1.9	(B)	0.084	ug/L	1
Total Number of Blanks = 2			Concentration Range 0.90 - 1.9				
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.22				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Methylene chloride							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE1306091614	ND		0.22	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	0.40		0.084	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	0.62		0.084	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND		0.043	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	0.46		0.084	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND		0.22	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	0.70		0.084	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND		0.22	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	0.84		0.084	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND		0.22	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	0.42		0.043	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	0.23		0.056	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	0.25		0.043	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	0.32		0.084	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	0.48		0.084	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND		0.056	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	0.040	(J)	0.056	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	0.080	(J)	0.22	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	0.19		0.084	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND		0.056	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	0.19		0.084	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	0.13		0.043	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	0.13		0.084	ug/L	1
Total Number of Blanks = 23			Concentration Range 0.13 - 0.84				
Total Number above Detection Limit = 14			Maximum Detection Limit = 0.22				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Methylene chloride							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE1306091614	ND		0.22	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.22	ug/L	1
06/14/93	BT-03	GCTEX1306141311	0.45	(PB)	0.084	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.22	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Methylene chloride, cont.							
Type of Blank : Trip Blank							
06/25/93	BT-08	GCQUE1306241717	ND		0.22	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND		0.22	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.22	ug/L	1
08/11/93	BT-11	GCPEA1308101540	0.17	(B)	0.043	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.043	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	0.92	(TB)	0.084	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	0.24		0.056	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	0.68	(TB)	0.056	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	0.33	(B)	0.084	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND		0.084	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	0.41	(TB)	0.043	ug/L	1
Total Number of Blanks = 15			Concentration Range 0.17 - 0.92				
Total Number above Detection Limit = 7			Maximum Detection Limit = 0.22				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Tetrachloroethene							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX1306141311	ND		0.075	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND		0.075	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.10	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND		0.10	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND		0.075	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.10	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.10	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.075	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND		0.075	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND		0.076	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND		0.076	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND		0.075	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND		0.075	ug/L	1
Total Number of Blanks = 13			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.1				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Tetrachloroethene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND		0.10	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Tetrachloroethene, cont.						
Type of Blank : Equipment Blank						
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.075	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.1			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Tetrachloroethene						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.10	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.075	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.075	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.038	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.075	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.10	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.075	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.075	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.10	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.038	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.076	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.038	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.075	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.075	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.076	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.076	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.10	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.075	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.076	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.075	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.038	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.075	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.101			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Tetrachloroethene						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.10	ug/L	1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable NA = Not Applicable

* - Value considered suspect, refer to QC report

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics Analyte : Tetrachloroethene, cont.							
Type of Blank : Trip Blank							
06/10/93	BT-02	GCQUE1306091614	ND		0.10	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.075	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.075	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.10	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND		0.10	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND		0.075	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND		0.10	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.10	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.038	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.038	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.075	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND		0.076	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND		0.076	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND		0.075	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	0.034	(J)	0.076	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND		0.075	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND		0.038	ug/L	1
Total Number of Blanks = 18			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.1				
Method : SW8010 - Halogenated Volatile Organics Analyte : Tribromomethane(Bromoform)							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX1306141311	ND		0.094	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND		0.094	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND		0.14	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.14	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.14	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND		0.094	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND		0.14	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.14	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.094	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND		0.094	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND		0.028	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND		0.094	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND		0.028	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND		0.094	ug/L	1
Total Number of Blanks = 14			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.14				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Tribromomethane(Bromoform)							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND		0.14	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND		0.094	ug/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.14				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Tribromomethane(Bromoform)							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE1306091614	ND		0.14	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.094	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.094	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	0.031	(J)	0.25	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.094	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.094	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND		0.14	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.094	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	0.094	(J)	0.14	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND		0.14	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND		0.25	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND		0.028	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND		0.25	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND		0.094	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND		0.094	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND		0.028	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND		0.028	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND		0.094	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND		0.14	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND		0.028	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND		0.094	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND		0.25	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND		0.094	ug/L	1
Total Number of Blanks = 23			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.252				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Tribromomethane(Bromoform)							
Type of Blank : Trip Blank							

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Tribromomethane(Bromoform), cont.						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	0.30	0.14	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.14	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.094	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.094	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.14	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.094	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.14	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.14	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.25	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.25	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.094	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.028	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.028	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.094	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.028	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.094	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.25	ug/L	1
Total Number of Blanks = 18			Concentration Range 0.30 - 0.30			
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.252			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Trichloroethene						
Type of Blank : Ambient Blank						
06/16/93	BA-02	GCTEX1306152237	ND	0.073	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.11	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.073	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.11	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.11	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.11	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.073	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.073	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.10	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.073	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.073	ug/L	1
Total Number of Blanks = 11			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.11			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Trichloroethene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND		0.11	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND		0.073	ug/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.11				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Trichloroethene							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE1306091614	ND		0.11	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.073	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.073	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND		0.039	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.073	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.073	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND		0.11	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.073	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND		0.11	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND		0.11	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND		0.039	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND		0.10	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND		0.039	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND		0.073	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND		0.073	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND		0.10	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	0.0031	(J)	0.10	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND		0.073	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND		0.11	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND		0.10	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND		0.073	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND		0.039	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND		0.073	ug/L	1
Total Number of Blanks = 23			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.112				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Trichloroethene							
Type of Blank : Trip Blank							

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Trichloroethene, cont.							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE1306091614	ND		0.11	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.11	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.073	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.11	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND		0.11	ug/L	1
06/25/93	BT-08	GCQUE1306241717	0.0012	(J)	0.11	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND		0.073	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.11	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.039	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.039	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.073	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND		0.10	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND		0.10	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND		0.073	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND		0.10	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND		0.073	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND		0.039	ug/L	1
Total Number of Blanks = 17			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.11				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Trichlorofluoromethane							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX1306141311	ND		0.098	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND		0.075	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.075	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND		0.098	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.075	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND		0.075	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.075	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.098	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND		0.098	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND		0.064	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND		0.098	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND		0.064	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND		0.098	ug/L	1
Total Number of Blanks = 13			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.098				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Trichlorofluoromethane						
Type of Blank : Equipment Blank						
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.075	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.098	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.098			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Trichlorofluoromethane						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.075	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.098	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.098	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.060	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.098	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.098	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.075	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.098	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.075	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.075	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.060	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.064	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.060	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.098	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.098	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.064	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.064	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.098	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.075	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.064	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.098	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.060	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.098	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.098			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Trichlorofluoromethane						
Type of Blank : Trip Blank						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Trichlorofluoromethane, cont.							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE1306091614	ND		0.075	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.075	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.098	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.098	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.075	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND		0.075	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND		0.098	ug/L	1
06/25/93	BT-10	GCQUE1306241717	0.0065	(J)	0.075	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.075	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.060	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.060	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.098	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND		0.064	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND		0.064	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND		0.098	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND		0.064	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND		0.098	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	0.11		0.060	ug/L	1
Total Number of Blanks = 18			Concentration Range 0.11 - 0.11				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.098				
Method : SW8010 - Halogenated Volatile Organics							
Analyte : Vinyl chloride							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX1306141311	ND		0.15	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND		0.15	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND		0.20	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND		0.20	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.20	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.20	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND		0.15	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.20	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.15	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND		0.16	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND		0.15	ug/L	1
09/24/93	AB-09	GCJAY1309231030	0.019	(J)	0.16	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND		0.15	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND		0.15	ug/L	1
Total Number of Blanks = 14			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.2				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Vinyl chloride, cont.						
Type of Blank : Ambient Blank						
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Vinyl chloride						
Type of Blank : Equipment Blank						
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.20	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.15	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.2			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Vinyl chloride						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.20	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.15	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.15	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.076	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.15	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.20	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.15	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.15	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.20	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.20	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.076	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.16	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.076	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.15	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.15	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.16	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.16	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.21	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.15	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.15	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.16	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.076	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.15	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.205			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Vinyl chloride, cont.						
Type of Blank : Method Blank						
Method : SW8010 - Halogenated Volatile Organics						
Analyte : Vinyl chloride						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.20	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.20	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.15	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.15	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.20	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.15	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.20	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.20	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.20	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.076	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.076	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.15	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.16	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.16	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.15	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.16	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.15	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.076	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.2			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : cis-1,3-Dichloropropene						
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND	0.080	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.080	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.074	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.074	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.074	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.080	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.074	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.074	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.080	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.080	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : cis-1,3-Dichloropropene, cont.						
Type of Blank : Ambient Blank						
09/23/93	AB-08	GCJAY1309231030	ND	0.057	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.057	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.080	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.080	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0804			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : cis-1,3-Dichloropropene						
Type of Blank : Equipment Blank						
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.074	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.080	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0804			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : cis-1,3-Dichloropropene						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.074	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.080	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.080	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.022	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.080	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.080	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.074	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.080	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.074	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.074	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.022	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.057	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.022	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.080	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.080	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.057	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.057	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.080	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.075	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : cis-1,3-Dichloropropene, cont.						
Type of Blank : Method Blank						
09/23/93	BLK932687	GCJAY1309231030	ND	0.057	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.080	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.022	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.080	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0804			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : cis-1,3-Dichloropropene						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.074	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.074	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.080	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.080	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.074	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.074	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.080	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.074	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.074	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.022	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.022	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.080	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.057	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.057	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.080	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.057	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.080	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.022	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0804			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : trans-1,2-Dichloroethene						
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND	0.087	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.087	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.10	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics Analyte : trans-1,2-Dichloroethene, cont.						
Type of Blank : Ambient Blank						
06/25/93	BA-09	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.087	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.10	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.10	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.087	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.045	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.087	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.087	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.045	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.087	ug/L	1
Total Number of Blanks = 14 Total Number above Detection Limit = 0				Concentration Range NC Maximum Detection Limit = 0.1		
Method : SW8010 - Halogenated Volatile Organics Analyte : trans-1,2-Dichloroethene						
Type of Blank : Equipment Blank						
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.10	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.087	ug/L	1
Total Number of Blanks = 2 Total Number above Detection Limit = 0				Concentration Range NC Maximum Detection Limit = 0.1		
Method : SW8010 - Halogenated Volatile Organics Analyte : trans-1,2-Dichloroethene						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.10	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.087	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.087	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.16	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.087	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.10	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.087	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.087	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.10	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.10	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.16	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.045	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : trans-1,2-Dichloroethene, cont.						
Type of Blank : Method Blank						
08/16/93	BLK931977	GCPEA1308161047	ND	0.16	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.087	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.087	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.045	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.045	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.10	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.087	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.087	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.045	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.16	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.087	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.16			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : trans-1,2-Dichloroethene						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.10	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.10	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.087	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.087	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.10	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.087	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.10	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.10	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.16	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.16	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.087	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.045	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.045	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.087	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.045	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.087	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.16	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.16			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : trans-1,3-Dichloropropene						
Type of Blank : Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND	0.072	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.072	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.057	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.057	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.057	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.072	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.057	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.057	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.072	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.072	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.12	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.072	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.12	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.072	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.117			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : trans-1,3-Dichloropropene						
Type of Blank : Equipment Blank						
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.057	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.072	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0719			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : trans-1,3-Dichloropropene						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE1306091614	ND	0.057	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.072	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.072	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.030	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.072	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.072	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.057	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.057	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.072	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : trans-1,3-Dichloropropene, cont.						
Type of Blank : Method Blank						
06/27/93	BLK93828	GCQUE1306271713	ND	0.057	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.030	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.12	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.030	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.072	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.072	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.12	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.12	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.072	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.057	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.072	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.12	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.030	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.072	ug/L	1
Total Number of Blanks = 23			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.117			
Method : SW8010 - Halogenated Volatile Organics						
Analyte : trans-1,3-Dichloropropene						
Type of Blank : Trip Blank						
06/09/93	BT-01	GCQUE1306091614	ND	0.057	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.057	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.072	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.072	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.057	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.057	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.072	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.057	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.057	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.030	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.030	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.072	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.12	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.12	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.072	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.12	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.072	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.030	ug/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.117			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8010 - Halogenated Volatile Organics						
Analyte : trans-1,3-Dichloropropene, cont.						
Type of Blank : Trip Blank						
Method : SW8015 - Nonhalogenated Volatile Organics						
Analyte : 2-Butanone(MEK)						
Type of Blank : Ambient Blank						
06/15/93	BA-01	CHGC3A306140800	ND	2.4	mg/L	1
06/15/93	BA-02	CHGC3A306140800	ND	2.4	mg/L	1
06/18/93	BA-04	CHGC3A306180800	ND	2.4	mg/L	1
06/19/93	BA-06	CHGC3A306180800	ND	2.4	mg/L	1
06/19/93	BA-05	CHGC3A306180800	ND	2.4	mg/L	1
06/23/93	BA-07	CHGC3A306230800	ND	2.4	mg/L	1
06/24/93	BA-08	CHGC3A306230800	ND	2.4	mg/L	1
06/24/93	BA-09	CHGC3A306230800	ND	2.4	mg/L	1
09/24/93	AB-09	CHGC3A309240800	ND	2.4	mg/L	1
09/24/93	AB-08	CHGC3A309240800	ND	2.4	mg/L	1
09/24/93	AB-07	CHGC3A309240800	ND	2.4	mg/L	1
09/25/93	AB-11	CHGC3A309240800	ND	2.4	mg/L	1
09/25/93	AB-10	CHGC3A309240800	ND	2.4	mg/L	1
Total Number of Blanks = 13			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 2.4			
Method : SW8015 - Nonhalogenated Volatile Organics						
Analyte : 2-Butanone(MEK)						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	CHGC3A306230800	ND	2.4	mg/L	1
10/07/93	08-GP-01-EB-01	CHGC3A310060800	ND	2.4	mg/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 2.4			
Method : SW8015 - Nonhalogenated Volatile Organics						
Analyte : 2-Butanone(MEK)						
Type of Blank : Method Blank						
06/14/93	BLK93590	CHGC3A306140800	ND	2.4	mg/L	1
06/15/93	BLK93591	CHGC3A306140800	ND	2.4	mg/L	1
06/18/93	BLK93681	CHGC3A306180800	ND	2.4	mg/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8015 - Nonhalogenated Volatile Organics							
Analyte : 2-Butanone(MEK), cont.							
Type of Blank : Method Blank							
06/23/93	BLK93765	CHGC3A306230800	ND		2.4	mg/L	1
08/06/93	BLK931815	CHGC3A308060800	ND		2.4	mg/L	1
08/17/93	BLK932089	CHGC3A308170800	ND		2.4	mg/L	1
09/24/93	BLK932792	CHGC3A309240800	ND		2.4	mg/L	1
10/06/93	BLK933010	CHGC3A310060800	ND		2.4	mg/L	1
Total Number of Blanks = 8			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 2.4				
Method : SW8015 - Nonhalogenated Volatile Organics							
Analyte : 2-Butanone(MEK)							
Type of Blank : Trip Blank							
06/14/93	BT-02	CHGC3A306140800	ND		2.4	mg/L	1
06/14/93	BT-01	CHGC3A306140800	ND		2.4	mg/L	1
06/15/93	BT-03	CHGC3A306140800	ND		2.4	mg/L	1
06/15/93	BT-04	CHGC3A306140800	ND		2.4	mg/L	1
06/18/93	BT-07	CHGC3A306180800	ND		2.4	mg/L	1
06/18/93	BT-06	CHGC3A306180800	ND		2.4	mg/L	1
06/19/93	BT-08	CHGC3A306180800	ND		2.4	mg/L	1
06/23/93	BT-09	CHGC3A306230800	ND		2.4	mg/L	1
06/24/93	BT-10	CHGC3A306230800	ND		2.4	mg/L	1
08/06/93	BT-11	CHGC3A308060800	0.82	(J)	2.4	mg/L	1
08/17/93	BT-12	CHGC3A308170800	ND		2.4	mg/L	1
09/24/93	TB-07-02	CHGC3A309240800	ND		2.4	mg/L	1
09/24/93	TB-08-02	CHGC3A309240800	ND		2.4	mg/L	1
09/24/93	TB-09-02	CHGC3A309240800	ND		2.4	mg/L	1
09/24/93	TB-10-02	CHGC3A309240800	ND		2.4	mg/L	1
09/25/93	TB-11-02	CHGC3A309240800	ND		2.4	mg/L	1
10/06/93	TB-14-02	CHGC3A310060800	ND		2.4	mg/L	1
10/07/93	TB-20-01	CHGC3A310060800	ND		2.4	mg/L	1
Total Number of Blanks = 18			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 2.4				
Method : SW8015 - Nonhalogenated Volatile Organics							
Analyte : 4-Methyl-2-pentanone(MIBK)							
Type of Blank : Ambient Blank							
06/15/93	BA-02	CHGC3A306140800	ND		1.5	mg/L	1
06/15/93	BA-01	CHGC3A306140800	ND		1.5	mg/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8015 - Nonhalogenated Volatile Organics							
Analyte : 4-Methyl-2-pentanone(MIBK), cont.							
Type of Blank : Ambient Blank							
06/18/93	BA-04	CHGC3A306180800	ND		1.5	mg/L	1
06/19/93	BA-06	CHGC3A306180800	ND		1.5	mg/L	1
06/19/93	BA-05	CHGC3A306180800	ND		1.5	mg/L	1
06/23/93	BA-07	CHGC3A306230800	ND		1.5	mg/L	1
06/24/93	BA-09	CHGC3A306230800	ND		1.5	mg/L	1
06/24/93	BA-08	CHGC3A306230800	ND		1.5	mg/L	1
09/24/93	AB-08	CHGC3A309240800	ND		1.5	mg/L	1
09/24/93	AB-09	CHGC3A309240800	ND		1.5	mg/L	1
09/24/93	AB-07	CHGC3A309240800	ND		1.5	mg/L	1
09/25/93	AB-11	CHGC3A309240800	ND		1.5	mg/L	1
09/25/93	AB-10	CHGC3A309240800	ND		1.5	mg/L	1
Total Number of Blanks = 13			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.5				
Method : SW8015 - Nonhalogenated Volatile Organics							
Analyte : 4-Methyl-2-pentanone(MIBK)							
Type of Blank : Equipment Blank							
06/23/93	04-MW-01-EB-03	CHGC3A306230800	ND		1.5	mg/L	1
10/07/93	08-GP-01-EB-01	CHGC3A310060800	ND		1.5	mg/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.5				
Method : SW8015 - Nonhalogenated Volatile Organics							
Analyte : 4-Methyl-2-pentanone(MIBK)							
Type of Blank : Method Blank							
06/14/93	BLK93590	CHGC3A306140800	ND		1.5	mg/L	1
06/15/93	BLK93591	CHGC3A306140800	ND		1.5	mg/L	1
06/18/93	BLK93681	CHGC3A306180800	ND		1.5	mg/L	1
06/23/93	BLK93765	CHGC3A306230800	ND		1.5	mg/L	1
08/06/93	BLK931815	CHGC3A308060800	1.7	(K)	1.5	mg/L	1
08/17/93	BLK932089	CHGC3A308170800	0.75	(K)	1.5	mg/L	1
09/24/93	BLK932792	CHGC3A309240800	ND		1.5	mg/L	1
10/06/93	BLK933010	CHGC3A310060800	ND		1.5	mg/L	1
Total Number of Blanks = 8			Concentration Range 1.7 - 1.7				
Total Number above Detection Limit = 1			Maximum Detection Limit = 1.5				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8015 - Nonhalogenated Volatile Organics						
Analyte : 4-Methyl-2-pentanone(MIBK)						
Type of Blank : Trip Blank						
06/14/93	BT-02	CHGC3A306140800	ND	1.5	mg/L	1
06/14/93	BT-01	CHGC3A306140800	ND	1.5	mg/L	1
06/15/93	BT-03	CHGC3A306140800	ND	1.5	mg/L	1
06/15/93	BT-04	CHGC3A306140800	ND	1.5	mg/L	1
06/18/93	BT-07	CHGC3A306180800	ND	1.5	mg/L	1
06/18/93	BT-06	CHGC3A306180800	ND	1.5	mg/L	1
06/19/93	BT-08	CHGC3A306180800	ND	1.5	mg/L	1
06/23/93	BT-09	CHGC3A306230800	ND	1.5	mg/L	1
06/24/93	BT-10	CHGC3A306230800	ND	1.5	mg/L	1
08/06/93	BT-11	CHGC3A308060800	1.7	1.5	mg/L	1
08/17/93	BT-12	CHGC3A308170800	ND	1.5	mg/L	1
09/24/93	TB-08-02	CHGC3A309240800	ND	1.5	mg/L	1
09/24/93	TB-09-02	CHGC3A309240800	ND	1.5	mg/L	1
09/24/93	TB-10-02	CHGC3A309240800	ND	1.5	mg/L	1
09/24/93	TB-07-02	CHGC3A309240800	ND	1.5	mg/L	1
09/25/93	TB-11-02	CHGC3A309240800	ND	1.5	mg/L	1
10/06/93	TB-14-02	CHGC3A310060800	ND	1.5	mg/L	1
10/07/93	TB-20-01	CHGC3A310060800	ND	1.5	mg/L	1
Total Number of Blanks = 18			Concentration Range 1.7 - 1.7			
Total Number above Detection Limit = 1			Maximum Detection Limit = 1.5			
Method : SW8015 - Nonhalogenated Volatile Organics						
Analyte : Ethanol						
Type of Blank : Ambient Blank						
06/15/93	BA-02	CHGC3A306140800	ND	0.30	mg/L	1
06/15/93	BA-01	CHGC3A306140800	ND	0.30	mg/L	1
06/18/93	BA-04	CHGC3A306180800	ND	0.30	mg/L	1
06/19/93	BA-05	CHGC3A306180800	ND	0.30	mg/L	1
06/19/93	BA-06	CHGC3A306180800	ND	0.30	mg/L	1
06/23/93	BA-07	CHGC3A306230800	ND	0.30	mg/L	1
06/24/93	BA-09	CHGC3A306230800	ND	0.30	mg/L	1
06/24/93	BA-08	CHGC3A306230800	ND	0.30	mg/L	1
09/24/93	AB-09	CHGC3A309240800	ND	0.30	mg/L	1
09/24/93	AB-08	CHGC3A309240800	ND	0.30	mg/L	1
09/24/93	AB-07	CHGC3A309240800	ND	0.30	mg/L	1
09/25/93	AB-11	CHGC3A309240800	ND	0.30	mg/L	1
09/25/93	AB-10	CHGC3A309240800	ND	0.30	mg/L	1
Total Number of Blanks = 13			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.301			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8015 - Nonhalogenated Volatile Organics						
Analyte : Ethanol						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	CHGC3A306230800	ND	0.30	mg/L	1
10/07/93	08-GP-01-EB-01	CHGC3A310060800	ND	0.30	mg/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.301			
Method : SW8015 - Nonhalogenated Volatile Organics						
Analyte : Ethanol						
Type of Blank : Method Blank						
06/14/93	BLK93590	CHGC3A306140800	ND	0.30	mg/L	1
06/15/93	BLK93591	CHGC3A306140800	ND	0.30	mg/L	1
06/18/93	BLK93681	CHGC3A306180800	ND	0.30	mg/L	1
06/23/93	BLK93765	CHGC3A306230800	ND	0.30	mg/L	1
08/06/93	BLK931815	CHGC3A308060800	ND	0.30	mg/L	1
08/17/93	BLK932089	CHGC3A308170800	ND	0.30	mg/L	1
09/24/93	BLK932792	CHGC3A309240800	ND	0.30	mg/L	1
10/06/93	BLK933010	CHGC3A310060800	ND	0.30	mg/L	1
Total Number of Blanks = 8			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.301			
Method : SW8015 - Nonhalogenated Volatile Organics						
Analyte : Ethanol						
Type of Blank : Trip Blank						
06/14/93	BT-02	CHGC3A306140800	ND	0.30	mg/L	1
06/14/93	BT-01	CHGC3A306140800	ND	0.30	mg/L	1
06/15/93	BT-03	CHGC3A306140800	ND	0.30	mg/L	1
06/15/93	BT-04	CHGC3A306140800	ND	0.30	mg/L	1
06/18/93	BT-06	CHGC3A306180800	ND	0.30	mg/L	1
06/18/93	BT-07	CHGC3A306180800	ND	0.30	mg/L	1
06/19/93	BT-08	CHGC3A306180800	ND	0.30	mg/L	1
06/23/93	BT-09	CHGC3A306230800	ND	0.30	mg/L	1
06/24/93	BT-10	CHGC3A306230800	ND	0.30	mg/L	1
08/06/93	BT-11	CHGC3A308060800	ND	0.30	mg/L	1
08/17/93	BT-12	CHGC3A308170800	ND	0.30	mg/L	1
09/24/93	TB-08-02	CHGC3A309240800	ND	0.30	mg/L	1
09/24/93	TB-07-02	CHGC3A309240800	ND	0.30	mg/L	1
09/24/93	TB-10-02	CHGC3A309240800	ND	0.30	mg/L	1
09/24/93	TB-09-02	CHGC3A309240800	ND	0.30	mg/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8015 - Nonhalogenated Volatile Organics						
Analyte : Ethanol, cont.						
Type of Blank : Trip Blank						
09/25/93	TB-11-02	CHGC3A309240800	ND	0.30	mg/L	1
10/06/93	TB-14-02	CHGC3A310060800	ND	0.30	mg/L	1
10/07/93	TB-20-01	CHGC3A310060800	ND	0.30	mg/L	1
Total Number of Blanks = 18			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.301			
Method : SW8015 - Nonhalogenated Volatile Organics						
Analyte : Ethyl ether						
Type of Blank : Ambient Blank						
06/15/93	BA-01	CHGC3A306140800	ND	1.2	mg/L	1
06/15/93	BA-02	CHGC3A306140800	ND	1.2	mg/L	1
06/18/93	BA-04	CHGC3A306180800	ND	1.2	mg/L	1
06/19/93	BA-06	CHGC3A306180800	ND	1.2	mg/L	1
06/19/93	BA-05	CHGC3A306180800	ND	1.2	mg/L	1
06/23/93	BA-07	CHGC3A306230800	ND	1.2	mg/L	1
06/24/93	BA-09	CHGC3A306230800	ND	1.2	mg/L	1
06/24/93	BA-08	CHGC3A306230800	ND	1.2	mg/L	1
09/24/93	AB-07	CHGC3A309240800	ND	1.2	mg/L	1
09/24/93	AB-08	CHGC3A309240800	ND	1.2	mg/L	1
09/24/93	AB-09	CHGC3A309240800	ND	1.2	mg/L	1
09/25/93	AB-10	CHGC3A309240800	ND	1.2	mg/L	1
09/25/93	AB-11	CHGC3A309240800	ND	1.2	mg/L	1
Total Number of Blanks = 13			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.2			
Method : SW8015 - Nonhalogenated Volatile Organics						
Analyte : Ethyl ether						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	CHGC3A306230800	ND	1.2	mg/L	1
10/07/93	08-GP-01-EB-01	CHGC3A310060800	ND	1.2	mg/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.2			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8015 - Nonhalogenated Volatile Organics						
Analyte : Ethyl ether						
Type of Blank : Method Blank						
06/14/93	BLK93590	CHGC3A306140800	ND	1.2	mg/L	1
06/15/93	BLK93591	CHGC3A306140800	ND	1.2	mg/L	1
06/18/93	BLK93681	CHGC3A306180800	ND	1.2	mg/L	1
06/23/93	BLK93765	CHGC3A306230800	ND	1.2	mg/L	1
08/06/93	BLK931815	CHGC3A308060800	ND	1.2	mg/L	1
08/17/93	BLK932089	CHGC3A308170800	ND	1.2	mg/L	1
09/24/93	BLK932792	CHGC3A309240800	ND	1.2	mg/L	1
10/06/93	BLK933010	CHGC3A310060800	ND	1.2	mg/L	1
Total Number of Blanks = 8			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.2			
Method : SW8015 - Nonhalogenated Volatile Organics						
Analyte : Ethyl ether						
Type of Blank : Trip Blank						
06/14/93	BT-02	CHGC3A306140800	ND	1.2	mg/L	1
06/14/93	BT-01	CHGC3A306140800	ND	1.2	mg/L	1
06/15/93	BT-03	CHGC3A306140800	ND	1.2	mg/L	1
06/15/93	BT-04	CHGC3A306140800	ND	1.2	mg/L	1
06/18/93	BT-07	CHGC3A306180800	ND	1.2	mg/L	1
06/18/93	BT-06	CHGC3A306180800	ND	1.2	mg/L	1
06/19/93	BT-08	CHGC3A306180800	ND	1.2	mg/L	1
06/23/93	BT-09	CHGC3A306230800	ND	1.2	mg/L	1
08/06/93	BT-11	CHGC3A308060800	ND	1.2	mg/L	1
08/17/93	BT-12	CHGC3A308170800	ND	1.2	mg/L	1
09/24/93	TB-10-02	CHGC3A309240800	ND	1.2	mg/L	1
09/24/93	TB-08-02	CHGC3A309240800	ND	1.2	mg/L	1
09/24/93	TB-09-02	CHGC3A309240800	ND	1.2	mg/L	1
09/24/93	TB-07-02	CHGC3A309240800	ND	1.2	mg/L	1
09/25/93	TB-11-02	CHGC3A309240800	ND	1.2	mg/L	1
10/06/93	TB-14-02	CHGC3A310060800	ND	1.2	mg/L	1
10/07/93	TB-20-01	CHGC3A310060800	ND	1.2	mg/L	1
Total Number of Blanks = 17			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.2			
Method : SW8020 - Aromatic Volatile Organics						
Analyte : 1,2-Dichlorobenzene						
Type of Blank : Ambient Blank						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8020 - Aromatic Volatile Organics							
Analyte : 1,2-Dichlorobenzene, cont.							
Type of Blank : Ambient Blank							
06/16/93	BA-02	GCTEX2306152237	ND		0.078	ug/L	1
06/19/93	BA-04	GCKAY1306190024	ND		0.071	ug/L	1
06/19/93	BA-05	GCKAY1306190024	ND		0.071	ug/L	1
06/22/93	BA-06	GCKAY1306211455	ND		0.071	ug/L	1
06/22/93	BA-01	GCKAY2306211455	ND		0.12	ug/L	1
06/23/93	BA-09	GCKAY1306221300	ND		0.071	ug/L	1
06/23/93	BA-08	GCKAY1306221300	ND		0.071	ug/L	1
06/23/93	BA-07	GCKAY1306221300	ND		0.071	ug/L	1
08/24/93	AB-06	GCTEX2308231220	0.051	(J)	0.078	ug/L	1
09/23/93	AB-07	GCTEX2309221032	ND		0.078	ug/L	1
09/23/93	AB-08	GCJAY2309231030	ND		0.080	ug/L	1
09/24/93	AB-09	GCJAY2309231030	ND		0.080	ug/L	1
09/24/93	AB-10	GCTEX2309231506	ND		0.078	ug/L	1
09/24/93	AB-11	GCTEX2309231506	ND		0.078	ug/L	1
Total Number of Blanks = 14			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.12				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : 1,2-Dichlorobenzene							
Type of Blank : Equipment Blank							
06/24/93	04-MW-01-EB-03	GCKAY1306240932	ND		0.071	ug/L	1
Total Number of Blanks = 1			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.071				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : 1,2-Dichlorobenzene							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE2306091614	ND		0.14	ug/L	1
06/14/93	BLK93545	GCQUE2306141634	ND		0.14	ug/L	1
06/16/93	BLK93548	GCTEX2306152237	ND		0.078	ug/L	1
06/19/93	BLK93552	GCKAY1306190024	0.25		0.071	ug/L	1
06/21/93	BLK93695	GCKAY1306211455	0.13		0.071	ug/L	1
06/22/93	BLK93698	GCKAY1306221300	0.11		0.071	ug/L	1
06/24/93	BLK93704	GCKAY1306240932	0.14		0.071	ug/L	1
08/09/93	BLK931827	GCKAY1308091931	0.22		0.071	ug/L	1
08/16/93	BLK931977	GCPEA2308161047	ND		0.026	ug/L	1
08/24/93	BLK931998	GCTEX2308242018	ND		0.078	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8020 - Aromatic Volatile Organics							
Analyte : 1,2-Dichlorobenzene, cont.							
Type of Blank : Method Blank							
09/15/93	BLK932371	GCJAY2309150130	ND		0.080	ug/L	1
09/20/93	BLK932379	GCJAY2309201444	ND		0.080	ug/L	1
09/22/93	BLK932683	GCTEX2309221032	ND		0.078	ug/L	1
09/22/93	BLK932686	GCQUE2309221453	ND		0.14	ug/L	1
09/23/93	BLK932690	GCTEX2309231506	ND		0.078	ug/L	1
10/06/93	BLK932895	GCTEX2310061111	ND		0.078	ug/L	1
Total Number of Blanks = 16			Concentration Range 0.11 - 0.25				
Total Number above Detection Limit = 5			Maximum Detection Limit = 0.14				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : 1,2-Dichlorobenzene							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE2306091614	ND		0.14	ug/L	1
06/10/93	BT-02	GCQUE2306091614	ND		0.14	ug/L	1
06/14/93	BT-03	GCTEX2306141311	ND		0.078	ug/L	1
06/16/93	BT-04	GCTEX2306152237	ND		0.078	ug/L	1
06/19/93	BT-06	GCKAY1306190024	ND		0.071	ug/L	1
06/19/93	BT-07	GCKAY1306190024	ND		0.071	ug/L	1
06/22/93	BT-08	GCKAY1306211455	ND		0.071	ug/L	1
06/23/93	BT-09	GCKAY1306221300	ND		0.071	ug/L	1
06/23/93	BT-10	GCKAY1306221300	ND		0.071	ug/L	1
08/10/93	BT-11	GCKAY1308091931	ND		0.071	ug/L	1
08/17/93	BT-12	GCPEA2308161047	ND		0.026	ug/L	1
08/25/93	TB-06-02	GCTEX2308242018	ND		0.078	ug/L	1
09/15/93	TB-07-02	GCJAY2309150130	ND		0.080	ug/L	1
09/21/93	TB-08-02	GCJAY2309201444	0.029	(KJ)	0.080	ug/L	1
09/23/93	TB-09-02	GCTEX2309221032	ND		0.078	ug/L	1
09/24/93	TB-10-02	GCJAY2309231030	ND		0.080	ug/L	1
09/24/93	TB-11-02	GCTEX2309231506	ND		0.078	ug/L	1
10/05/93	TB-13-02	GCPEA2310041056	ND		0.026	ug/L	1
Total Number of Blanks = 18			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.14				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : 1,3-Dichlorobenzene							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX2306141311	0.018	(P)	0.078	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8020 - Aromatic Volatile Organics							
Analyte : 1,3-Dichlorobenzene, cont.							
Type of Blank : Ambient Blank							
06/16/93	BA-02	GCTEX2306152237	0.013	(J)	0.078	ug/L	1
06/19/93	BA-04	GCKAY1306190024	ND		0.099	ug/L	1
06/19/93	BA-05	GCKAY1306190024	0.022	(P)	0.099	ug/L	1
06/22/93	BA-06	GCKAY1306211455	ND		0.099	ug/L	1
06/23/93	BA-09	GCKAY1306221300	ND		0.099	ug/L	1
06/23/93	BA-07	GCKAY1306221300	ND		0.099	ug/L	1
06/23/93	BA-08	GCKAY1306221300	ND		0.099	ug/L	1
08/24/93	AB-06	GCTEX2308231220	0.039	(J)	0.078	ug/L	1
09/23/93	AB-07	GCTEX2309221032	ND		0.078	ug/L	1
09/23/93	AB-08	GCJAY2309231030	ND		0.076	ug/L	1
09/24/93	AB-11	GCTEX2309231506	ND		0.078	ug/L	1
09/24/93	AB-10	GCTEX2309231506	ND		0.078	ug/L	1
09/24/93	AB-09	GCJAY2309231030	ND		0.076	ug/L	1
Total Number of Blanks = 14			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.099				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : 1,3-Dichlorobenzene							
Type of Blank : Equipment Blank							
06/24/93	04-MW-01-EB-03	GCKAY1306240932	ND		0.099	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX2310061111	ND		0.078	ug/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.099				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : 1,3-Dichlorobenzene							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE2306091614	ND		0.13	ug/L	1
06/14/93	BLK93545	GCQUE2306141634	ND		0.13	ug/L	1
06/16/93	BLK93548	GCTEX2306152237	ND		0.078	ug/L	1
06/19/93	BLK93552	GCKAY1306190024	0.035	(J)	0.099	ug/L	1
06/21/93	BLK93695	GCKAY1306211455	ND		0.099	ug/L	1
06/22/93	BLK93698	GCKAY1306221300	ND		0.099	ug/L	1
06/24/93	BLK93704	GCKAY1306240932	ND		0.099	ug/L	1
08/09/93	BLK931827	GCKAY1308091931	0.067	(J)	0.100	ug/L	1
08/16/93	BLK931977	GCPEA2308161047	ND		0.022	ug/L	1
08/24/93	BLK931998	GCTEX2308242018	ND		0.078	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8020 - Aromatic Volatile Organics							
Analyte : 1,3-Dichlorobenzene, cont.							
Type of Blank : Method Blank							
09/15/93	BLK932371	GCJAY2309150130	ND		0.076	ug/L	1
09/20/93	BLK932379	GCJAY2309201444	ND		0.076	ug/L	1
09/22/93	BLK932683	GCTEX2309221032	ND		0.078	ug/L	1
09/22/93	BLK932686	GCQUE2309221453	ND		0.13	ug/L	1
09/23/93	BLK932690	GCTEX2309231506	ND		0.078	ug/L	1
10/06/93	BLK932895	GCTEX2310061111	0.016	(J)	0.078	ug/L	1
Total Number of Blanks = 16					Concentration Range NC		
Total Number above Detection Limit = 0					Maximum Detection Limit = 0.134		
Method : SW8020 - Aromatic Volatile Organics							
Analyte : 1,3-Dichlorobenzene							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE2306091614	ND		0.13	ug/L	1
06/10/93	BT-02	GCQUE2306091614	0.048	(J)	0.13	ug/L	1
06/14/93	BT-03	GCTEX2306141311	0.038	(J)	0.078	ug/L	1
06/16/93	BT-04	GCTEX2306152237	0.047	(J)	0.078	ug/L	1
06/19/93	BT-07	GCKAY1306190024	ND		0.099	ug/L	1
06/19/93	BT-06	GCKAY1306190024	ND		0.099	ug/L	1
06/22/93	BT-08	GCKAY1306211455	ND		0.099	ug/L	1
06/23/93	BT-09	GCKAY1306221300	0.090	(P)	0.099	ug/L	1
06/23/93	BT-10	GCKAY1306221300	0.044	(P)	0.099	ug/L	1
08/10/93	BT-11	GCKAY1308091931	0.095	(J)	0.100	ug/L	1
08/17/93	BT-12	GCPEA2308161047	0.041		0.022	ug/L	1
08/25/93	TB-06-02	GCTEX2308242018	0.020	(J)	0.078	ug/L	1
09/15/93	TB-07-02	GCJAY2309150130	ND		0.076	ug/L	1
09/21/93	TB-08-02	GCJAY2309201444	0.024	(KJ)	0.076	ug/L	1
09/23/93	TB-09-02	GCTEX2309221032	0.023	(KJ)	0.078	ug/L	1
09/24/93	TB-10-02	GCJAY2309231030	ND		0.076	ug/L	1
09/24/93	TB-11-02	GCTEX2309231506	ND		0.078	ug/L	1
10/05/93	TB-13-02	GCPEA2310041056	ND		0.022	ug/L	1
Total Number of Blanks = 18					Concentration Range 0.041 - 0.041		
Total Number above Detection Limit = 1					Maximum Detection Limit = 0.13		
Method : SW8020 - Aromatic Volatile Organics							
Analyte : 1,4-Dichlorobenzene							
Type of Blank : Ambient Blank							
06/16/93	BA-02	GCTEX2306152237	0.021	(J)	0.071	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8020 - Aromatic Volatile Organics Analyte : 1,4-Dichlorobenzene, cont.							
Type of Blank : Ambient Blank							
06/19/93	BA-04	GCKAY1306190024	ND		0.095	ug/L	1
06/19/93	BA-05	GCKAY1306190024	ND		0.095	ug/L	1
06/22/93	BA-06	GCKAY1306211455	ND		0.095	ug/L	1
06/22/93	BA-01	GCKAY2306211455	ND		0.16	ug/L	1
06/23/93	BA-07	GCKAY1306221300	ND		0.095	ug/L	1
06/23/93	BA-08	GCKAY1306221300	ND		0.095	ug/L	1
06/23/93	BA-09	GCKAY1306221300	ND		0.095	ug/L	1
08/24/93	AB-06	GCTEX2308231220	ND		0.071	ug/L	1
09/23/93	AB-07	GCTEX2309221032	ND		0.071	ug/L	1
09/23/93	AB-08	GCJAY2309231030	ND		0.081	ug/L	1
09/24/93	AB-10	GCTEX2309231506	ND		0.071	ug/L	1
09/24/93	AB-11	GCTEX2309231506	ND		0.071	ug/L	1
09/24/93	AB-09	GCJAY2309231030	ND		0.081	ug/L	1
Total Number of Blanks = 14			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.16				
Method : SW8020 - Aromatic Volatile Organics Analyte : 1,4-Dichlorobenzene							
Type of Blank : Equipment Blank							
06/24/93	04-MW-01-EB-03	GCKAY1306240932	ND		0.095	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX2310061111	ND		0.071	ug/L	1
Total Number of Blanks = 2			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.095				
Method : SW8020 - Aromatic Volatile Organics Analyte : 1,4-Dichlorobenzene							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE2306091614	ND		0.13	ug/L	1
06/14/93	BLK93545	GCQUE2306141634	ND		0.13	ug/L	1
06/16/93	BLK93548	GCTEX2306152237	ND		0.071	ug/L	1
06/19/93	BLK93552	GCKAY1306190024	0.067	(J)	0.095	ug/L	1
06/21/93	BLK93695	GCKAY1306211455	ND		0.095	ug/L	1
06/22/93	BLK93698	GCKAY1306221300	ND		0.095	ug/L	1
06/24/93	BLK93704	GCKAY1306240932	ND		0.095	ug/L	1
08/09/93	BLK931827	GCKAY1308091931	0.11		0.096	ug/L	1
08/16/93	BLK931977	GCPEA2308161047	ND		0.013	ug/L	1
08/24/93	BLK931998	GCTEX2308242018	ND		0.071	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8020 - Aromatic Volatile Organics							
Analyte : 1,4-Dichlorobenzene, cont.							
Type of Blank : Method Blank							
09/15/93	BLK932371	GCJAY2309150130	ND		0.081	ug/L	1
09/20/93	BLK932379	GCJAY2309201444	0.015	(J)	0.081	ug/L	1
09/22/93	BLK932686	GCQUE2309221453	ND		0.13	ug/L	1
09/22/93	BLK932683	GCTEX2309221032	ND		0.071	ug/L	1
09/23/93	BLK932690	GCTEX2309231506	ND		0.071	ug/L	1
10/06/93	BLK932895	GCTEX2310061111	ND		0.071	ug/L	1
Total Number of Blanks = 16			Concentration Range 0.11 - 0.11				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.131				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : 1,4-Dichlorobenzene							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE2306091614	ND		0.13	ug/L	1
06/10/93	BT-02	GCQUE2306091614	ND		0.13	ug/L	1
06/14/93	BT-03	GCTEX2306141311	ND		0.071	ug/L	1
06/16/93	BT-04	GCTEX2306152237	ND		0.071	ug/L	1
06/19/93	BT-06	GCKAY1306190024	ND		0.095	ug/L	1
06/19/93	BT-07	GCKAY1306190024	ND		0.095	ug/L	1
06/22/93	BT-08	GCKAY1306211455	ND		0.095	ug/L	1
06/23/93	BT-10	GCKAY1306221300	ND		0.095	ug/L	1
06/23/93	BT-09	GCKAY1306221300	ND		0.095	ug/L	1
08/10/93	BT-11	GCKAY1308091931	ND		0.096	ug/L	1
08/25/93	TB-06-02	GCTEX2308242018	ND		0.071	ug/L	1
09/15/93	TB-07-02	GCJAY2309150130	ND		0.081	ug/L	1
09/21/93	TB-08-02	GCJAY2309201444	0.020	(KJ)	0.081	ug/L	1
09/23/93	TB-09-02	GCTEX2309221032	ND		0.071	ug/L	1
09/24/93	TB-11-02	GCTEX2309231506	ND		0.071	ug/L	1
09/24/93	TB-10-02	GCJAY2309231030	ND		0.081	ug/L	1
10/05/93	TB-13-02	GCPEA2310041056	ND		0.013	ug/L	1
Total Number of Blanks = 17			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.13				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Benzene							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX2306141311	0.19		0.083	ug/L	1
06/16/93	BA-02	GCTEX2306152237	0.053	(J)	0.083	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Benzene, cont.							
Type of Blank : Ambient Blank							
06/19/93	BA-05	GCKAY1306190024	0.065	(J)	0.070	ug/L	1
06/19/93	BA-04	GCKAY1306190024	0.49		0.070	ug/L	1
06/22/93	BA-06	GCKAY1306211455	ND		0.070	ug/L	1
06/23/93	BA-09	GCKAY1306221300	ND		0.070	ug/L	1
06/23/93	BA-08	GCKAY1306221300	ND		0.070	ug/L	1
06/23/93	BA-07	GCKAY1306221300	ND		0.070	ug/L	1
08/24/93	AB-06	GCTEX2308231220	0.047	(J)	0.083	ug/L	1
09/23/93	AB-08	GCJAY2309231030	0.036	(J)	0.052	ug/L	1
09/23/93	AB-07	GCTEX2309221032	0.16	(B)	0.083	ug/L	1
09/24/93	AB-09	GCJAY2309231030	ND		0.052	ug/L	1
09/24/93	AB-11	GCTEX2309231506	0.068	(J)	0.083	ug/L	1
09/24/93	AB-10	GCTEX2309231506	0.044	(J)	0.083	ug/L	1
Total Number of Blanks = 14			Concentration Range 0.16 - 0.49				
Total Number above Detection Limit = 3			Maximum Detection Limit = 0.0832				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Benzene							
Type of Blank : Equipment Blank							
06/24/93	04-MW-01-EB-03	GCKAY1306240932	1.7		0.070	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX2310061111	0.83	(B)	0.083	ug/L	1
Total Number of Blanks = 2			Concentration Range 0.83 - 1.7				
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.0832				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Benzene							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE2306091614	ND		0.079	ug/L	1
06/14/93	BLK93545	GCQUE2306141634	ND		0.079	ug/L	1
06/16/93	BLK93548	GCTEX2306152237	0.018	(J)	0.083	ug/L	1
06/19/93	BLK93552	GCKAY1306190024	0.020	(J)	0.070	ug/L	1
06/21/93	BLK93695	GCKAY1306211455	ND		0.070	ug/L	1
06/22/93	BLK93698	GCKAY1306221300	ND		0.070	ug/L	1
06/24/93	BLK93704	GCKAY1306240932	ND		0.070	ug/L	1
08/09/93	BLK931827	GCKAY1308091931	0.027	(J)	0.070	ug/L	1
08/16/93	BLK931977	GCPEA2308161047	ND		0.0098	ug/L	1
08/23/93	BLK931997	GCTEX2308231220	ND		0.083	ug/L	1
08/24/93	BLK931998	GCTEX2308242018	0.023	(J)	0.083	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Benzene, cont.							
Type of Blank : Method Blank							
09/15/93	BLK932371	GCJAY2309150130	ND		0.052	ug/L	1
09/20/93	BLK932379	GCJAY2309201444	ND		0.052	ug/L	1
09/22/93	BLK932683	GCTEX2309221032	0.019	(J)	0.083	ug/L	1
09/22/93	BLK932686	GCQUE2309221453	ND		0.079	ug/L	1
09/23/93	BLK932690	GCTEX2309231506	0.019	(J)	0.083	ug/L	1
10/04/93	BLK932891	GCPEA2310041056	ND		0.0098	ug/L	1
10/06/93	BLK932895	GCTEX2310061111	0.018	(J)	0.083	ug/L	1
Total Number of Blanks = 18			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0832				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Benzene							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE2306091614	0.031	(J)	0.079	ug/L	1
06/10/93	BT-02	GCQUE2306091614	ND		0.079	ug/L	1
06/14/93	BT-03	GCTEX2306141311	0.029	(J)	0.083	ug/L	1
06/16/93	BT-04	GCTEX2306152237	0.047	(J)	0.083	ug/L	1
06/19/93	BT-06	GCKAY1306190024	0.044	(J)	0.070	ug/L	1
06/19/93	BT-07	GCKAY1306190024	ND		0.070	ug/L	1
06/23/93	BT-09	GCKAY1306221300	0.060	(J)	0.070	ug/L	1
08/10/93	BT-11	GCKAY1308091931	ND		0.070	ug/L	1
08/17/93	BT-12	GCPEA2308161047	ND		0.0098	ug/L	1
08/25/93	TB-06-02	GCTEX2308242018	0.022	(J)	0.083	ug/L	1
09/15/93	TB-07-02	GCJAY2309150130	0.021	(J)	0.052	ug/L	1
09/21/93	TB-08-02	GCJAY2309201444	0.025	(KJ)	0.052	ug/L	1
09/23/93	TB-09-02	GCTEX2309221032	0.065	(KJ)	0.083	ug/L	1
09/24/93	TB-11-02	GCTEX2309231506	0.027	(J)	0.083	ug/L	1
09/24/93	TB-10-02	GCJAY2309231030	0.051	(J)	0.052	ug/L	1
10/05/93	TB-13-02	GCPEA2310041056	ND		0.0098	ug/L	1
Total Number of Blanks = 16			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0832				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Chlorobenzene							
Type of Blank : Ambient Blank							
06/16/93	BA-02	GCTEX2306152237	ND		0.080	ug/L	1
06/19/93	BA-05	GCKAY1306190024	ND		0.045	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8020 - Aromatic Volatile Organics						
Analyte : Chlorobenzene, cont.						
Type of Blank : Ambient Blank						
06/19/93	BA-04	GCKAY1306190024	ND	0.045	ug/L	1
06/22/93	BA-06	GCKAY1306211455	ND	0.045	ug/L	1
06/22/93	BA-01	GCKAY2306211455	ND	0.13	ug/L	1
06/23/93	BA-09	GCKAY1306221300	ND	0.045	ug/L	1
06/23/93	BA-07	GCKAY1306221300	ND	0.045	ug/L	1
06/23/93	BA-08	GCKAY1306221300	ND	0.045	ug/L	1
08/24/93	AB-06	GCTEX2308231220	ND	0.080	ug/L	1
09/23/93	AB-07	GCTEX2309221032	ND	0.080	ug/L	1
09/23/93	AB-08	GCJAY2309231030	ND	0.045	ug/L	1
09/24/93	AB-10	GCTEX2309231506	ND	0.080	ug/L	1
09/24/93	AB-09	GCJAY2309231030	ND	0.045	ug/L	1
09/24/93	AB-11	GCTEX2309231506	ND	0.080	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.13			
Method : SW8020 - Aromatic Volatile Organics						
Analyte : Chlorobenzene						
Type of Blank : Equipment Blank						
06/24/93	04-MW-01-EB-03	GCKAY1306240932	ND	0.045	ug/L	1
Total Number of Blanks = 1			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.045			
Method : SW8020 - Aromatic Volatile Organics						
Analyte : Chlorobenzene						
Type of Blank : Method Blank						
06/09/93	BLK93460	GCQUE2306091614	ND	0.12	ug/L	1
06/14/93	BLK93545	GCQUE2306141634	ND	0.12	ug/L	1
06/16/93	BLK93548	GCTEX2306152237	ND	0.080	ug/L	1
06/19/93	BLK93552	GCKAY1306190024	ND	0.045	ug/L	1
06/21/93	BLK93695	GCKAY1306211455	ND	0.045	ug/L	1
06/22/93	BLK93698	GCKAY1306221300	ND	0.045	ug/L	1
06/24/93	BLK93704	GCKAY1306240932	ND	0.045	ug/L	1
08/09/93	BLK931827	GCKAY1308091931	ND	0.045	ug/L	1
08/16/93	BLK931977	GCPEA2308161047	ND	0.014	ug/L	1
08/24/93	BLK931998	GCTEX2308242018	ND	0.080	ug/L	1
09/15/93	BLK932371	GCJAY2309150130	ND	0.045	ug/L	1
09/20/93	BLK932379	GCJAY2309201444	ND	0.045	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Chlorobenzene, cont.							
Type of Blank : Method Blank							
09/22/93	BLK932686	GCQUE2309221453	ND		0.12	ug/L	1
09/22/93	BLK932683	GCTEX2309221032	ND		0.080	ug/L	1
09/23/93	BLK932690	GCTEX2309231506	ND		0.080	ug/L	1
10/06/93	BLK932895	GCTEX2310061111	ND		0.080	ug/L	1
Total Number of Blanks = 16			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.12				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Chlorobenzene							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE2306091614	ND		0.12	ug/L	1
06/10/93	BT-02	GCQUE2306091614	ND		0.12	ug/L	1
06/14/93	BT-03	GCTEX2306141311	ND		0.080	ug/L	1
06/16/93	BT-04	GCTEX2306152237	ND		0.080	ug/L	1
06/19/93	BT-06	GCKAY1306190024	ND		0.045	ug/L	1
06/19/93	BT-07	GCKAY1306190024	ND		0.045	ug/L	1
06/22/93	BT-08	GCKAY1306211455	ND		0.045	ug/L	1
06/23/93	BT-10	GCKAY1306221300	ND		0.045	ug/L	1
06/23/93	BT-09	GCKAY1306221300	ND		0.045	ug/L	1
08/10/93	BT-11	GCKAY1308091931	ND		0.045	ug/L	1
08/17/93	BT-12	GCPEA2308161047	ND		0.014	ug/L	1
08/25/93	TB-06-02	GCTEX2308242018	ND		0.080	ug/L	1
09/15/93	TB-07-02	GCJAY2309150130	ND		0.045	ug/L	1
09/21/93	TB-08-02	GCJAY2309201444	0.030	(KJ)	0.045	ug/L	1
09/23/93	TB-09-02	GCTEX2309221032	ND		0.080	ug/L	1
09/24/93	TB-11-02	GCTEX2309231506	ND		0.080	ug/L	1
09/24/93	TB-10-02	GCJAY2309231030	ND		0.045	ug/L	1
10/05/93	TB-13-02	GCPEA2310041056	ND		0.014	ug/L	1
Total Number of Blanks = 18			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.12				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Ethylbenzene							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX2306141311	0.071	(J)	0.081	ug/L	1
06/16/93	BA-02	GCTEX2306152237	0.025	(J)	0.081	ug/L	1
06/19/93	BA-04	GCKAY1306190024	0.049	(J)	0.068	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Ethylbenzene, cont.							
Type of Blank : Ambient Blank							
06/19/93	BA-05	GCKAY1306190024	ND		0.068	ug/L	1
06/22/93	BA-06	GCKAY1306211455	ND		0.068	ug/L	1
06/23/93	BA-08	GCKAY1306221300	ND		0.068	ug/L	1
06/23/93	BA-07	GCKAY1306221300	ND		0.068	ug/L	1
06/23/93	BA-09	GCKAY1306221300	ND		0.068	ug/L	1
08/24/93	AB-06	GCTEX2308231220	0.074	(J)	0.081	ug/L	1
09/23/93	AB-07	GCTEX2309221032	0.075	(J)	0.081	ug/L	1
09/23/93	AB-08	GCJAY2309231030	ND		0.044	ug/L	1
09/24/93	AB-11	GCTEX2309231506	0.046	(J)	0.081	ug/L	1
09/24/93	AB-10	GCTEX2309231506	0.023	(J)	0.081	ug/L	1
09/24/93	AB-09	GCJAY2309231030	ND		0.044	ug/L	1
Total Number of Blanks = 14			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0813				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Ethylbenzene							
Type of Blank : Equipment Blank							
06/24/93	04-MW-01-EB-03	GCKAY1306240932	0.079		0.068	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX2310061111	0.28	(B)	0.081	ug/L	1
Total Number of Blanks = 2			Concentration Range 0.079 - 0.28				
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.0813				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Ethylbenzene							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE2306091614	ND		0.12	ug/L	1
06/14/93	BLK93545	GCQUE2306141634	ND		0.12	ug/L	1
06/16/93	BLK93548	GCTEX2306152237	ND		0.081	ug/L	1
06/19/93	BLK93552	GCKAY1306190024	0.027	(J)	0.068	ug/L	1
06/21/93	BLK93695	GCKAY1306211455	ND		0.068	ug/L	1
06/22/93	BLK93698	GCKAY1306221300	ND		0.068	ug/L	1
06/24/93	BLK93704	GCKAY1306240932	ND		0.068	ug/L	1
08/09/93	BLK931827	GCKAY1308091931	0.035	(J)	0.068	ug/L	1
08/16/93	BLK931977	GCPEA2308161047	ND		0.020	ug/L	1
08/23/93	BLK931997	GCTEX2308231220	ND		0.081	ug/L	1
08/24/93	BLK931998	GCTEX2308242018	ND		0.081	ug/L	1
09/15/93	BLK932371	GCJAY2309150130	ND		0.044	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Ethylbenzene, cont.							
Type of Blank : Method Blank							
09/20/93	BLK932379	GCJAY2309201444	ND		0.044	ug/L	1
09/22/93	BLK932686	GCQUE2309221453	ND		0.12	ug/L	1
09/22/93	BLK932683	GCTEX2309221032	ND		0.081	ug/L	1
09/23/93	BLK932690	GCTEX2309231506	ND		0.081	ug/L	1
10/04/93	BLK932891	GCPEA2310041056	ND		0.020	ug/L	1
10/06/93	BLK932895	GCTEX2310061111	0.018	(J)	0.081	ug/L	1
Total Number of Blanks = 18			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.121				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Ethylbenzene							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE2306091614	0.033	(J)	0.12	ug/L	1
06/10/93	BT-02	GCQUE2306091614	ND		0.12	ug/L	1
06/14/93	BT-03	GCTEX2306141311	ND		0.081	ug/L	1
06/16/93	BT-04	GCTEX2306152237	ND		0.081	ug/L	1
06/19/93	BT-07	GCKAY1306190024	ND		0.068	ug/L	1
06/19/93	BT-06	GCKAY1306190024	0.034	(J)	0.068	ug/L	1
06/22/93	BT-08	GCKAY1306211455	ND		0.068	ug/L	1
06/23/93	BT-09	GCKAY1306221300	ND		0.068	ug/L	1
06/23/93	BT-10	GCKAY1306221300	ND		0.068	ug/L	1
08/10/93	BT-11	GCKAY1308091931	ND		0.068	ug/L	1
08/17/93	BT-12	GCPEA2308161047	ND		0.020	ug/L	1
08/25/93	TB-06-02	GCTEX2308242018	ND		0.081	ug/L	1
09/15/93	TB-07-02	GCJAY2309150130	ND		0.044	ug/L	1
09/23/93	TB-09-02	GCTEX2309221032	ND		0.081	ug/L	1
09/24/93	TB-10-02	GCJAY2309231030	0.032	(J)	0.044	ug/L	1
09/24/93	TB-11-02	GCTEX2309231506	ND		0.081	ug/L	1
10/05/93	TB-13-02	GCPEA2310041056	ND		0.020	ug/L	1
Total Number of Blanks = 17			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.12				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Toluene							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX2306141311	0.40		0.081	ug/L	1
06/16/93	BA-02	GCTEX2306152237	0.15		0.081	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Toluene, cont.							
Type of Blank : Ambient Blank							
06/19/93	BA-04	GCKAY1306190024	0.19		0.048	ug/L	1
06/19/93	BA-05	GCKAY1306190024	0.10		0.048	ug/L	1
06/23/93	BA-07	GCKAY1306221300	0.029	(J)	0.048	ug/L	1
06/23/93	BA-08	GCKAY1306221300	0.059		0.048	ug/L	1
06/23/93	BA-09	GCKAY1306221300	ND		0.048	ug/L	1
08/24/93	AB-06	GCTEX2308231220	0.049	(J)	0.081	ug/L	1
09/23/93	AB-08	GCJAY2309231030	0.10	(B)	0.065	ug/L	1
09/23/93	AB-07	GCTEX2309221032	0.14	(B)	0.081	ug/L	1
09/24/93	AB-10	GCTEX2309231506	0.11	(B)	0.081	ug/L	1
09/24/93	AB-11	GCTEX2309231506	0.15	(B)	0.081	ug/L	1
09/24/93	AB-09	GCJAY2309231030	0.19	(B)	0.065	ug/L	1
Total Number of Blanks = 13			Concentration Range 0.059 - 0.40				
Total Number above Detection Limit = 10			Maximum Detection Limit = 0.0813				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Toluene							
Type of Blank : Equipment Blank							
06/24/93	04-MW-01-EB-03	GCKAY1306240932	0.80		0.048	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX2310061111	1.6	(B)	0.081	ug/L	1
Total Number of Blanks = 2			Concentration Range 0.80 - 1.6				
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.0813				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Toluene							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE2306091614	ND		0.11	ug/L	1
06/14/93	BLK93545	GCQUE2306141634	ND		0.11	ug/L	1
06/16/93	BLK93548	GCTEX2306152237	0.014	(J)	0.081	ug/L	1
06/19/93	BLK93552	GCKAY1306190024	0.049		0.048	ug/L	1
06/21/93	BLK93695	GCKAY1306211455	ND		0.048	ug/L	1
06/22/93	BLK93698	GCKAY1306221300	ND		0.048	ug/L	1
06/24/93	BLK93704	GCKAY1306240932	0.028	(J)	0.048	ug/L	1
08/09/93	BLK931827	GCKAY1308091931	0.030	(J)	0.048	ug/L	1
08/16/93	BLK931977	GCPEA2308161047	ND		0.033	ug/L	1
08/23/93	BLK931997	GCTEX2308231220	ND		0.081	ug/L	1
08/24/93	BLK931998	GCTEX2308242018	0.027	(J)	0.081	ug/L	1
09/15/93	BLK932371	GCJAY2309150130	ND		0.065	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Toluene, cont.							
Type of Blank : Method Blank							
09/20/93	BLK932379	GCJAY2309201444	ND		0.065	ug/L	1
09/22/93	BLK932683	GCTEX2309221032	0.024	(J)	0.081	ug/L	1
09/22/93	BLK932686	GCQUE2309221453	ND		0.11	ug/L	1
09/23/93	BLK932690	GCTEX2309231506	0.061	(J)	0.081	ug/L	1
10/04/93	BLK932891	GCPEA2310041056	ND		0.033	ug/L	1
10/06/93	BLK932895	GCTEX2310061111	0.033	(J)	0.081	ug/L	1
Total Number of Blanks = 18			Concentration Range 0.049 - 0.049				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.112				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Toluene							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE2306091614	0.055	(J)	0.11	ug/L	1
06/10/93	BT-02	GCQUE2306091614	0.029	(J)	0.11	ug/L	1
06/14/93	BT-03	GCTEX2306141311	0.028	(J)	0.081	ug/L	1
06/16/93	BT-04	GCTEX2306152237	0.031	(J)	0.081	ug/L	1
06/19/93	BT-07	GCKAY1306190024	0.090		0.048	ug/L	1
06/19/93	BT-06	GCKAY1306190024	0.13		0.048	ug/L	1
06/22/93	BT-08	GCKAY1306211455	0.14		0.048	ug/L	1
06/23/93	BT-09	GCKAY1306221300	0.098		0.048	ug/L	1
06/23/93	BT-10	GCKAY1306221300	0.16		0.048	ug/L	1
08/10/93	BT-11	GCKAY1308091931	0.20		0.048	ug/L	1
08/17/93	BT-12	GCPEA2308161047	0.16		0.033	ug/L	1
08/25/93	TB-06-02	GCTEX2308242018	0.13	(B)	0.081	ug/L	1
09/23/93	TB-09-02	GCTEX2309221032	0.46	(B)	0.081	ug/L	1
09/24/93	TB-11-02	GCTEX2309231506	0.49	(B)	0.081	ug/L	1
09/24/93	TB-10-02	GCJAY2309231030	0.15	(B)	0.065	ug/L	1
10/05/93	TB-13-02	GCPEA2310041056	0.17		0.033	ug/L	1
Total Number of Blanks = 16			Concentration Range 0.090 - 0.49				
Total Number above Detection Limit = 12			Maximum Detection Limit = 0.11				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Xylene (total)							
Type of Blank : Ambient Blank							
06/15/93	BA-01	GCTEX2306141311	0.48		0.081	ug/L	1
06/16/93	BA-02	GCTEX2306152237	0.27		0.081	ug/L	1
06/19/93	BA-04	GCKAY1306190024	0.25		0.085	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Xylene (total), cont.							
Type of Blank : Ambient Blank							
06/19/93	BA-05	GCKAY1306190024	0.053	(J)	0.085	ug/L	1
06/22/93	BA-06	GCKAY1306211455	0.046	(J)	0.085	ug/L	1
06/23/93	BA-09	GCKAY1306221300	ND		0.085	ug/L	1
06/23/93	BA-07	GCKAY1306221300	ND		0.085	ug/L	1
08/24/93	AB-06	GCTEX2308231220	0.055	(J)	0.081	ug/L	1
09/23/93	AB-07	GCTEX2309221032	0.26	(B)	0.081	ug/L	1
09/23/93	AB-08	GCJAY2309231030	0.14	(B)	0.13	ug/L	1
09/24/93	AB-11	GCTEX2309231506	0.13	(B)	0.081	ug/L	1
09/24/93	AB-10	GCTEX2309231506	0.079	(J)	0.081	ug/L	1
09/24/93	AB-09	GCJAY2309231030	0.028	(J)	0.13	ug/L	1
Total Number of Blanks = 13			Concentration Range 0.13 - 0.48				
Total Number above Detection Limit = 6			Maximum Detection Limit = 0.127				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Xylene (total)							
Type of Blank : Equipment Blank							
06/24/93	04-MW-01-EB-03	GCKAY1306240932	0.25		0.085	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX2310061111	1.7	(B)	0.081	ug/L	1
Total Number of Blanks = 2			Concentration Range 0.25 - 1.7				
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.085				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Xylene (total)							
Type of Blank : Method Blank							
06/09/93	BLK93460	GCQUE2306091614	ND		0.13	ug/L	1
06/14/93	BLK93545	GCQUE2306141634	ND		0.13	ug/L	1
06/16/93	BLK93548	GCTEX2306152237	0.012	(J)	0.081	ug/L	1
06/19/93	BLK93552	GCKAY1306190024	0.094		0.085	ug/L	1
06/21/93	BLK93695	GCKAY1306211455	ND		0.085	ug/L	1
06/22/93	BLK93698	GCKAY1306221300	ND		0.085	ug/L	1
06/24/93	BLK93704	GCKAY1306240932	0.030	(J)	0.085	ug/L	1
08/09/93	BLK931827	GCKAY1308091931	0.12		0.085	ug/L	1
08/16/93	BLK931977	GCPEA2308161047	ND		0.053	ug/L	1
08/23/93	BLK931997	GCTEX2308231220	ND		0.081	ug/L	1
08/24/93	BLK931998	GCTEX2308242018	0.027	(J)	0.081	ug/L	1
09/15/93	BLK932371	GCJAY2309150130	ND		0.13	ug/L	1
09/20/93	BLK932379	GCJAY2309201444	0.020	(J)	0.13	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Xylene (total), cont.							
Type of Blank : Method Blank							
09/22/93	BLK932683	GCTEX2309221032	0.032	(J)	0.081	ug/L	1
09/22/93	BLK932686	GCQUE2309221453	ND		0.13	ug/L	1
09/23/93	BLK932690	GCTEX2309231506	0.024	(J)	0.081	ug/L	1
10/04/93	BLK932891	GCPEA2310041056	ND		0.053	ug/L	1
10/06/93	BLK932895	GCTEX2310061111	0.049	(J)	0.081	ug/L	1
Total Number of Blanks = 18			Concentration Range 0.094 - 0.12				
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.13				
Method : SW8020 - Aromatic Volatile Organics							
Analyte : Xylene (total)							
Type of Blank : Trip Blank							
06/09/93	BT-01	GCQUE2306091614	0.090	(J)	0.13	ug/L	1
06/10/93	BT-02	GCQUE2306091614	0.071	(J)	0.13	ug/L	1
06/14/93	BT-03	GCTEX2306141311	ND		0.081	ug/L	1
06/16/93	BT-04	GCTEX2306152237	0.015	(J)	0.081	ug/L	1
06/19/93	BT-06	GCKAY1306190024	0.13		0.085	ug/L	1
06/22/93	BT-08	GCKAY1306211455	0.074	(J)	0.085	ug/L	1
06/23/93	BT-10	GCKAY1306221300	0.035	(J)	0.085	ug/L	1
06/23/93	BT-09	GCKAY1306221300	0.038	(J)	0.085	ug/L	1
08/10/93	BT-11	GCKAY1308091931	0.066	(J)	0.085	ug/L	1
08/17/93	BT-12	GCPEA2308161047	ND		0.053	ug/L	1
08/25/93	TB-06-02	GCTEX2308242018	0.030	(J)	0.081	ug/L	1
09/15/93	TB-07-02	GCJAY2309150130	ND		0.13	ug/L	1
09/23/93	TB-09-02	GCTEX2309221032	0.045	(J)	0.081	ug/L	1
09/24/93	TB-10-02	GCJAY2309231030	0.20	(B)	0.13	ug/L	1
09/24/93	TB-11-02	GCTEX2309231506	0.029	(KJ)	0.081	ug/L	1
10/05/93	TB-13-02	GCPEA2310041056	ND		0.053	ug/L	1
Total Number of Blanks = 16			Concentration Range 0.13 - 0.20				
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.13				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : 4,4'-DDD							
Type of Blank : Method Blank							
06/15/93	BLK93-485	CHGC6A306141200	ND		0.0080	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND		0.0080	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND		0.0080	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND		0.0058	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : 4,4'-DDD, cont.							
Type of Blank : Method Blank							
06/23/93	BLK93653	CHGC6A306221200	ND		0.0080	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND		0.0058	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND		0.024	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	0.026	(K)	0.024	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND		0.0058	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND		0.024	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND		0.0058	ug/L	1
Total Number of Blanks = 11			Concentration Range 0.026 - 0.026				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.024				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : 4,4'-DDE							
Type of Blank : Equipment Blank							
06/26/93	04-MW-01-EB-03	CHGC1B306251200	0.089		0.0048	ug/L	1
Total Number of Blanks = 1			Concentration Range 0.089 - 0.089				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.00476				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : 4,4'-DDE							
Type of Blank : Method Blank							
06/15/93	BLK93-485	CHGC6A306141200	ND		0.0054	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND		0.0054	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND		0.0054	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND		0.0061	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND		0.0054	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND		0.0061	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND		0.0049	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	0.0060	(K)	0.0049	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND		0.0061	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND		0.0049	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND		0.0061	ug/L	1
Total Number of Blanks = 11			Concentration Range 0.0060 - 0.0060				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.00612				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : 4,4'-DDT						
Type of Blank : Equipment Blank						
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.0068	ug/L	1
Total Number of Blanks = 1			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0068			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : 4,4'-DDT						
Type of Blank : Method Blank						
06/15/93	BLK93-485	CHGC6A306141200	ND	0.010	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.010	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.010	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.0066	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.010	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.0066	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.0070	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.0070	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.0066	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.0070	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.0066	ug/L	1
Total Number of Blanks = 11			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.01			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Aldrin						
Type of Blank : Equipment Blank						
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.0023	ug/L	1
Total Number of Blanks = 1			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00233			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Aldrin						
Type of Blank : Method Blank						
06/15/93	BLK93-485	CHGC6A306141200	ND	0.0035	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.0035	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Aldrin, cont.						
Type of Blank : Method Blank						
06/22/93	BLK93-567	CHGC6A306221200	ND	0.0035	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.0053	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.0035	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.0053	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.0024	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.0024	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.0053	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.0024	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.0053	ug/L	1
Total Number of Blanks = 11			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0053			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Chlordane						
Type of Blank : Equipment Blank						
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.029	ug/L	1
Total Number of Blanks = 1			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0291			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Chlordane						
Type of Blank : Method Blank						
06/15/93	BLK93-485	CHGC6A306141200	ND	0.030	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.030	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.030	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.0093	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.030	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.0093	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.030	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.030	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.030	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.0093	ug/L	1
Total Number of Blanks = 10			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.03			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : Dieldrin							
Type of Blank : Method Blank							
06/15/93	BLK93-485	CHGC6A306141200	ND		0.0080	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND		0.0080	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND		0.0080	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND		0.0064	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND		0.0080	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND		0.0064	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	0.0098	(K)	0.0056	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND		0.0056	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND		0.0064	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND		0.0056	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND		0.0064	ug/L	1
Total Number of Blanks = 11			Concentration Range 0.0098 - 0.0098				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.008				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : Endosulfan I							
Type of Blank : Equipment Blank							
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND		0.0047	ug/L	1
Total Number of Blanks = 1			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00466				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : Endosulfan I							
Type of Blank : Method Blank							
06/15/93	BLK93-485	CHGC6A306141200	ND		0.0062	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND		0.0062	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND		0.0062	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND		0.0031	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND		0.0062	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	0.0070	(K)	0.0031	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND		0.0048	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND		0.0048	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND		0.0031	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND		0.0048	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND		0.0031	ug/L	1
Total Number of Blanks = 11			Concentration Range 0.0070 - 0.0070				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan I, cont.						
Type of Blank : Method Blank						
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.0062			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan II						
Type of Blank : Equipment Blank						
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.018	ug/L	1
Total Number of Blanks = 1			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0175			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan II						
Type of Blank : Method Blank						
06/15/93	BLK93-485	CHGC6A306141200	ND	0.0050	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.0050	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.0050	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.0068	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.0050	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.0068	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.018	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.018	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.0068	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.018	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.0068	ug/L	1
Total Number of Blanks = 11			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.018			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan Sulfate						
Type of Blank : Equipment Blank						
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.013	ug/L	1
Total Number of Blanks = 1			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0126			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : Endosulfan Sulfate							
Type of Blank : Method Blank							
06/15/93	BLK93-485	CHGC6A306141200	0.0063	(P)	0.014	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	0.0071	(J)	0.014	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	0.0082	(J)	0.014	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	0.0091	(J)	0.014	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND		0.013	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND		0.013	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	0.0026	(K)	0.013	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	0.0080	(K)	0.013	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND		0.013	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND		0.013	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND		0.013	ug/L	1
Total Number of Blanks = 11			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.014				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : Endrin							
Type of Blank : Method Blank							
06/15/93	BLK93-485	CHGC6A306141200	ND		0.012	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND		0.012	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND		0.012	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND		0.012	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND		0.011	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND		0.011	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND		0.017	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND		0.017	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND		0.011	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND		0.017	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND		0.011	ug/L	1
Total Number of Blanks = 11			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.017				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : Endrin Aldehyde							
Type of Blank : Equipment Blank							
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND		0.011	ug/L	1
Total Number of Blanks = 1			Concentration Range NC				

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable NA = Not Applicable

* - Value considered suspect, refer to QC report

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endrin Aldehyde, cont.						
Type of Blank : Equipment Blank						
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.0107		
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endrin Aldehyde						
Type of Blank : Method Blank						
06/15/93	BLK93-485	CHGC6A306141200	ND	0.0066	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.0066	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.0066	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.0058	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.0066	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.0058	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.011	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.011	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.0058	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.011	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.0058	ug/L	1
Total Number of Blanks = 11				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.011		
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Heptachlor						
Type of Blank : Method Blank						
06/15/93	BLK93-485	CHGC6A306141200	ND	0.0054	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.0054	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.0054	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.0027	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.0054	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.0027	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.0029	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.0029	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.0027	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.0029	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.0027	ug/L	1
Total Number of Blanks = 11				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.0054		

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : Heptachlor epoxide							
Type of Blank : Equipment Blank							
06/26/93	04-MW-01-EB-03	CHGC1B306251200	0.049		0.0032	ug/L	1
Total Number of Blanks = 1			Concentration Range 0.049 - 0.049				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.0032				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : Heptachlor epoxide							
Type of Blank : Method Blank							
06/15/93	BLK93-485	CHGC6A306141200	0.021	(K)	0.0034	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND		0.0034	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	0.010	(K)	0.0034	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	0.0076	(K)	0.0034	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND		0.0033	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND		0.0033	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND		0.0033	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	0.000600	(J)	0.0033	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND		0.0033	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND		0.0033	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND		0.0033	ug/L	1
Total Number of Blanks = 11			Concentration Range 0.0076 - 0.021				
Total Number above Detection Limit = 3			Maximum Detection Limit = 0.0034				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : Methoxychlor							
Type of Blank : Method Blank							
06/15/93	BLK93-485	CHGC6A306141200	ND		0.049	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND		0.049	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND		0.049	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND		0.040	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND		0.049	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND		0.040	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND		0.039	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND		0.039	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND		0.040	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND		0.039	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND		0.040	ug/L	1
Total Number of Blanks = 11			Concentration Range NC				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Methoxychlor, cont.						
Type of Blank : Method Blank						
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.049		
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1016						
Type of Blank : Equipment Blank						
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.045	ug/L	1
Total Number of Blanks = 1				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.0447		
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1016						
Type of Blank : Method Blank						
06/15/93	BLK93-485	CHGC6A306141200	ND	0.10	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.10	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.10	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.10	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.055	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.055	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.046	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.046	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.055	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.046	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.055	ug/L	1
Total Number of Blanks = 11				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.1		
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1221						
Type of Blank : Equipment Blank						
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.047	ug/L	1
Total Number of Blanks = 1				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.0466		

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1221						
Type of Blank : Method Blank						
06/15/93	BLK93-485	CHGC6A306141200	ND	0.19	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.19	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.19	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.19	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.074	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.074	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.048	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.048	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.074	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.048	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.074	ug/L	1
Total Number of Blanks = 11			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.19			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1232						
Type of Blank : Equipment Blank						
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.069	ug/L	1
Total Number of Blanks = 1			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0689			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1232						
Type of Blank : Method Blank						
06/15/93	BLK93-485	CHGC6A306141200	ND	0.056	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.056	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.056	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.056	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.13	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.13	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.071	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.071	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.13	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.071	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.13	ug/L	1
Total Number of Blanks = 11			Concentration Range NC			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1232, cont.						
Type of Blank : Method Blank						
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.13			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1242						
Type of Blank : Equipment Blank						
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.054	ug/L	1
Total Number of Blanks = 1			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0544			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1242						
Type of Blank : Method Blank						
06/15/93	BLK93-485	CHGC6A306141200	ND	0.058	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.058	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.058	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.052	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.058	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.052	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.056	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.056	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.052	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.056	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.052	ug/L	1
Total Number of Blanks = 11			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.058			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1248						
Type of Blank : Equipment Blank						
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.052	ug/L	1
Total Number of Blanks = 1			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0524			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1248						
Type of Blank : Method Blank						
06/15/93	BLK93-485	CHGC6A306141200	ND	0.15	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.15	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.15	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.028	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.15	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.028	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.054	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.054	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.028	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.054	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.028	ug/L	1
Total Number of Blanks = 11			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.15			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1254						
Type of Blank : Equipment Blank						
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.072	ug/L	1
Total Number of Blanks = 1			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0718			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1254						
Type of Blank : Method Blank						
06/15/93	BLK93-485	CHGC6A306141200	ND	0.079	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.079	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.079	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.079	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.040	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.040	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.074	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.074	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.040	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.074	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.040	ug/L	1
Total Number of Blanks = 11			Concentration Range NC			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1254, cont.						
Type of Blank : Method Blank						
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.079			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1260						
Type of Blank : Equipment Blank						
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.050	ug/L	1
Total Number of Blanks = 1			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0495			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1260						
Type of Blank : Method Blank						
06/15/93	BLK93-485	CHGC6A306141200	ND	0.045	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.045	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.045	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.045	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.053	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.053	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.051	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.051	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.053	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.051	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.053	ug/L	1
Total Number of Blanks = 11			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.053			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Toxaphene						
Type of Blank : Equipment Blank						
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.097	ug/L	1
Total Number of Blanks = 1			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0971			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : Toxaphene							
Type of Blank : Method Blank							
06/15/93	BLK93-485	CHGC6A306141200	ND		0.010	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND		0.010	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND		0.010	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND		0.010	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND		0.034	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND		0.034	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND		0.10	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND		0.10	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND		0.034	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND		0.10	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND		0.034	ug/L	1
Total Number of Blanks = 11			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.1				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : alpha-BHC							
Type of Blank : Equipment Blank							
06/26/93	04-MW-01-EB-03	CHGC1B306251200	0.016	(P)	0.0019	ug/L	1
Total Number of Blanks = 1			Concentration Range 0.016 - 0.016				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.00194				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : alpha-BHC							
Type of Blank : Method Blank							
06/15/93	BLK93-485	CHGC6A306141200	ND		0.0040	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND		0.0040	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND		0.0040	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND		0.0020	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND		0.0040	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND		0.0020	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND		0.0020	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND		0.0020	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND		0.0020	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND		0.0020	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND		0.0020	ug/L	1
Total Number of Blanks = 11			Concentration Range NC				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : alpha-BHC, cont.						
Type of Blank : Method Blank						
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.004			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : beta-BHC						
Type of Blank : Equipment Blank						
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.046	ug/L	1
Total Number of Blanks = 1			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0456			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : beta-BHC						
Type of Blank : Method Blank						
06/15/93	BLK93-485	CHGC6A306141200	ND	0.0064	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.0064	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.0064	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.0066	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.0064	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.0066	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.047	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.047	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.0066	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.047	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.0066	ug/L	1
Total Number of Blanks = 11			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.047			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : delta-BHC						
Type of Blank : Method Blank						
06/15/93	BLK93-485	CHGC6A306141200	ND	0.0022	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.0022	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.0022	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.0022	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.0036	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : delta-BHC, cont.							
Type of Blank : Method Blank							
06/24/93	BLK93 617	CHGC7A306231200	ND		0.0036	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	0.015	(K)	0.0018	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND		0.0018	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND		0.0036	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND		0.0018	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND		0.0036	ug/L	1
Total Number of Blanks = 11			Concentration Range 0.015 - 0.015				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.00362				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : gamma-BHC(Lindane)							
Type of Blank : Equipment Blank							
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND		0.0022	ug/L	1
Total Number of Blanks = 1			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00223				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : gamma-BHC(Lindane)							
Type of Blank : Method Blank							
06/15/93	BLK93-485	CHGC6A306141200	ND		0.0046	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND		0.0046	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND		0.0046	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND		0.0046	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND		0.0032	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND		0.0032	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND		0.0023	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND		0.0023	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND		0.0032	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND		0.0023	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	0.0014	(KJ)	0.0032	ug/L	1
Total Number of Blanks = 11			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0046				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : 1,1,1-Trichloroethane						
Type of Blank : Ambient Blank						
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : 1,1,1-Trichloroethane						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	0.70	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.2	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 1.16			
Method : SW8240 - Volatile Organics						
Analyte : 1,1,1-Trichloroethane						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : 1,1,2,2-Tetrachloroethane						
Type of Blank : Ambient Blank						
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics Analyte : 1,1,2,2-Tetrachloroethane, cont.						
Type of Blank : Ambient Blank						
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics Analyte : 1,1,2,2-Tetrachloroethane						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	2.2	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.8	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 2.2			
Method : SW8240 - Volatile Organics Analyte : 1,1,2,2-Tetrachloroethane						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics Analyte : 1,1,2-Trichloroethane						
Type of Blank : Ambient Blank						
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics Analyte : 1,1,2-Trichloroethane, cont.						
Type of Blank : Ambient Blank						
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics Analyte : 1,1,2-Trichloroethane						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	1.2	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.2	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 1.2			
Method : SW8240 - Volatile Organics Analyte : 1,1,2-Trichloroethane						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics Analyte : 1,1-Dichloroethane						
Type of Blank : Ambient Blank						
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : 1,1-Dichloroethane						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	1.6	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.8	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 1.81			
Method : SW8240 - Volatile Organics						
Analyte : 1,1-Dichloroethane						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : 1,1-Dichloroethene						
Type of Blank : Ambient Blank						
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : 1,1-Dichloroethene						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	1.6	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : 1,1-Dichloroethene, cont.						
Type of Blank : Method Blank						
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.6	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 1.6			
Method : SW8240 - Volatile Organics						
Analyte : 1,1-Dichloroethene						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : 1,2-Dichloroethane						
Type of Blank : Ambient Blank						
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : 1,2-Dichloroethane						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	1.3	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.3	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : 1,2-Dichloroethane, cont.						
Type of Blank : Method Blank						
Total Number of Blanks = 5				Concentration Range 0.00000 - 0.00000		
Total Number above Detection Limit = 3				Maximum Detection Limit = 1.3		
Method : SW8240 - Volatile Organics						
Analyte : 1,2-Dichloroethane						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 1		
Method : SW8240 - Volatile Organics						
Analyte : 1,2-Dichloropropane						
Type of Blank : Ambient Blank						
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 1		
Method : SW8240 - Volatile Organics						
Analyte : 1,2-Dichloropropane						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	0.60	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.3	ug/L	1
Total Number of Blanks = 5				Concentration Range 0.00000 - 0.00000		
Total Number above Detection Limit = 3				Maximum Detection Limit = 1.3		

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : 1,2-Dichloropropane						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : 2-Butanone(MEK)						
Type of Blank : Ambient Blank						
08/18/93	AB-03	VOA*93228	ND	5.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	5.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	5.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	5.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 5			
Method : SW8240 - Volatile Organics						
Analyte : 2-Butanone(MEK)						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	5.8	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	5.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	5.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	5.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	0.87	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 5.8			
Method : SW8240 - Volatile Organics						
Analyte : 2-Butanone(MEK)						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	16.0	5.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	5.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	5.0	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : 2-Butanone(MEK), cont.						
Type of Blank : Trip Blank						
Total Number of Blanks = 3			Concentration Range 16.0 - 16.0			
Total Number above Detection Limit = 1			Maximum Detection Limit = 5			
Method : SW8240 - Volatile Organics						
Analyte : 2-Chloroethyl vinyl ether						
Type of Blank : Ambient Blank						
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : 2-Chloroethyl vinyl ether						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	8.1	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	2.3	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 8.1			
Method : SW8240 - Volatile Organics						
Analyte : 2-Chloroethyl vinyl ether						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : 2-Chloroethyl vinyl ether, cont.						
Type of Blank : Trip Blank						
Method : SW8240 - Volatile Organics						
Analyte : 2-Hexanone						
Type of Blank : Ambient Blank						
08/18/93	AB-02	VOA*93228	ND	5.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	5.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	5.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	5.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 5			
Method : SW8240 - Volatile Organics						
Analyte : 2-Hexanone						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	4.5	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	5.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	5.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	5.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.6	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 5			
Method : SW8240 - Volatile Organics						
Analyte : 2-Hexanone						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	5.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	5.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	5.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 5			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics							
Analyte : 4-Methyl-2-pentanone(MIBK)							
Type of Blank : Ambient Blank							
08/18/93	AB-03	VOA*93228	ND		5.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND		5.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND		5.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND		5.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 5				
Method : SW8240 - Volatile Organics							
Analyte : 4-Methyl-2-pentanone(MIBK)							
Type of Blank : Method Blank							
06/26/93	BLK931139	MS4502306260811	ND		2.3	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00		5.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00		5.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00		5.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND		1.0	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000				
Total Number above Detection Limit = 3			Maximum Detection Limit = 5				
Method : SW8240 - Volatile Organics							
Analyte : 4-Methyl-2-pentanone(MIBK)							
Type of Blank : Trip Blank							
08/16/93	TB-01-02	VOA*93224	ND		5.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND		5.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND		5.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 5				
Method : SW8240 - Volatile Organics							
Analyte : Acetone							
Type of Blank : Ambient Blank							
08/18/93	AB-02	VOA*93228	43.0		20.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND		20.0	ug/L	1
08/18/93	AB-03	VOA*93228	13.0	(J)	20.0	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics							
Analyte : Acetone, cont.							
Type of Blank : Ambient Blank							
08/25/93	AB-04	VOA*93238	ND		20.0	ug/L	1
Total Number of Blanks = 4			Concentration Range 43.0 - 43.0				
Total Number above Detection Limit = 1			Maximum Detection Limit = 20				
Method : SW8240 - Volatile Organics							
Analyte : Acetone							
Type of Blank : Method Blank							
06/26/93	BLK931139	MS4502306260811	ND		29.0	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00		20.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00		20.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.88		20.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND		15.5	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.88				
Total Number above Detection Limit = 3			Maximum Detection Limit = 29				
Method : SW8240 - Volatile Organics							
Analyte : Acetone							
Type of Blank : Trip Blank							
08/16/93	TB-01-02	VOA*93224	37.0		20.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	7.6	(J)	20.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND		20.0	ug/L	1
Total Number of Blanks = 3			Concentration Range 37.0 - 37.0				
Total Number above Detection Limit = 1			Maximum Detection Limit = 20				
Method : SW8240 - Volatile Organics							
Analyte : Benzene							
Type of Blank : Ambient Blank							
08/18/93	AB-03	VOA*93228	ND		1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND		1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND		1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND		1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Benzene, cont.						
Type of Blank : Ambient Blank						
Total Number above Detection Limit = 0				Maximum Detection Limit = 1		
Method : SW8240 - Volatile Organics						
Analyte : Benzene						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	0.70	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.2	ug/L	1
Total Number of Blanks = 5				Concentration Range 0.00000 - 0.00000		
Total Number above Detection Limit = 3				Maximum Detection Limit = 1.16		
Method : SW8240 - Volatile Organics						
Analyte : Benzene						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 1		
Method : SW8240 - Volatile Organics						
Analyte : Bromodichloromethane						
Type of Blank : Ambient Blank						
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 1		

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Bromodichloromethane						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	0.70	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	2.6	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 2.61			
Method : SW8240 - Volatile Organics						
Analyte : Bromodichloromethane						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Bromomethane						
Type of Blank : Ambient Blank						
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Bromomethane						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	3.1	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Bromomethane, cont.						
Type of Blank : Method Blank						
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.5	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 3.1			
Method : SW8240 - Volatile Organics						
Analyte : Bromomethane						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Carbon disulfide						
Type of Blank : Ambient Blank						
08/18/93	AB-03	VOA*93228	ND	2.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	2.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	2.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	2.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 2			
Method : SW8240 - Volatile Organics						
Analyte : Carbon disulfide						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	4.3	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	2.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	2.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	2.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	2.3	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Carbon disulfide, cont.						
Type of Blank : Method Blank						
Total Number of Blanks = 5				Concentration Range 0.00000 - 0.00000		
Total Number above Detection Limit = 3				Maximum Detection Limit = 4.3		
Method : SW8240 - Volatile Organics						
Analyte : Carbon disulfide						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	2.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	2.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	2.0	ug/L	1
Total Number of Blanks = 3				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 2		
Method : SW8240 - Volatile Organics						
Analyte : Carbon tetrachloride						
Type of Blank : Ambient Blank						
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 1		
Method : SW8240 - Volatile Organics						
Analyte : Carbon tetrachloride						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	1.8	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.7	ug/L	1
Total Number of Blanks = 5				Concentration Range 0.00000 - 0.00000		
Total Number above Detection Limit = 3				Maximum Detection Limit = 1.8		

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Carbon tetrachloride						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Chlorobenzene						
Type of Blank : Ambient Blank						
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Chlorobenzene						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	1.1	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.2	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 1.15			
Method : SW8240 - Volatile Organics						
Analyte : Chlorobenzene						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	Method : SW8240 - Volatile Organics					
	Analyte : Chlorobenzene, cont.					
	Type of Blank : Trip Blank					
	Total Number of Blanks = 3		Concentration Range NC			
	Total Number above Detection Limit = 0		Maximum Detection Limit = 1			
	Method : SW8240 - Volatile Organics					
	Analyte : Chloroethane					
	Type of Blank : Ambient Blank					
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
	Total Number of Blanks = 4		Concentration Range NC			
	Total Number above Detection Limit = 0		Maximum Detection Limit = 1			
	Method : SW8240 - Volatile Organics					
	Analyte : Chloroethane					
	Type of Blank : Method Blank					
06/26/93	BLK931139	MS4502306260811	ND	1.4	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.7	ug/L	1
	Total Number of Blanks = 5		Concentration Range 0.00000 - 0.00000			
	Total Number above Detection Limit = 3		Maximum Detection Limit = 1.65			
	Method : SW8240 - Volatile Organics					
	Analyte : Chloroethane					
	Type of Blank : Trip Blank					
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
	Total Number of Blanks = 3		Concentration Range NC			
	Total Number above Detection Limit = 0		Maximum Detection Limit = 1			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Chloroethane, cont.						
Type of Blank : Trip Blank						
Method : SW8240 - Volatile Organics						
Analyte : Chloroform						
Type of Blank : Ambient Blank						
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	1.2	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range 1.2 - 1.2			
Total Number above Detection Limit = 1			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Chloroform						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	1.0	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.5	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 1.53			
Method : SW8240 - Volatile Organics						
Analyte : Chloroform						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Chloromethane						
Type of Blank : Ambient Blank						
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Chloromethane						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	1.9	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.0	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 1.9			
Method : SW8240 - Volatile Organics						
Analyte : Chloromethane						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Dibromochloromethane						
Type of Blank : Ambient Blank						
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Dibromochloromethane, cont.						
Type of Blank : Ambient Blank						
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Dibromochloromethane						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	0.90	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.6	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 1.6			
Method : SW8240 - Volatile Organics						
Analyte : Dibromochloromethane						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Ethylbenzene						
Type of Blank : Ambient Blank						
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Ethylbenzene, cont.						
Type of Blank : Ambient Blank						
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Ethylbenzene						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	0.80	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.5	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 1.45			
Method : SW8240 - Volatile Organics						
Analyte : Ethylbenzene						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Methylene chloride						
Type of Blank : Ambient Blank						
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	2.9	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range 2.9 - 2.9			
Total Number above Detection Limit = 1			Maximum Detection Limit = 1			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Methylene chloride						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	4.8	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.7	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 4.8			
Method : SW8240 - Volatile Organics						
Analyte : Methylene chloride						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Styrene						
Type of Blank : Ambient Blank						
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Styrene						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	0.70	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Styrene, cont.						
Type of Blank : Method Blank						
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.3	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 1.29			
Method : SW8240 - Volatile Organics						
Analyte : Styrene						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Tetrachloroethene						
Type of Blank : Ambient Blank						
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Tetrachloroethene						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	1.8	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.8	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics Analyte : Tetrachloroethene, cont.							
Type of Blank : Method Blank							
Total Number of Blanks = 5 Total Number above Detection Limit = 3			Concentration Range 0.00000 - 0.00000 Maximum Detection Limit = 1.84				
Method : SW8240 - Volatile Organics Analyte : Tetrachloroethene							
Type of Blank : Trip Blank							
08/16/93	TB-01-02	VOA*93224	ND		1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND		1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND		1.0	ug/L	1
Total Number of Blanks = 3 Total Number above Detection Limit = 0			Concentration Range NC Maximum Detection Limit = 1				
Method : SW8240 - Volatile Organics Analyte : Toluene							
Type of Blank : Ambient Blank							
08/18/93	AB-01	VOA*93228	ND		1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND		1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND		1.0	ug/L	1
08/25/93	AB-04	VOA*93238	0.19	(J)	1.0	ug/L	1
Total Number of Blanks = 4 Total Number above Detection Limit = 0			Concentration Range NC Maximum Detection Limit = 1				
Method : SW8240 - Volatile Organics Analyte : Toluene							
Type of Blank : Method Blank							
06/26/93	BLK931139	MS4502306260811	ND		0.90	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00		1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00		1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.23		1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND		2.8	ug/L	1
Total Number of Blanks = 5 Total Number above Detection Limit = 3			Concentration Range 0.00000 - 0.23 Maximum Detection Limit = 2.84				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics							
Analyte : Toluene							
Type of Blank : Trip Blank							
08/16/93	TB-01-02	VOA*93224	ND		1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	0.23	(J)	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND		1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 1				
Method : SW8240 - Volatile Organics							
Analyte : Tribromomethane(Bromoform)							
Type of Blank : Ambient Blank							
08/18/93	AB-01	VOA*93228	ND		1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND		1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND		1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND		1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 1				
Method : SW8240 - Volatile Organics							
Analyte : Tribromomethane(Bromoform)							
Type of Blank : Method Blank							
06/26/93	BLK931139	MS4502306260811	ND		1.2	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00		1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00		1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00		1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND		1.3	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000				
Total Number above Detection Limit = 3			Maximum Detection Limit = 1.29				
Method : SW8240 - Volatile Organics							
Analyte : Tribromomethane(Bromoform)							
Type of Blank : Trip Blank							
08/16/93	TB-01-02	VOA*93224	ND		1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND		1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND		1.0	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Tribromomethane(Bromoform), cont.						
Type of Blank : Trip Blank						
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Trichloroethene						
Type of Blank : Ambient Blank						
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Trichloroethene						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	1.2	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.2	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 1.2			
Method : SW8240 - Volatile Organics						
Analyte : Trichloroethene						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Trichloroethene, cont.						
Type of Blank : Trip Blank						
Method : SW8240 - Volatile Organics						
Analyte : Vinyl acetate						
Type of Blank : Ambient Blank						
08/18/93	AB-02	VOA*93228	ND	10.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	10.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	10.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	10.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 10			
Method : SW8240 - Volatile Organics						
Analyte : Vinyl acetate						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	3.2	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	10.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	10.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	10.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.1	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 10			
Method : SW8240 - Volatile Organics						
Analyte : Vinyl acetate						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	10.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	10.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	10.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 10			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Vinyl chloride						
Type of Blank : Ambient Blank						
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Vinyl chloride						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	1.5	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.1	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 1.5			
Method : SW8240 - Volatile Organics						
Analyte : Vinyl chloride						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : Xylene (total)						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	1.5	ug/L	1
Total Number of Blanks = 1			Concentration Range NC			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Xylene (total), cont.						
Type of Blank : Method Blank						
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.5			
Method : SW8240 - Volatile Organics						
Analyte : cis-1,2-Dichloroethene						
Type of Blank : Ambient Blank						
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : cis-1,2-Dichloroethene						
Type of Blank : Method Blank						
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : cis-1,2-Dichloroethene						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : cis-1,3-Dichloropropene						
Type of Blank : Ambient Blank						
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : cis-1,3-Dichloropropene						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	0.40	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.2	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 1.21			
Method : SW8240 - Volatile Organics						
Analyte : cis-1,3-Dichloropropene						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : m & p-Xylene						
Type of Blank : Ambient Blank						
08/18/93	AB-01	VOA*93228	ND	3.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	3.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	3.0	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : m & p-Xylene, cont.						
Type of Blank : Ambient Blank						
08/25/93	AB-04	VOA*93238	ND	3.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 3			
Method : SW8240 - Volatile Organics						
Analyte : m & p-Xylene						
Type of Blank : Method Blank						
08/16/93	-- METHOD	VOA*93224	0.00	3.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	3.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	3.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	2.6	ug/L	1
Total Number of Blanks = 4			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 3			
Method : SW8240 - Volatile Organics						
Analyte : m & p-Xylene						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	3.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	3.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	3.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 3			
Method : SW8240 - Volatile Organics						
Analyte : o-Xylene						
Type of Blank : Ambient Blank						
08/18/93	AB-01	VOA*93228	ND	2.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	2.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	2.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	2.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 2			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : o-Xylene, cont.						
Type of Blank : Ambient Blank						
Method : SW8240 - Volatile Organics						
Analyte : o-Xylene						
Type of Blank : Method Blank						
08/16/93	-- METHOD	VOA*93224	0.00	2.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	2.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	2.0	ug/L	1
Total Number of Blanks = 3			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 2			
Method : SW8240 - Volatile Organics						
Analyte : o-Xylene						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	2.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	2.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	2.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 2			
Method : SW8240 - Volatile Organics						
Analyte : trans-1,2-Dichloroethene						
Type of Blank : Ambient Blank						
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics						
Analyte : trans-1,2-Dichloroethene						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	1.6	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.3	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			
Total Number above Detection Limit = 3			Maximum Detection Limit = 1.6			
Method : SW8240 - Volatile Organics Analyte : trans-1,2-Dichloroethene						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics Analyte : trans-1,3-Dichloropropene						
Type of Blank : Ambient Blank						
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
Total Number of Blanks = 4			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8240 - Volatile Organics Analyte : trans-1,3-Dichloropropene						
Type of Blank : Method Blank						
06/26/93	BLK931139	MS4502306260811	ND	0.30	ug/L	1
08/16/93	-- METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	-- METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	-- METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.5	ug/L	1
Total Number of Blanks = 5			Concentration Range 0.00000 - 0.00000			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : trans-1,3-Dichloropropene, cont.						
Type of Blank : Method Blank						
Total Number above Detection Limit = 3				Maximum Detection Limit = 1.53		
Method : SW8240 - Volatile Organics						
Analyte : trans-1,3-Dichloropropene						
Type of Blank : Trip Blank						
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Total Number of Blanks = 3				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 1		
Method : SW8270 - Semivolatile Organics						
Analyte : 1,2,4-Trichlorobenzene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.59	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.65	ug/L	1
Total Number of Blanks = 2				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.646		
Method : SW8270 - Semivolatile Organics						
Analyte : 1,2,4-Trichlorobenzene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.59	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.59	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.59	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.59	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.59	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.59	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.59	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.59	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.59	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.59	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.59	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.59	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 1,2,4-Trichlorobenzene, cont.						
Type of Blank : Method Blank						
09/24/93	MB	MSMSD2309240819	ND	0.59	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.59	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.59	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.591			
Method : SW8270 - Semivolatile Organics						
Analyte : 1,2-Dichlorobenzene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.64	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.70	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.698			
Method : SW8270 - Semivolatile Organics						
Analyte : 1,2-Dichlorobenzene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.64	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.64	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.64	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.64	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.64	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.78	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.64	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.64	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.78	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.78	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.78	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.78	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.64	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.64	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.64	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.78			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 1,3-Dichlorobenzene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.72	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.79	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.788			
Method : SW8270 - Semivolatile Organics						
Analyte : 1,3-Dichlorobenzene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.72	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.72	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.72	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.72	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.39	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.72	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.72	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.72	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.40	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.40	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.40	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.40	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.72	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.72	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.72	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.72			
Method : SW8270 - Semivolatile Organics						
Analyte : 1,4-Dichlorobenzene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.59	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.65	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.646			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 1,4-Dichlorobenzene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.59	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.59	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.59	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.59	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.81	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.59	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.59	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.59	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.81	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.81	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.81	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.81	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.59	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.59	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.59	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.81			
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4,5-Trichlorophenol						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.51	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.56	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.559			
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4,5-Trichlorophenol						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.51	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.51	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.51	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.51	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.51	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.33	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.51	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.51	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4,5-Trichlorophenol, cont.						
Type of Blank : Method Blank						
08/17/93	MB	MSMSD1308171507	ND	0.33	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.33	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.33	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.33	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.51	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.51	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.51	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.51			
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4,6-Trichlorophenol						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.50	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.56	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.556			
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4,6-Trichlorophenol						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.50	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.50	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.50	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.50	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.50	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.35	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.50	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.51	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.35	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.35	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.35	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.35	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.51	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.51	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.51	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4,6-Trichlorophenol, cont.						
Type of Blank : Method Blank						
Total Number of Blanks = 15				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.506		
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dichlorophenol						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.57	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.63	ug/L	1
Total Number of Blanks = 2				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.625		
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dichlorophenol						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.57	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.57	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.57	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.57	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.44	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.57	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.57	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.57	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.44	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.44	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.44	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.44	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.57	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.57	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.57	ug/L	1
Total Number of Blanks = 15				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.57		
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dimethylphenol						
Type of Blank : Equipment Blank						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	1.3	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	1.4	ug/L	1

Total Number of Blanks = 2 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 1.43

Method : SW8270 - Semivolatile Organics
Analyte : 2,4-Dimethylphenol

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	1.3	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	1.3	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	1.3	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	1.3	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	1.3	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	1.1	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	1.3	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	1.3	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	1.1	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	1.1	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	1.1	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	1.1	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	1.3	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	1.3	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	1.3	ug/L	1

Total Number of Blanks = 15 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 1.3

Method : SW8270 - Semivolatile Organics
Analyte : 2,4-Dinitrophenol

Type of Blank : Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	4.2	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	4.6	ug/L	1

Total Number of Blanks = 2 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 4.59

Method : SW8270 - Semivolatile Organics
Analyte : 2,4-Dinitrophenol

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	4.2	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dinitrophenol, cont.						
Type of Blank : Method Blank						
06/15/93	MB	MSMSD2306150816	ND	4.2	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	4.2	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	4.2	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	4.2	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	7.5	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	4.2	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	4.2	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	7.0	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	7.0	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	7.0	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	7.0	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	4.2	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	4.2	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	4.2	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 7.5			
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dinitrotoluene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.59	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.65	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.649			
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dinitrotoluene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.59	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.59	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.59	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.59	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.59	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.55	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.59	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.59	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.55	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dinitrotoluene, cont.						
Type of Blank : Method Blank						
08/25/93	MB	MSMSD1308251013	ND	0.55	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.55	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.55	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.59	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.59	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.59	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.591			
Method : SW8270 - Semivolatile Organics						
Analyte : 2,6-Dinitrotoluene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.86	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.95	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.946			
Method : SW8270 - Semivolatile Organics						
Analyte : 2,6-Dinitrotoluene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.86	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.86	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.86	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.86	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.35	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.86	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.86	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.86	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.35	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.35	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.35	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.35	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.86	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.86	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.86	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2,6-Dinitrotoluene, cont.						
Type of Blank : Method Blank						
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.861		
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Chloronaphthalene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.39	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.43	ug/L	1
Total Number of Blanks = 2				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.431		
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Chloronaphthalene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.39	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.39	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.39	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.39	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.39	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.32	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.39	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.39	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.32	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.32	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.32	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.32	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.39	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.39	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.39	ug/L	1
Total Number of Blanks = 15				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.392		
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Chlorophenol						
Type of Blank : Equipment Blank						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Chlorophenol, cont.						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.64	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.70	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.698			
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Chlorophenol						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.64	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.64	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.64	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.64	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.76	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.64	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.64	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.64	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.76	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.76	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.76	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.76	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.64	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.64	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.64	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.764			
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Methylnaphthalene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.36	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.40	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.4			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Methylnaphthalene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.36	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.36	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.36	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.36	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.66	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.36	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.36	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.36	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.66	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.66	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.66	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.36	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.36	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.36	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.66			
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Methylphenol (o-cresol)						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.31	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.34	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.341			
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Methylphenol (o-cresol)						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.31	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.31	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.31	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.31	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.53	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.31	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.31	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.31	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.53	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Methylphenol (o-cresol), cont.						
Type of Blank : Method Blank						
08/25/93	MB	MSMSD1308251013	ND	0.53	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.53	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.31	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.31	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.31	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.534			
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Nitroaniline						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.66	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.73	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.729			
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Nitroaniline						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.66	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.66	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.66	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.66	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.40	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.66	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.66	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.66	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.40	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.40	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.40	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.66	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.66	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.66	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.663			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Nitrophenol						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.52	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.57	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.574			
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Nitrophenol						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.52	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.52	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.52	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.52	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.44	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.52	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.52	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.52	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.44	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.44	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.44	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.44	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.52	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.52	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.52	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.522			
Method : SW8270 - Semivolatile Organics						
Analyte : 3,3'-Dichlorobenzidine						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.33	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.37	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.366			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 3,3'-Dichlorobenzidine						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.33	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.33	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.33	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.33	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.33	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.49	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.33	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.33	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.49	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.49	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.49	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.49	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.33	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.33	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.33	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.49			
Method : SW8270 - Semivolatile Organics						
Analyte : 3-Nitroaniline						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.39	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.43	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.432			
Method : SW8270 - Semivolatile Organics						
Analyte : 3-Nitroaniline						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.39	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.39	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.39	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.39	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.39	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.51	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.39	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.39	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 3-Nitroaniline, cont.						
Type of Blank : Method Blank						
08/17/93	MB	MSMSD1308171507	ND	0.51	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.51	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.51	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.39	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.39	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.39	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.51			
Method : SW8270 - Semivolatile Organics						
Analyte : 4,6-Dinitro-2-methylphenol						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.43	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.47	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.473			
Method : SW8270 - Semivolatile Organics						
Analyte : 4,6-Dinitro-2-methylphenol						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.43	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.43	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.43	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.43	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.85	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.43	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.43	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.43	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.79	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.79	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.79	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.79	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.43	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.43	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.43	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 4,6-Dinitro-2-methylphenol, cont.						
Type of Blank : Method Blank						
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.85			
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Bromophenyl phenyl ether						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.49	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.53	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.532			
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Bromophenyl phenyl ether						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.49	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.49	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.49	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.49	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.49	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.46	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.49	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.48	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.46	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.46	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.46	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.46	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.48	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.48	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.48	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.49			
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Chloro-3-methylphenol						
Type of Blank : Equipment Blank						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Chloro-3-methylphenol, cont.						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.52	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.57	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.566			
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Chloro-3-methylphenol						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.52	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.52	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.52	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.52	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.72	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.52	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.52	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.52	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.72	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.72	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.72	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.72	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.52	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.52	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.52	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.723			
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Chloroaniline						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.74	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.82	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.819			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Chloroaniline						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.74	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.74	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.74	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.74	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.56	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.74	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.74	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.75	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.56	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.56	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.56	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.75	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.75	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.75	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.745			
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Chlorophenyl phenyl ether						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.42	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.46	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.463			
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Chlorophenyl phenyl ether						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.42	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.42	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.42	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.42	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.42	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.53	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.42	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.42	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.53	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Chlorophenyl phenyl ether, cont.						
Type of Blank : Method Blank						
08/25/93	MB	MSMSD1308251013	ND	0.53	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.53	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.53	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.42	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.42	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.42	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.53			
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Methylphenol(p-cresol)						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.46	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.50	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.504			
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Methylphenol(p-cresol)						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.46	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.46	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.46	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.46	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.58	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.46	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.46	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.46	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.58	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.58	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.58	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.46	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.46	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.46	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.58			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Methylphenol(p-cresol), cont.						
Type of Blank : Method Blank						
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Nitroaniline						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.61	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.67	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.666			
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Nitroaniline						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.61	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.61	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.61	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.61	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.61	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.48	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.61	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.61	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.48	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.48	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.48	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.61	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.61	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.61	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.61			
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Nitrophenol						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.94	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	1.0	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Nitrophenol, cont.						
Type of Blank : Equipment Blank						
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.03			
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Nitrophenol						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.94	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.94	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.94	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.94	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.94	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.69	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.94	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.94	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.69	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.69	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.69	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.69	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.94	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.94	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.94	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.94			
Method : SW8270 - Semivolatile Organics						
Analyte : Acenaphthene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.27	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.30	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.299			
Method : SW8270 - Semivolatile Organics						
Analyte : Acenaphthene						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.27	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.27	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.27	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.27	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.27	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.48	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.27	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.27	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.48	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.48	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.48	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.48	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.27	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.27	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.27	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.48			
Method : SW8270 - Semivolatile Organics						
Analyte : Acenaphthylene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.42	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.46	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.459			
Method : SW8270 - Semivolatile Organics						
Analyte : Acenaphthylene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.42	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.42	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.42	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.42	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.42	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.23	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.42	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.42	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.23	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.23	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.23	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.23	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Acenaphthylene, cont.						
Type of Blank : Method Blank						
09/24/93	MB	MSMSD2309240819	ND	0.42	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.42	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.42	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.42			
Method : SW8270 - Semivolatile Organics						
Analyte : Anthracene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.37	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.40	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.404			
Method : SW8270 - Semivolatile Organics						
Analyte : Anthracene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.37	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.37	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.37	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.37	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.58	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.37	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.37	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.37	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.58	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.58	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.58	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.58	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.37	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.37	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.37	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.581			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(a)anthracene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.45	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.49	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.493			
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(a)anthracene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.45	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.45	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.45	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.45	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.51	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.45	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.45	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.45	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.52	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.52	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.52	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.52	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.45	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.45	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.45	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.515			
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(a)pyrene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.52	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.57	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.569			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(a)pyrene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.52	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.52	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.52	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.52	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.38	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.52	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.52	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.52	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.38	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.38	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.38	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.38	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.52	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.52	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.52	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.52			
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(b)fluoranthene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.91	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	1.00	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.998			
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(b)fluoranthene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.91	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.91	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.91	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.91	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.57	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.91	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.91	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.91	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(b)fluoranthene, cont.						
Type of Blank : Method Blank						
08/17/93	MB	MSMSD1308171507	ND	0.57	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.57	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.57	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.57	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.91	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.91	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.91	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.91			
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(g,h,i)perylene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	1.0	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	1.1	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.12			
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(g,h,i)perylene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	1.0	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	1.0	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	1.0	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	1.0	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.49	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	1.0	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	1.0	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	1.0	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.49	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.49	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.49	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.49	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	1.0	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	1.0	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	1.0	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(g,h,i)perylene, cont.						
Type of Blank : Method Blank						
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.02			
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(k)fluoranthene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	1.0	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	1.1	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.1			
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(k)fluoranthene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	1.0	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	1.0	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	1.0	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	1.0	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.97	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	1.0	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	1.0	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	1.00	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.97	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.97	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.97	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.97	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	1.00	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	1.00	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	1.00	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1			
Method : SW8270 - Semivolatile Organics						
Analyte : Benzoic acid						
Type of Blank : Equipment Blank						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	39.0	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	42.4	ug/L	1

Total Number of Blanks = 2 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 42.4

Method : SW8270 - Semivolatile Organics
Analyte : Benzoic acid

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	39.0	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	39.0	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	39.0	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	39.0	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	4.2	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	39.0	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	39.0	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	38.6	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	4.0	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	4.0	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	4.0	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	38.6	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	38.6	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	38.6	ug/L	1

Total Number of Blanks = 14 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 39

Method : SW8270 - Semivolatile Organics
Analyte : Benzyl alcohol

Type of Blank : Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.61	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.67	ug/L	1

Total Number of Blanks = 2 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.67

Method : SW8270 - Semivolatile Organics
Analyte : Benzyl alcohol

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.61	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.61	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Benzyl alcohol, cont.						
Type of Blank : Method Blank						
06/16/93	MB	MSMSD2306160814	ND	0.61	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.61	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	1.1	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.61	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.61	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.61	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	1.1	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	1.1	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	1.1	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.61	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.61	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.61	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.1			
Method : SW8270 - Semivolatile Organics						
Analyte : Butylbenzylphthalate						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.62	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.69	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.687			
Method : SW8270 - Semivolatile Organics						
Analyte : Butylbenzylphthalate						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.62	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.62	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.62	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.62	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.62	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.39	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.62	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.63	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.39	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.39	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.39	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Butylbenzylphthalate, cont.						
Type of Blank : Method Blank						
09/23/93	MB	MSMSD1309230953	ND	0.39	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.63	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.63	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.63	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.625			
Method : SW8270 - Semivolatile Organics						
Analyte : Chrysene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.54	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.59	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.59			
Method : SW8270 - Semivolatile Organics						
Analyte : Chrysene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.54	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.54	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.54	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.54	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.54	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.67	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.54	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.54	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.67	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.67	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.67	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.67	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.54	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.54	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.54	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.67			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Di-n-butylphthalate						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.32	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.36	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.356			
Method : SW8270 - Semivolatile Organics						
Analyte : Di-n-butylphthalate						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.32	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.32	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.32	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.32	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.32	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.49	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.32	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.32	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.49	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.49	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.49	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.49	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.32	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.32	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.32	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.493			
Method : SW8270 - Semivolatile Organics						
Analyte : Di-n-octylphthalate						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.35	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.39	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.387			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Di-n-octylphthalate						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.35	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.35	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.35	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.35	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.91	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.35	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.35	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.35	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.91	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.91	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.91	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.91	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.35	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.35	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.35	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.911			
Method : SW8270 - Semivolatile Organics						
Analyte : Dibenz(a,h)anthracene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.81	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.89	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.891			
Method : SW8270 - Semivolatile Organics						
Analyte : Dibenz(a,h)anthracene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.81	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.81	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.81	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.81	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.81	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.47	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.81	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.81	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Dibenz(a,h)anthracene, cont.						
Type of Blank : Method Blank						
08/17/93	MB	MSMSD1308171507	ND	0.47	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.47	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.47	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.47	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.81	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.81	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.81	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.811			
Method : SW8270 - Semivolatile Organics						
Analyte : Dibenzofuran						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.54	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.59	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.59			
Method : SW8270 - Semivolatile Organics						
Analyte : Dibenzofuran						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.54	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.54	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.54	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.54	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.41	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.54	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.54	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.54	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.41	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.41	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.41	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.54	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.54	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.54	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Dibenzofuran, cont.						
Type of Blank : Method Blank						
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.54			
Method : SW8270 - Semivolatile Organics						
Analyte : Diethylphthalate						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.52	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.57	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.566			
Method : SW8270 - Semivolatile Organics						
Analyte : Diethylphthalate						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.52	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.52	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.52	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.52	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.52	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.34	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.52	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.52	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.34	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.34	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.34	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.34	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.52	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.52	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.52	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.52			
Method : SW8270 - Semivolatile Organics						
Analyte : Dimethylphthalate						
Type of Blank : Equipment Blank						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Dimethylphthalate, cont.						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.34	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.37	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.369			
Method : SW8270 - Semivolatile Organics						
Analyte : Dimethylphthalate						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.34	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.34	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.34	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.34	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.34	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.28	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.34	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.34	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.28	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.28	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.28	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.28	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.34	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.34	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.34	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.34			
Method : SW8270 - Semivolatile Organics						
Analyte : Diphenylamine/N-NitrosoDPA						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.27	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.30	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.296			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Diphenylamine/N-NitrosoDPA						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.27	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.27	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.27	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.27	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.27	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.56	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.27	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.28	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.57	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.57	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.57	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.27	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.27	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.27	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.566			
Method : SW8270 - Semivolatile Organics						
Analyte : Fluoranthene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.47	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.52	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.518			
Method : SW8270 - Semivolatile Organics						
Analyte : Fluoranthene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.47	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.47	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.47	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.47	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.64	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.47	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.47	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.47	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.64	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Fluoranthene, cont.						
Type of Blank : Method Blank						
08/25/93	MB	MSMSD1308251013	ND	0.64	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.64	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.64	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.47	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.47	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.47	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.64			
Method : SW8270 - Semivolatile Organics						
Analyte : Fluorene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.38	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.42	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.418			
Method : SW8270 - Semivolatile Organics						
Analyte : Fluorene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.38	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.38	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.38	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.38	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.38	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.34	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.38	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.38	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.34	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.34	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.34	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.34	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.38	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.38	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.38	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Fluorene, cont.						
Type of Blank : Method Blank						
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.38			
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorobenzene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.31	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.35	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.345			
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorobenzene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.31	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.31	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.31	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.31	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.31	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.23	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.31	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.31	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.23	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.23	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.23	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.23	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.31	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.31	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.31	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.314			
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorobutadiene						
Type of Blank : Equipment Blank						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorobutadiene, cont.						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.51	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.56	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.563			
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorobutadiene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.51	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.51	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.51	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.51	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.51	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.70	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.51	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.51	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.70	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.70	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.70	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.70	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.51	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.51	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.51	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.7			
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorocyclopentadiene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	5.9	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	6.5	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 6.47			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorocyclopentadiene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	5.9	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	5.9	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	5.9	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	5.9	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	8.9	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	5.9	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	5.9	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	5.9	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	8.9	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	8.9	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	8.9	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	5.9	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	5.9	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	5.9	ug/L	1
Total Number of Blanks = 14			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 8.92			
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachloroethane						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.63	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.70	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.698			
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachloroethane						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.63	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.63	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.63	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.63	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.63	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.59	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.63	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.64	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.59	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachloroethane, cont.						
Type of Blank : Method Blank						
08/25/93	MB	MSMSD1308251013	ND	0.59	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.59	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.59	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.64	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.64	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.64	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.635			
Method : SW8270 - Semivolatile Organics						
Analyte : Indeno(1,2,3-cd)pyrene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	1.3	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	1.5	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.46			
Method : SW8270 - Semivolatile Organics						
Analyte : Indeno(1,2,3-cd)pyrene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	1.3	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	1.3	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	1.3	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	1.3	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	1.3	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.52	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	1.3	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	1.3	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.53	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.53	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.53	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.53	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	1.3	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	1.3	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	1.3	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Indeno(1,2,3-cd)pyrene, cont.						
Type of Blank : Method Blank						
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.33			
Method : SW8270 - Semivolatile Organics						
Analyte : Isophorone						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.62	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.68	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.677			
Method : SW8270 - Semivolatile Organics						
Analyte : Isophorone						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.62	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.62	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.62	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.62	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.29	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.62	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.62	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.62	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.29	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.29	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.29	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.29	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.62	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.62	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.62	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.62			
Method : SW8270 - Semivolatile Organics						
Analyte : N-Nitroso-di-n-propylamine						
Type of Blank : Equipment Blank						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : N-Nitroso-di-n-propylamine, cont.						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.65	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.72	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.719			
Method : SW8270 - Semivolatile Organics						
Analyte : N-Nitroso-di-n-propylamine						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.65	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.65	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.65	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.65	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.75	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.65	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.65	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.65	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.75	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.75	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.75	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.75	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.65	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.65	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.65	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.751			
Method : SW8270 - Semivolatile Organics						
Analyte : Naphthalene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.48	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.53	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.525			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Naphthalene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.48	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.48	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.48	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.48	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.48	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.73	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.48	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.48	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.73	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.73	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.73	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.73	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.48	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.48	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.48	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.73			
Method : SW8270 - Semivolatile Organics						
Analyte : Nitrobenzene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.84	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.93	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.925			
Method : SW8270 - Semivolatile Organics						
Analyte : Nitrobenzene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.84	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.84	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.84	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.84	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.53	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.84	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.84	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.84	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Nitrobenzene, cont.						
Type of Blank : Method Blank						
08/17/93	MB	MSMSD1308171507	ND	0.53	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.53	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.53	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.53	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.84	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.84	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.84	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.842			
Method : SW8270 - Semivolatile Organics						
Analyte : Pentachlorophenol						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.89	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.98	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.977			
Method : SW8270 - Semivolatile Organics						
Analyte : Pentachlorophenol						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.89	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.89	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.89	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.89	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.86	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.89	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.89	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.89	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.86	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.86	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.86	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.86	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.89	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.89	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.89	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Pentachlorophenol, cont.						
Type of Blank : Method Blank						
Total Number of Blanks = 15				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.89		
Method : SW8270 - Semivolatile Organics						
Analyte : Phenanthrene						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.47	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.51	ug/L	1
Total Number of Blanks = 2				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.514		
Method : SW8270 - Semivolatile Organics						
Analyte : Phenanthrene						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.47	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.47	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.47	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.47	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.62	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.47	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.47	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.47	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.62	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.62	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.62	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.62	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.47	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.47	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.47	ug/L	1
Total Number of Blanks = 15				Concentration Range NC		
Total Number above Detection Limit = 0				Maximum Detection Limit = 0.622		
Method : SW8270 - Semivolatile Organics						
Analyte : Phenol						
Type of Blank : Equipment Blank						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.88	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.97	ug/L	1

Total Number of Blanks = 2 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.97

Method : SW8270 - Semivolatile Organics
Analyte : Phenol

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.88	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.88	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.88	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.88	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.88	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.40	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.88	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.88	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.40	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.40	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.40	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.40	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.88	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.88	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.88	ug/L	1

Total Number of Blanks = 15 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.883

Method : SW8270 - Semivolatile Organics
Analyte : Pyrene

Type of Blank : Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.41	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.45	ug/L	1

Total Number of Blanks = 2 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.448

Method : SW8270 - Semivolatile Organics
Analyte : Pyrene

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.41	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Pyrene, cont.						
Type of Blank : Method Blank						
06/15/93	MB	MSMSD2306150816	ND	0.41	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.41	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.41	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.41	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.47	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.41	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.41	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.47	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.47	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.47	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.47	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.41	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.41	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.41	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.47			
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroethoxy)methane						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.61	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.67	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.666			
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroethoxy)methane						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.61	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.61	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.61	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.61	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.61	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.56	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.61	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.61	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.56	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroethoxy)methane, cont.						
Type of Blank : Method Blank						
08/25/93	MB	MSMSD1308251013	ND	0.56	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.56	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.56	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.61	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.61	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.61	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.61			
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroethyl)ether						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.38	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.42	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.421			
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroethyl)ether						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.38	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.38	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.38	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.38	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.73	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.38	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.38	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.38	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.73	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.73	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.73	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.73	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.38	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.38	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.38	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroethyl)ether, cont.						
Type of Blank : Method Blank						
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.732			
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroisopropyl)ether						
Type of Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.80	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.88	ug/L	1
Total Number of Blanks = 2			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.877			
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroisopropyl)ether						
Type of Blank : Method Blank						
06/14/93	MB	MSMSD2306140820	ND	0.80	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.80	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.80	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.80	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.80	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.73	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.80	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.80	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.73	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.73	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.73	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.73	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.80	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.80	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.80	ug/L	1
Total Number of Blanks = 15			Concentration Range NC			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.8			
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Ethylhexyl)phthalate						
Type of Blank : Equipment Blank						

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics							
Analyte : bis(2-Ethylhexyl)phthalate, cont.							
Type of Blank : Equipment Blank							
06/23/93	04-MW-01-EB-03	MSMSD2306230826	154.0	(B)	0.58	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	0.32	(J)	0.64	ug/L	1
Total Number of Blanks = 2			Concentration Range 154.0 - 154.0				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.638				
Method : SW8270 - Semivolatile Organics							
Analyte : bis(2-Ethylhexyl)phthalate							
Type of Blank : Method Blank							
06/14/93	MB	MSMSD2306140820	ND		0.58	ug/L	1
06/15/93	MB	MSMSD2306150816	ND		0.58	ug/L	1
06/16/93	MB	MSMSD2306160814	ND		0.58	ug/L	1
06/22/93	MB	MSMSD2306220822	ND		0.58	ug/L	1
06/23/93	MB	MSMSD2306230826	12.3		0.58	ug/L	1
06/23/93	MB	MSMSD1306231041	ND		1.8	ug/L	1
06/24/93	MB	MSMSD2306240908	11.7		0.58	ug/L	1
08/07/93	MB	MSMSD2308070819	ND		0.58	ug/L	1
08/17/93	MB	MSMSD1308171507	ND		1.8	ug/L	1
08/25/93	MB	MSMSD1308251013	0.66	(J)	1.8	ug/L	1
09/20/93	MB	MSMSD1309201450	ND		1.8	ug/L	1
09/23/93	MB	MSMSD1309230953	ND		1.8	ug/L	1
09/24/93	MB	MSMSD2309240819	ND		0.58	ug/L	1
10/08/93	MB	MSMSD2310080817	ND		0.58	ug/L	1
10/11/93	MB	MSMSD2310110812	ND		0.58	ug/L	1
Total Number of Blanks = 15			Concentration Range 11.7 - 12.3				
Total Number above Detection Limit = 2			Maximum Detection Limit = 1.83				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Acenaphthene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCF306291200	ND		1.2	ug/L	2
Total Number of Blanks = 1			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.2				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Acenaphthene							
Type of Blank : Method Blank							
06/22/93	BLK93537	CHLCC_306221200	ND		0.60	ug/L	1
06/29/93	BLK93643	CHLCCF306291200	0.50	(J)	1.2	ug/L	2
06/29/93	BLK93768	CHLCCF306291200	ND		1.2	ug/L	2
Total Number of Blanks = 3			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.2				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Acenaphthylene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCF306291200	ND		1.6	ug/L	2
Total Number of Blanks = 1			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.64				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Acenaphthylene							
Type of Blank : Method Blank							
06/22/93	BLK93537	CHLCC_306221200	ND		0.82	ug/L	1
06/29/93	BLK93768	CHLCCF306291200	ND		1.6	ug/L	2
06/29/93	BLK93643	CHLCCF306291200	0.54	(J)	1.6	ug/L	2
Total Number of Blanks = 3			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.64				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Anthracene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCE306291200	ND		0.28	ug/L	2
Total Number of Blanks = 1			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.28				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Anthracene							
Type of Blank : Method Blank							
06/22/93	BLK93537	CHLCC_306221200	ND		0.14	ug/L	1
06/29/93	BLK93643	CHLCCE306291200	ND		0.28	ug/L	2
06/29/93	BLK93768	CHLCCE306291200	ND		0.28	ug/L	2
Total Number of Blanks = 3			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.28				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Benzo(a)anthracene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCE306291200	ND		0.0056	ug/L	2
Total Number of Blanks = 1			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0056				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Benzo(a)anthracene							
Type of Blank : Method Blank							
06/22/93	BLK93537	CHLCC_306221200	ND		0.0028	ug/L	1
06/29/93	BLK93643	CHLCCE306291200	0.0021	(J)	0.0056	ug/L	2
06/29/93	BLK93768	CHLCCE306291200	ND		0.0056	ug/L	2
Total Number of Blanks = 3			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0056				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Benzo(a)pyrene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCE306291200	0.0037	(B)	0.0072	ug/L	2
Total Number of Blanks = 1			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0072				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Benzo(a)pyrene							
Type of Blank : Method Blank							
06/22/93	BLK93537	CHLCC_306221200	ND		0.0036	ug/L	1
06/22/93	BLK93537	CHLCC_306221200	0.000700	(J)	0.0036	ug/L	1
06/29/93	BLK93768	CHLCCE306291200	0.000400	(J)	0.0072	ug/L	2
06/29/93	BLK93643	CHLCCE306291200	0.0095		0.0072	ug/L	2
Total Number of Blanks = 4					Concentration Range 0.0095 - 0.0095		
Total Number above Detection Limit = 1					Maximum Detection Limit = 0.0072		
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Benzo(b)fluoranthene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCE306291200	ND		0.022	ug/L	2
Total Number of Blanks = 1					Concentration Range NC		
Total Number above Detection Limit = 0					Maximum Detection Limit = 0.022		
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Benzo(b)fluoranthene							
Type of Blank : Method Blank							
06/22/93	BLK93537	CHLCC_306221200	ND		0.011	ug/L	1
06/22/93	BLK93537	CHLCC_306221200	0.0017	(J)	0.011	ug/L	1
06/29/93	BLK93768	CHLCCE306291200	0.026		0.022	ug/L	2
06/29/93	BLK93643	CHLCCE306291200	0.0031	(J)	0.022	ug/L	2
Total Number of Blanks = 4					Concentration Range 0.026 - 0.026		
Total Number above Detection Limit = 1					Maximum Detection Limit = 0.022		
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Benzo(g,h,i)perylene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCE306291200	ND		0.056	ug/L	2
Total Number of Blanks = 1					Concentration Range NC		
Total Number above Detection Limit = 0					Maximum Detection Limit = 0.056		

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Benzo(g,h,i)perylene							
Type of Blank : Method Blank							
06/22/93	BLK93537	CHLCC_306221200	ND		0.028	ug/L	1
06/22/93	BLK93537	CHLCC_306221200	0.0071	(J)	0.028	ug/L	1
06/29/93	BLK93768	CHLCCE306291200	ND		0.056	ug/L	2
06/29/93	BLK93643	CHLCCE306291200	0.0036	(J)	0.056	ug/L	2
Total Number of Blanks = 4			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.056				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Benzo(k)fluoranthene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCE306291200	0.0039	(B)	0.0032	ug/L	2
Total Number of Blanks = 1			Concentration Range 0.0039 - 0.0039				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.0032				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Benzo(k)fluoranthene							
Type of Blank : Method Blank							
06/22/93	BLK93537	CHLCC_306221200	0.0034		0.0016	ug/L	1
06/22/93	BLK93537	CHLCC_306221200	ND		0.0016	ug/L	1
06/29/93	BLK93643	CHLCCE306291200	0.0088		0.0032	ug/L	2
06/29/93	BLK93768	CHLCCE306291200	0.0046		0.0032	ug/L	2
Total Number of Blanks = 4			Concentration Range 0.0034 - 0.0088				
Total Number above Detection Limit = 3			Maximum Detection Limit = 0.0032				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Chrysene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCE306291200	ND		0.098	ug/L	2
Total Number of Blanks = 1			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.098				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Chrysene							
Type of Blank : Method Blank							
06/22/93	BLK93537	CHLCC_306221200	ND		0.049	ug/L	1
06/29/93	BLK93768	CHLCCE306291200	ND		0.098	ug/L	2
06/29/93	BLK93643	CHLCCE306291200	ND		0.098	ug/L	2
Total Number of Blanks = 3			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.098				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Dibenz(a,h)anthracene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCE306291200	0.0011	(B)	0.017	ug/L	2
Total Number of Blanks = 1			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.017				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Dibenz(a,h)anthracene							
Type of Blank : Method Blank							
06/22/93	BLK93537	CHLCC_306221200	ND		0.0085	ug/L	1
06/29/93	BLK93643	CHLCCE306291200	0.0030	(J)	0.017	ug/L	2
06/29/93	BLK93768	CHLCCE306291200	0.0015	(J)	0.017	ug/L	2
Total Number of Blanks = 3			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.017				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Fluoranthene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCE306291200	ND		0.10	ug/L	2
Total Number of Blanks = 1			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.1				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Fluoranthene							
Type of Blank : Method Blank							
06/22/93	BLK93537	CHLCC_306221200	ND		0.050	ug/L	1
06/29/93	BLK93768	CHLCCE306291200	ND		0.10	ug/L	2
06/29/93	BLK93643	CHLCCE306291200	0.019	(J)	0.10	ug/L	2
Total Number of Blanks = 3			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.1				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Fluorene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCF306291200	ND		0.16	ug/L	2
Total Number of Blanks = 1			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.16				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Fluorene							
Type of Blank : Method Blank							
06/22/93	BLK93537	CHLCC_306221200	ND		0.080	ug/L	1
06/22/93	BLK93537	CHLCC_306221200	0.043	(J)	0.080	ug/L	1
06/29/93	BLK93643	CHLCCF306291200	0.066	(J)	0.16	ug/L	2
06/29/93	BLK93768	CHLCCF306291200	0.10	(J)	0.16	ug/L	2
Total Number of Blanks = 4			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.16				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Indeno(1,2,3-cd)pyrene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCF306291200	0.064	(B)	0.0074	ug/L	2
Total Number of Blanks = 1			Concentration Range 0.064 - 0.064				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.0074				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Indeno(1,2,3-cd)pyrene							
Type of Blank : Method Blank							
06/22/93	BLK93537	CHLCC_306221200	0.0053		0.0037	ug/L	1
06/22/93	BLK93537	CHLCC_306221200	ND		0.0037	ug/L	1
06/29/93	BLK93768	CHLCCF306291200	0.047		0.0074	ug/L	2
06/29/93	BLK93643	CHLCCF306291200	0.0078		0.0074	ug/L	2
Total Number of Blanks = 4			Concentration Range 0.0053 - 0.047				
Total Number above Detection Limit = 3			Maximum Detection Limit = 0.0074				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Naphthalene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCF306291200	ND		1.1	ug/L	2
Total Number of Blanks = 1			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.1				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Naphthalene							
Type of Blank : Method Blank							
06/22/93	BLK93537	CHLCC_306221200	0.13	(J)	0.55	ug/L	1
06/22/93	BLK93537	CHLCC_306221200	ND		0.55	ug/L	1
06/29/93	BLK93768	CHLCCF306291200	0.33	(J)	1.1	ug/L	2
06/29/93	BLK93643	CHLCCF306291200	0.51	(J)	1.1	ug/L	2
Total Number of Blanks = 4			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.1				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Phenanthrene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCE306291200	0.23	(B)	0.32	ug/L	2
Total Number of Blanks = 1			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.32				

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Phenanthrene							
Type of Blank : Method Blank							
06/22/93	BLK93537	CHLCC_306221200	ND		0.16	ug/L	1
06/29/93	BLK93768	CHLCCE306291200	0.42		0.32	ug/L	2
06/29/93	BLK93643	CHLCCE306291200	0.31	(J)	0.32	ug/L	2
Total Number of Blanks = 3			Concentration Range 0.42 - 0.42				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.32				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Pyrene							
Type of Blank : Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCE306291200	ND		0.11	ug/L	2
Total Number of Blanks = 1			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.106				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Analyte : Pyrene							
Type of Blank : Method Blank							
06/22/93	BLK93537	CHLCC_306221200	ND		0.053	ug/L	1
06/29/93	BLK93768	CHLCCE306291200	ND		0.11	ug/L	2
06/29/93	BLK93643	CHLCCE306291200	ND		0.11	ug/L	2
Total Number of Blanks = 3			Concentration Range NC				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.106				

ATTACHMENT B - APPENDIX B

Table B-8

Detailed Listing of Spike Results - 1993 Water Samples

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : E160.1 - Residue, Filterable (TDS)							
Spiked Analyte : Total dissolved solids							
Type of Spike : Laboratory Control							
06/14/93	LCS931111	WLTDS_306141600			563.00	mg/L	102
06/14/93	LCSD931111	WLTDS_306141600			583.00	mg/L	106
06/16/93	LCS931183	WLTDS_306161600			576.00	mg/L	105
06/16/93	LCSD931183	WLTDS_306161600			599.00	mg/L	109
06/18/93	LCS931284	WLTDS_306181600			633.00	mg/L	107
06/18/93	LCSD931284	WLTDS_306181600			624.00	mg/L	105
06/23/93	LCS931406	WLTDS_306231400		593.00	606.00	mg/L	102
06/23/93	LCSD931406	WLTDS_306231400		593.00	595.00	mg/L	100
08/03/93	LCS932927	WLTDS_308031200		497.00	513.00	mg/L	103
08/03/93	LCSD932927	WLTDS_308031200		497.00	515.00	mg/L	104
08/17/93	LCS933554	WLTDS_308171200		437.00	448.00	mg/L	103
08/17/93	LCSD933554	WLTDS_308171200		437.00	464.00	mg/L	106
09/17/93	LCS934466	WLTDS_309170300		437.00	446.00	mg/L	102
09/17/93	LCSD934466	WLTDS_309170300		437.00	439.00	mg/L	100
09/20/93	LCS934731	WLTDS_309200800		434.00	456.00	mg/L	105
09/20/93	LCSD934731	WLTDS_309200800		434.00	456.00	mg/L	105
09/23/93	LCS934803	WLTDS_309231200		589.00	601.00	mg/L	102
09/23/93	LCSD934803	WLTDS_309231200		589.00	596.00	mg/L	101

Number of Samples	: 18	Below acceptance :	0
Mean % Recovery	: 103.7	Above acceptance :	0
Standard Deviation	: 2.47	Acceptance Criteria	80-120

Method : E160.2 - Residue, Non-Filterable							
Spiked Analyte : Total suspended solids							
Type of Spike : Laboratory Control							
09/17/93	LCS934465	WLTSS_309170300		231.00	148.00	mg/L	64
09/17/93	LCSD934465	WLTSS_309170300		231.00	252.00	mg/L	109
09/20/93	LCS934732	WLTSS_309200800		214.00	200.00	mg/L	94
09/20/93	LCSD934732	WLTSS_309200800		214.00	194.00	mg/L	91
09/23/93	LCS934803	WLTSS_309231200		321.00	274.00	mg/L	85
09/23/93	LCSD934803	WLTSS_309231200		321.00	270.00	mg/L	84

Number of Samples	: 6	Below acceptance :	1
Mean % Recovery	: 87.8	Above acceptance :	0
Standard Deviation	: 14.74	Acceptance Criteria	80-120

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : E300 - Anions							
Spiked Analyte : Chloride							
Type of Spike : Laboratory Control							
06/23/93	LCS931521	WLICXC306231300		8.00	8.11	mg/L	101
06/23/93	LCSD931521	WLICXC306231300		8.00	8.13	mg/L	102
09/25/93	LCS934941	WLICXC309251400		8.00	8.14	mg/L	102
09/25/93	LCSD934941	WLICXC309251400		8.00	8.19	mg/L	102
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 101.8			Above acceptance : 0				
Standard Deviation : .50			Acceptance Criteria 90-110				
Type of Spike : Matrix Spike							
06/23/93	05-MW-02-DS-03 M	WLICXC306231300	1.44	4.00	5.23	mg/L	95
06/23/93	05-MW-02-DS-03 M	WLICXC306231300	1.44	4.00	5.29	mg/L	96
09/25/93	06-MW-07-01 MS	WLICXC309251400	16.30	20.00	37.60	mg/L	107
09/25/93	06-MW-07-01 MSD	WLICXC309251400	16.30	20.00	37.50	mg/L	106
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 101.0			Above acceptance : 0				
Standard Deviation : 6.38			Acceptance Criteria 80-120				
Method : E300 - Anions							
Spiked Analyte : Sulfate							
Type of Spike : Laboratory Control							
06/23/93	LCS931521	WLICXS306231300		40.00	38.40	mg/L	96
06/23/93	LCSD931521	WLICXS306231300		40.00	38.30	mg/L	96
09/25/93	LCS934936	WLICXS309251300		40.00	40.10	mg/L	100
09/25/93	LCSD934936	WLICXS309251300		40.00	39.70	mg/L	99
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 97.8			Above acceptance : 0				
Standard Deviation : 2.06			Acceptance Criteria 90-110				
Type of Spike : Matrix Spike							
06/23/93	05-MW-02-DS-03 M	WLICXS306231300	3.13	20.00	20.30	mg/L	86
06/23/93	05-MW-02-DS-03 M	WLICXS306231300	3.13	20.00	20.30	mg/L	86
09/25/93	06-MW-07-01 MS	WLICXS309251300	59.90	100.00	163.00	mg/L	103
09/25/93	06-MW-07-01 MSD	WLICXS309251300	59.90	100.00	164.00	mg/L	104
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 94.8			Above acceptance : 0				
Standard Deviation : 10.11			Acceptance Criteria 80-120				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : E300 - Anions							
Spiked Analyte : Sulfate continued							
Type of Spike : Matrix Spike							
Method : E353.1 - Nitrate-Nitrite							
Spiked Analyte : Nitrate-Nitrite as N							
Type of Spike : Analytical Spike							
06/30/93	05-MW-02-DS-03 M	WLTRAC306301700	ND	1.00	0.89	mg/L	93
06/30/93	05-MW-02-DS-03 M	WLTRAC306301700	ND	1.00	0.88	mg/L	92
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 92.5			Above acceptance : 0				
Standard Deviation : .71			Acceptance Criteria 80-120				
Type of Spike : Laboratory Control							
10/08/93	LCS935170	WLTRAC310081900		1.00	1.01	mg/L	101
10/08/93	LCSD935170	WLTRAC310081900		1.00	1.02	mg/L	102
10/11/93	LCS935178	WLTRAC310111600		1.00	1.00	mg/L	100
10/11/93	LCSD935178	WLTRAC310111600		1.00	1.00	mg/L	100
10/12/93	LCS935234	WLTRAC310121900		1.00	0.98	mg/L	98
10/12/93	LCSD935234	WLTRAC310121900		1.00	0.98	mg/L	98
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 99.8			Above acceptance : 0				
Standard Deviation : 1.60			Acceptance Criteria 85-115				
Type of Spike : Matrix Spike							
10/08/93	10-MW-04-01	WLTRAC310081900	ND	1.00	0.85	mg/L	88
10/08/93	10-MW-04-01	WLTRAC310081900	ND	1.00	0.85	mg/L	88
10/11/93	06-MW-07-01 MS	WLTRAC310111600	ND	2.00	1.69	mg/L	87
10/11/93	06-MW-07-01 MS	WLTRAC310111600	ND	1.00	0.71	mg/L	74
10/11/93	06-MW-07-01 MSD	WLTRAC310111600	ND	1.00	0.72	mg/L	76
10/11/93	06-MW-07-01 MSD	WLTRAC310111600	ND	2.00	1.72	mg/L	89
10/12/93	05-MW-14-01	WLTRAC310121900	0.12	1.00	1.03	mg/L	90
10/12/93	05-MW-14-01	WLTRAC310121900	0.12	1.00	1.02	mg/L	89
Number of Samples : 8			Below acceptance : 2				
Mean % Recovery : 85.1			Above acceptance : 0				
Standard Deviation : 6.33			Acceptance Criteria 80-120				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Aluminum							
Type of Spike : Laboratory Control							
06/23/93	LCS93-1202	EMJA61306222200		10.00	9.70	mg/L	97
06/23/93	LCS93-1336	EMJA61306222200		10.00	9.80	mg/L	98
06/23/93	LCSD93-1202	EMJA61306222200		10.00	9.90	mg/L	99
06/23/93	LCSD93-1336	EMJA61306222200		10.00	9.80	mg/L	98
07/01/93	LCS93-1475	EMJA61307012200		10.00	9.82	mg/L	98
07/01/93	LCSD93-1475	EMJA61307012200		10.00	9.96	mg/L	100
08/27/93	LCS933746	EMJA61308271100		10.00	9.35	mg/L	94
08/27/93	LCSD933746	EMJA61308271100		10.00	9.37	mg/L	94
09/01/93	LCS933866	EMJA61309010000		10.00	9.72	mg/L	97
09/01/93	LCS933905	EMJA61309010000		50.00	48.00	mg/L	96
09/01/93	LCSD933866	EMJA61309010000		10.00	9.80	mg/L	98
09/01/93	LCSD933905	EMJA61309010000		50.00	48.30	mg/L	97
09/07/93	LCS933866	EMJA61309071000		10.00	9.68	mg/L	97
09/07/93	LCS933905	EMJA61309071000		50.00	46.60	mg/L	93
09/07/93	LCSD933866	EMJA61309071000		10.00	9.67	mg/L	97
09/07/93	LCSD933905	EMJA61309071000		50.00	47.00	mg/L	94
09/17/93	LCS934378	EMJA61309171000		10.00	9.47	mg/L	95
09/17/93	LCSD934378	EMJA61309171000		10.00	9.47	mg/L	95
09/24/93	LCS934413	EMJA61309240100		50.00	47.00	mg/L	94
09/24/93	LCS934458	EMJA61309240100		10.00	9.51	mg/L	95
09/24/93	LCS934612	EMJA61309240100		10.00	9.65	mg/L	96
09/24/93	LCSD934413	EMJA61309240100		50.00	47.50	mg/L	95
09/24/93	LCSD934458	EMJA61309240100		10.00	9.51	mg/L	95
09/24/93	LCSD934612	EMJA61309240100		10.00	9.78	mg/L	98
09/30/93	LCS934612	EMJA61309301400		10.00	9.73	mg/L	97
09/30/93	LCSD934612	EMJA61309301400		10.00	9.74	mg/L	97
10/05/93	LCS934625	EMJA61310051000		10.00	9.94	mg/L	99
10/05/93	LCSD934625	EMJA61310051000		10.00	9.96	mg/L	100

Number of Samples	: 28	Below acceptance :	0
Mean % Recovery	: 96.5	Above acceptance :	0
Standard Deviation	: 1.91	Acceptance Criteria	80-120

Type of Spike : Matrix Spike

06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.02	10.00	9.76	mg/L	97
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.02	10.00	9.85	mg/L	98
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.01	10.00	9.88	mg/L	99
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.01	10.00	9.71	mg/L	97
07/01/93	05-MW-06-03	EMJA61307012200	0.01	10.00	10.00	mg/L	100
07/01/93	05-MW-06-03	EMJA61307012200	0.01	10.00	10.10	mg/L	101
09/01/93	07-SW-03-01	EMJA61309010000	- 0.01	10.00	10.00	mg/L	100
09/01/93	07-SW-03-01	EMJA61309010000	- 0.01	10.00	10.00	mg/L	100
09/07/93	07-SW-03-01	EMJA61309071000	0.05	10.00	9.83	mg/L	98
09/07/93	07-SW-03-01	EMJA61309071000	0.05	10.00	9.80	mg/L	98

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Aluminum continued							
Type of Spike : Matrix Spike							
09/24/93	05-MW-15-01 MS	EMJA61309240100	0.01	10.00	9.69	mg/L	97
09/24/93	05-MW-15-01 MSD	EMJA61309240100	0.01	10.00	9.69	mg/L	97
09/24/93	06-MW-07-01 MS	EMJA61309240100	- 0.00	10.00	9.58	mg/L	96
09/24/93	06-MW-07-01 MSD	EMJA61309240100	- 0.00	10.00	9.60	mg/L	96
09/30/93	05-MW-15-01 MS	EMJA61309301400	0.01	10.00	9.76	mg/L	98
09/30/93	05-MW-15-01 MSD	EMJA61309301400	0.01	10.00	9.64	mg/L	96
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 98.0			Above acceptance : 0				
Standard Deviation : 1.59			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Antimony							
Type of Spike : Laboratory Control							
06/23/93	LCS93-1202	EMJA61306222200		1.00	0.94	mg/L	94
06/23/93	LCS93-1336	EMJA61306222200		1.00	0.93	mg/L	93
06/23/93	LCSD93-1202	EMJA61306222200		1.00	0.98	mg/L	98
06/23/93	LCSD93-1336	EMJA61306222200		1.00	0.93	mg/L	93
07/01/93	LCS93-1475	EMJA61307012200		1.00	0.96	mg/L	96
07/01/93	LCSD93-1475	EMJA61307012200		1.00	0.99	mg/L	99
08/27/93	LCS933746	EMJA61308271100		1.00	0.96	mg/L	96
08/27/93	LCSD933746	EMJA61308271100		1.00	0.92	mg/L	92
09/01/93	LCS933866	EMJA61309010000		1.00	0.95	mg/L	95
09/01/93	LCS933905	EMJA61309010000		1.00	0.89	mg/L	89
09/01/93	LCSD933866	EMJA61309010000		1.00	0.96	mg/L	96
09/01/93	LCSD933905	EMJA61309010000		1.00	0.91	mg/L	91
09/07/93	LCS933866	EMJA61309071000		1.00	1.00	mg/L	100
09/07/93	LCS933905	EMJA61309071000		1.00	0.91	mg/L	91
09/07/93	LCSD933866	EMJA61309071000		1.00	0.96	mg/L	96
09/07/93	LCSD933905	EMJA61309071000		1.00	0.92	mg/L	92
09/17/93	LCS934378	EMJA61309171000		1.00	0.96	mg/L	96
09/17/93	LCSD934378	EMJA61309171000		1.00	0.96	mg/L	96
09/24/93	LCS934413	EMJA61309240100		1.00	0.89	mg/L	89
09/24/93	LCS934458	EMJA61309240100		1.00	0.93	mg/L	93
09/24/93	LCS934612	EMJA61309240100		1.00	0.93	mg/L	93
09/24/93	LCSD934413	EMJA61309240100		1.00	0.86	mg/L	86
09/24/93	LCSD934458	EMJA61309240100		1.00	0.90	mg/L	90
09/24/93	LCSD934612	EMJA61309240100		1.00	0.94	mg/L	94
09/30/93	LCS934612	EMJA61309301400		1.00	0.97	mg/L	97
09/30/93	LCSD934612	EMJA61309301400		1.00	0.99	mg/L	99
10/05/93	LCS934625	EMJA61310051000		1.00	0.98	mg/L	98
10/05/93	LCSD934625	EMJA61310051000		1.00	1.00	mg/L	100
Number of Samples : 28			Below acceptance : 0				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID		ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals								
Spiked Analyte : Antimony continued								
Type of Spike : Laboratory Control								
Mean % Recovery : 94.4				Above acceptance : 0				
Standard Deviation : 3.57				Acceptance Criteria 80-120				
Type of Spike : Matrix Spike								
06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.04	1.00	0.94	mg/L	91
06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.04	1.00	0.91	mg/L	87
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	-	0.02	1.00	0.91	mg/L	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	-	0.02	1.00	0.97	mg/L	99
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.94	mg/L	94
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.98	mg/L	98
09/01/93	07-SW-03-01	EMJA61309010000		0.00	1.00	0.98	mg/L	98
09/01/93	07-SW-03-01	EMJA61309010000		0.00	1.00	0.98	mg/L	98
09/07/93	07-SW-03-01	EMJA61309071000	-	0.01	1.00	0.96	mg/L	98
09/07/93	07-SW-03-01	EMJA61309071000	-	0.01	1.00	0.98	mg/L	99
09/24/93	05-MW-15-01 MS	EMJA61309240100	-	0.01	1.00	0.92	mg/L	93
09/24/93	05-MW-15-01 MSD	EMJA61309240100	-	0.01	1.00	0.93	mg/L	94
09/24/93	06-MW-07-01 MS	EMJA61309240100	-	0.01	1.00	0.86	mg/L	87
09/24/93	06-MW-07-01 MSD	EMJA61309240100	-	0.01	1.00	0.89	mg/L	90
09/30/93	05-MW-15-01 MS	EMJA61309301400	-	0.01	1.00	0.93	mg/L	94
09/30/93	05-MW-15-01 MSD	EMJA61309301400	-	0.01	1.00	0.94	mg/L	95
Number of Samples : 16				Below acceptance : 0				
Mean % Recovery : 94.3				Above acceptance : 0				
Standard Deviation : 3.98				Acceptance Criteria 75-125				
Method : SW6010 - Metals								
Spiked Analyte : Arsenic								
Type of Spike : Laboratory Control								
06/23/93	LCS93-1202	EMJA61306222200			1.00	0.94	mg/L	94
06/23/93	LCS93-1336	EMJA61306222200			1.00	0.97	mg/L	97
06/23/93	LCSD93-1202	EMJA61306222200			1.00	0.97	mg/L	97
06/23/93	LCSD93-1336	EMJA61306222200			1.00	0.95	mg/L	95
07/01/93	LCS93-1475	EMJA61307012200			1.00	0.98	mg/L	97
07/01/93	LCSD93-1475	EMJA61307012200			1.00	0.98	mg/L	98
08/27/93	LCS933746	EMJA61308271100			1.00	1.00	mg/L	100
08/27/93	LCSD933746	EMJA61308271100			1.00	0.95	mg/L	95
09/01/93	LCS933866	EMJA61309010000			1.00	0.95	mg/L	95
09/01/93	LCS933905	EMJA61309010000			1.00	0.93	mg/L	93
09/01/93	LCSD933866	EMJA61309010000			1.00	0.99	mg/L	99
09/01/93	LCSD933905	EMJA61309010000			1.00	0.91	mg/L	91
09/07/93	LCS933866	EMJA61309071000			1.00	0.97	mg/L	97

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DATE ANALYZED	SAMPLE ID	BATCH ID		ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals								
Spiked Analyte : Arsenic continued								
Type of Spike : Laboratory Control								
09/07/93	LCS933905	EMJA61309071000			1.00	0.92	mg/L	92
09/07/93	LCSD933866	EMJA61309071000			1.00	1.00	mg/L	100
09/07/93	LCSD933905	EMJA61309071000			1.00	0.94	mg/L	94
09/17/93	LCS934378	EMJA61309171000			1.00	0.97	mg/L	97
09/17/93	LCSD934378	EMJA61309171000			1.00	0.96	mg/L	96
09/24/93	LCS934413	EMJA61309240100			1.00	0.89	mg/L	89
09/24/93	LCS934458	EMJA61309240100			1.00	0.96	mg/L	96
09/24/93	LCS934612	EMJA61309240100			1.00	0.94	mg/L	94
09/24/93	LCSD934413	EMJA61309240100			1.00	0.92	mg/L	92
09/24/93	LCSD934458	EMJA61309240100			1.00	0.95	mg/L	95
09/24/93	LCSD934612	EMJA61309240100			1.00	0.98	mg/L	98
09/30/93	LCS934612	EMJA61309301400			1.00	0.98	mg/L	98
09/30/93	LCSD934612	EMJA61309301400			1.00	0.99	mg/L	99
10/05/93	LCS934625	EMJA61310051000			1.00	0.96	mg/L	96
10/05/93	LCSD934625	EMJA61310051000			1.00	0.97	mg/L	97
Number of Samples : 28				Below acceptance : 0				
Mean % Recovery : 95.8				Above acceptance : 0				
Standard Deviation : 2.70				Acceptance Criteria 80-120				
Type of Spike : Matrix Spike								
06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.02	1.00	0.97	mg/L	96
06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.02	1.00	0.95	mg/L	93
06/23/93	12-MW-02-DS-03 M	EMJA61306222200		0.01	1.00	0.93	mg/L	92
06/23/93	12-MW-02-DS-03 M	EMJA61306222200		0.01	1.00	0.94	mg/L	93
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.97	mg/L	98
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.95	mg/L	95
09/01/93	07-SW-03-01	EMJA61309010000		0.00	1.00	0.98	mg/L	97
09/01/93	07-SW-03-01	EMJA61309010000		0.00	1.00	0.97	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000	-	0.02	1.00	0.99	mg/L	102
09/07/93	07-SW-03-01	EMJA61309071000	-	0.02	1.00	0.99	mg/L	102
09/24/93	05-MW-15-01 MS	EMJA61309240100	-	0.01	1.00	0.94	mg/L	95
09/24/93	05-MW-15-01 MSD	EMJA61309240100	-	0.01	1.00	0.96	mg/L	97
09/24/93	06-MW-07-01 MS	EMJA61309240100		0.00	1.00	0.93	mg/L	93
09/24/93	06-MW-07-01 MSD	EMJA61309240100		0.00	1.00	0.92	mg/L	92
09/30/93	05-MW-15-01 MS	EMJA61309301400	-	0.00	1.00	0.98	mg/L	98
09/30/93	05-MW-15-01 MSD	EMJA61309301400	-	0.00	1.00	0.95	mg/L	96
Number of Samples : 16				Below acceptance : 0				
Mean % Recovery : 96.0				Above acceptance : 0				
Standard Deviation : 3.10				Acceptance Criteria 75-125				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Barium							
Type of Spike : Laboratory Control							
06/23/93	LCS93-1202	EMJA61306222200		1.00	0.97	mg/L	97
06/23/93	LCS93-1336	EMJA61306222200		1.00	0.98	mg/L	98
06/23/93	LCSD93-1202	EMJA61306222200		1.00	0.99	mg/L	99
06/23/93	LCSD93-1336	EMJA61306222200		1.00	0.97	mg/L	97
07/01/93	LCS93-1475	EMJA61307012200		1.00	0.98	mg/L	97
07/01/93	LCSD93-1475	EMJA61307012200		1.00	0.99	mg/L	98
08/27/93	LCS933746	EMJA61308271100		1.00	0.99	mg/L	99
08/27/93	LCSD933746	EMJA61308271100		1.00	0.99	mg/L	99
09/01/93	LCS933866	EMJA61309010000		1.00	0.98	mg/L	98
09/01/93	LCS933905	EMJA61309010000		1.00	0.95	mg/L	95
09/01/93	LCSD933866	EMJA61309010000		1.00	0.99	mg/L	99
09/01/93	LCSD933905	EMJA61309010000		1.00	0.96	mg/L	96
09/07/93	LCS933866	EMJA61309071000		1.00	0.97	mg/L	96
09/07/93	LCS933905	EMJA61309071000		1.00	0.93	mg/L	93
09/07/93	LCSD933866	EMJA61309071000		1.00	0.96	mg/L	96
09/07/93	LCSD933905	EMJA61309071000		1.00	0.94	mg/L	94
09/17/93	LCS934378	EMJA61309171000		1.00	0.97	mg/L	97
09/17/93	LCSD934378	EMJA61309171000		1.00	0.97	mg/L	97
09/24/93	LCS934413	EMJA61309240100		1.00	0.91	mg/L	91
09/24/93	LCS934458	EMJA61309240100		1.00	0.94	mg/L	94
09/24/93	LCS934612	EMJA61309240100		1.00	0.96	mg/L	96
09/24/93	LCSD934413	EMJA61309240100		1.00	0.92	mg/L	92
09/24/93	LCSD934458	EMJA61309240100		1.00	0.93	mg/L	93
09/24/93	LCSD934612	EMJA61309240100		1.00	0.96	mg/L	96
09/30/93	LCS934612	EMJA61309301400		1.00	1.00	mg/L	100
09/30/93	LCSD934612	EMJA61309301400		1.00	1.00	mg/L	100
10/05/93	LCS934625	EMJA61310051000		1.00	0.99	mg/L	99
10/05/93	LCSD934625	EMJA61310051000		1.00	0.99	mg/L	99
Number of Samples : 28			Below acceptance : 0				
Mean % Recovery : 96.6			Above acceptance : 0				
Standard Deviation : 2.44			Acceptance Criteria 80-120				
Type of Spike : Matrix Spike							
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.91	1.00	1.88	mg/L	97
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.91	1.00	1.89	mg/L	98
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.26	1.00	1.22	mg/L	96
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.26	1.00	1.20	mg/L	95
07/01/93	05-MW-06-03	EMJA61307012200	0.33	1.00	1.31	mg/L	98
07/01/93	05-MW-06-03	EMJA61307012200	0.33	1.00	1.32	mg/L	99
09/01/93	07-SW-03-01	EMJA61309010000	0.18	1.00	1.19	mg/L	100
09/01/93	07-SW-03-01	EMJA61309010000	0.18	1.00	1.19	mg/L	100
09/07/93	07-SW-03-01	EMJA61309071000	0.18	1.00	1.16	mg/L	98
09/07/93	07-SW-03-01	EMJA61309071000	0.18	1.00	1.16	mg/L	98

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Barium continued							
Type of Spike : Matrix Spike							
09/24/93	05-MW-15-01 MS	EMJA61309240100	0.28	1.00	1.22	mg/L	94
09/24/93	05-MW-15-01 MSD	EMJA61309240100	0.28	1.00	1.22	mg/L	95
09/24/93	06-MW-07-01 MS	EMJA61309240100	0.36	1.00	1.29	mg/L	93
09/24/93	06-MW-07-01 MSD	EMJA61309240100	0.36	1.00	1.29	mg/L	93
09/30/93	05-MW-15-01 MS	EMJA61309301400	0.29	1.00	1.28	mg/L	98
09/30/93	05-MW-15-01 MSD	EMJA61309301400	0.29	1.00	1.27	mg/L	98
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 96.9			Above acceptance : 0				
Standard Deviation : 2.28			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Beryllium							
Type of Spike : Laboratory Control							
06/23/93	LCS93-1202	EMJA61306222200		1.00	0.98	mg/L	97
06/23/93	LCS93-1336	EMJA61306222200		1.00	0.99	mg/L	99
06/23/93	LCSD93-1202	EMJA61306222200		1.00	0.99	mg/L	99
06/23/93	LCSD93-1336	EMJA61306222200		1.00	0.98	mg/L	98
07/01/93	LCS93-1475	EMJA61307012200		1.00	0.98	mg/L	98
07/01/93	LCSD93-1475	EMJA61307012200		1.00	0.99	mg/L	99
08/27/93	LCS933746	EMJA61308271100		1.00	1.01	mg/L	101
08/27/93	LCSD933746	EMJA61308271100		1.00	1.01	mg/L	101
09/01/93	LCS933866	EMJA61309010000		1.00	0.98	mg/L	98
09/01/93	LCS933905	EMJA61309010000		1.00	0.93	mg/L	93
09/01/93	LCSD933866	EMJA61309010000		1.00	0.98	mg/L	98
09/01/93	LCSD933905	EMJA61309010000		1.00	0.93	mg/L	93
09/07/93	LCS933866	EMJA61309071000		1.00	0.99	mg/L	99
09/07/93	LCS933905	EMJA61309071000		1.00	0.94	mg/L	94
09/07/93	LCSD933866	EMJA61309071000		1.00	0.99	mg/L	99
09/07/93	LCSD933905	EMJA61309071000		1.00	0.95	mg/L	95
09/17/93	LCS934378	EMJA61309171000		1.00	1.00	mg/L	100
09/17/93	LCSD934378	EMJA61309171000		1.00	1.00	mg/L	100
09/24/93	LCS934413	EMJA61309240100		1.00	0.90	mg/L	90
09/24/93	LCS934458	EMJA61309240100		1.00	0.95	mg/L	95
09/24/93	LCS934612	EMJA61309240100		1.00	0.96	mg/L	96
09/24/93	LCSD934413	EMJA61309240100		1.00	0.91	mg/L	91
09/24/93	LCSD934458	EMJA61309240100		1.00	0.94	mg/L	94
09/24/93	LCSD934612	EMJA61309240100		1.00	0.98	mg/L	98
09/30/93	LCS934612	EMJA61309301400		1.00	1.01	mg/L	101
09/30/93	LCSD934612	EMJA61309301400		1.00	1.01	mg/L	101
10/05/93	LCS934625	EMJA61310051000		1.00	1.01	mg/L	101
10/05/93	LCSD934625	EMJA61310051000		1.00	1.02	mg/L	102
Number of Samples : 28			Below acceptance : 0				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID		ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals								
Spiked Analyte : Beryllium continued								
Type of Spike : Laboratory Control								
Mean % Recovery : 97.5				Above acceptance : 0				
Standard Deviation : 3.25				Acceptance Criteria 80-120				
Type of Spike : Matrix Spike								
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.99	mg/L	99
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.98	mg/L	98
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.97	mg/L	97
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.98	mg/L	98
07/01/93	05-MW-06-03	EMJA61307012200		0.00	1.00	1.01	mg/L	101
07/01/93	05-MW-06-03	EMJA61307012200		0.00	1.00	1.01	mg/L	101
09/01/93	07-SW-03-01	EMJA61309010000	-	0.00	1.00	1.00	mg/L	100
09/01/93	07-SW-03-01	EMJA61309010000	-	0.00	1.00	1.00	mg/L	100
09/07/93	07-SW-03-01	EMJA61309071000		0.00	1.00	1.01	mg/L	101
09/07/93	07-SW-03-01	EMJA61309071000		0.00	1.00	1.00	mg/L	100
09/24/93	05-MW-15-01 MS	EMJA61309240100	-	0.00	1.00	0.95	mg/L	95
09/24/93	05-MW-15-01 MSD	EMJA61309240100	-	0.00	1.00	0.96	mg/L	96
09/24/93	06-MW-07-01 MS	EMJA61309240100	-	0.00	1.00	0.93	mg/L	93
09/24/93	06-MW-07-01 MSD	EMJA61309240100	-	0.00	1.00	0.93	mg/L	93
09/30/93	05-MW-15-01 MS	EMJA61309301400	-	0.00	1.00	1.00	mg/L	100
09/30/93	05-MW-15-01 MSD	EMJA61309301400	-	0.00	1.00	1.00	mg/L	100
Number of Samples : 16				Below acceptance : 0				
Mean % Recovery : 98.3				Above acceptance : 0				
Standard Deviation : 2.72				Acceptance Criteria 75-125				
Method : SW6010 - Metals								
Spiked Analyte : Cadmium								
Type of Spike : Laboratory Control								
06/23/93	LCS93-1202	EMJA61306222200			1.00	0.95	mg/L	95
06/23/93	LCS93-1336	EMJA61306222200			1.00	0.96	mg/L	96
06/23/93	LCSD93-1202	EMJA61306222200			1.00	0.97	mg/L	97
06/23/93	LCSD93-1336	EMJA61306222200			1.00	0.96	mg/L	96
07/01/93	LCS93-1475	EMJA61307012200			1.00	0.95	mg/L	95
07/01/93	LCSD93-1475	EMJA61307012200			1.00	0.96	mg/L	96
08/27/93	LCS933746	EMJA61308271100			1.00	0.96	mg/L	96
08/27/93	LCSD933746	EMJA61308271100			1.00	0.96	mg/L	96
09/01/93	LCS933866	EMJA61309010000			1.00	0.94	mg/L	94
09/01/93	LCS933905	EMJA61309010000			1.00	0.89	mg/L	89
09/01/93	LCSD933866	EMJA61309010000			1.00	0.95	mg/L	95
09/01/93	LCSD933905	EMJA61309010000			1.00	0.90	mg/L	90
09/07/93	LCS933866	EMJA61309071000			1.00	0.95	mg/L	95

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Cadmium continued							
Type of Spike : Laboratory Control							
09/07/93	LCS933905	EMJA61309071000		1.00	0.90	mg/L	90
09/07/93	LCSD933866	EMJA61309071000		1.00	0.95	mg/L	95
09/07/93	LCSD933905	EMJA61309071000		1.00	0.91	mg/L	91
09/17/93	LCS934378	EMJA61309171000		1.00	0.95	mg/L	95
09/17/93	LCSD934378	EMJA61309171000		1.00	0.95	mg/L	95
09/24/93	LCS934413	EMJA61309240100		1.00	0.88	mg/L	88
09/24/93	LCS934458	EMJA61309240100		1.00	0.94	mg/L	94
09/24/93	LCS934612	EMJA61309240100		1.00	0.95	mg/L	95
09/24/93	LCSD934413	EMJA61309240100		1.00	0.89	mg/L	89
09/24/93	LCSD934458	EMJA61309240100		1.00	0.93	mg/L	93
09/24/93	LCSD934612	EMJA61309240100		1.00	0.96	mg/L	96
09/30/93	LCS934612	EMJA61309301400		1.00	0.97	mg/L	97
09/30/93	LCSD934612	EMJA61309301400		1.00	0.98	mg/L	98
10/05/93	LCS934625	EMJA61310051000		1.00	0.97	mg/L	97
10/05/93	LCSD934625	EMJA61310051000		1.00	0.97	mg/L	97
Number of Samples : 28			Below acceptance : 0				
Mean % Recovery : 94.3			Above acceptance : 0				
Standard Deviation : 2.79			Acceptance Criteria 80-120				
Type of Spike : Matrix Spike							
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.00	1.00	0.95	mg/L	95
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.00	1.00	0.94	mg/L	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.00	1.00	0.94	mg/L	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.00	1.00	0.93	mg/L	93
07/01/93	05-MW-06-03	EMJA61307012200	0.00	1.00	0.96	mg/L	96
07/01/93	05-MW-06-03	EMJA61307012200	0.00	1.00	0.96	mg/L	96
09/01/93	07-SW-03-01	EMJA61309010000	- 0.00	1.00	0.95	mg/L	95
09/01/93	07-SW-03-01	EMJA61309010000	- 0.00	1.00	0.95	mg/L	95
09/07/93	07-SW-03-01	EMJA61309071000	0.00	1.00	0.95	mg/L	95
09/07/93	07-SW-03-01	EMJA61309071000	0.00	1.00	0.95	mg/L	95
09/24/93	05-MW-15-01 MS	EMJA61309240100	0.02	1.00	0.93	mg/L	92
09/24/93	05-MW-15-01 MSD	EMJA61309240100	0.02	1.00	0.94	mg/L	92
09/24/93	06-MW-07-01 MS	EMJA61309240100	0.00	1.00	0.91	mg/L	91
09/24/93	06-MW-07-01 MSD	EMJA61309240100	0.00	1.00	0.92	mg/L	91
09/30/93	05-MW-15-01 MS	EMJA61309301400	0.01	1.00	0.96	mg/L	95
09/30/93	05-MW-15-01 MSD	EMJA61309301400	0.01	1.00	0.95	mg/L	94
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 93.9			Above acceptance : 0				
Standard Deviation : 1.65			Acceptance Criteria 75-125				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Calcium							
Type of Spike : Laboratory Control							
06/23/93	LCS93-1202	EMJA61306222200		10.00	10.10	mg/L	101
06/23/93	LCS93-1336	EMJA61306222200		10.00	10.20	mg/L	102
06/23/93	LCSD93-1202	EMJA61306222200		10.00	10.20	mg/L	102
06/23/93	LCSD93-1336	EMJA61306222200		10.00	10.20	mg/L	102
07/01/93	LCS93-1475	EMJA61307012200		10.00	10.20	mg/L	102
07/01/93	LCSD93-1475	EMJA61307012200		10.00	10.30	mg/L	103
08/27/93	LCS933746	EMJA61308271100		10.00	9.83	mg/L	98
08/27/93	LCSD933746	EMJA61308271100		10.00	9.86	mg/L	99
09/01/93	LCS933866	EMJA61309010000		10.00	9.95	mg/L	99
09/01/93	LCS933905	EMJA61309010000		50.00	46.90	mg/L	94
09/01/93	LCSD933866	EMJA61309010000		10.00	9.96	mg/L	100
09/01/93	LCSD933905	EMJA61309010000		50.00	47.30	mg/L	95
09/07/93	LCS933866	EMJA61309071000		10.00	10.20	mg/L	102
09/07/93	LCS933905	EMJA61309071000		50.00	48.60	mg/L	97
09/07/93	LCSD933866	EMJA61309071000		10.00	10.20	mg/L	102
09/07/93	LCSD933905	EMJA61309071000		50.00	48.90	mg/L	98
09/17/93	LCS934378	EMJA61309171000		10.00	10.10	mg/L	101
09/17/93	LCSD934378	EMJA61309171000		10.00	10.10	mg/L	101
09/24/93	LCS934413	EMJA61309240100		50.00	47.20	mg/L	94
09/24/93	LCS934458	EMJA61309240100		10.00	9.78	mg/L	98
09/24/93	LCS934612	EMJA61309240100		10.00	9.99	mg/L	100
09/24/93	LCSD934413	EMJA61309240100		50.00	47.70	mg/L	95
09/24/93	LCSD934458	EMJA61309240100		10.00	9.80	mg/L	98
09/24/93	LCSD934612	EMJA61309240100		10.00	10.10	mg/L	101
09/30/93	LCS934612	EMJA61309301400		10.00	10.30	mg/L	103
09/30/93	LCSD934612	EMJA61309301400		10.00	10.30	mg/L	103
10/05/93	LCS934625	EMJA61310051000		10.00	10.70	mg/L	107
10/05/93	LCSD934625	EMJA61310051000		10.00	10.70	mg/L	107
Number of Samples : 28			Below acceptance : 0				
Mean % Recovery : 100.1			Above acceptance : 0				
Standard Deviation : 3.34			Acceptance Criteria 80-120				
Type of Spike : Matrix Spike							
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	105.00	10.00	116.00	mg/L	112
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	105.00	10.00	115.00	mg/L	102
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	146.00	10.00	158.00	mg/L	122
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	146.00	10.00	155.00	mg/L	96
07/01/93	05-MW-06-03	EMJA61307012200	133.00	10.00	141.00	mg/L	86
07/01/93	05-MW-06-03	EMJA61307012200	133.00	10.00	144.00	mg/L	117
09/01/93	07-SW-03-01	EMJA61309010000	77.90	10.00	90.80	mg/L	129
09/01/93	07-SW-03-01	EMJA61309010000	77.90	10.00	90.40	mg/L	125
09/07/93	07-SW-03-01	EMJA61309071000	79.50	10.00	92.40	mg/L	129
09/07/93	07-SW-03-01	EMJA61309071000	79.50	10.00	92.70	mg/L	133

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Calcium continued							
Type of Spike : Matrix Spike							
09/24/93	05-MW-15-01 MS	EMJA61309240100	149.00	10.00	158.00	mg/L	86
09/24/93	05-MW-15-01 MSD	EMJA61309240100	149.00	10.00	159.00	mg/L	100
09/24/93	06-MW-07-01 MS	EMJA61309240100	233.00	10.00	246.00	mg/L	131
09/24/93	06-MW-07-01 MSD	EMJA61309240100	233.00	10.00	245.00	mg/L	122
09/30/93	05-MW-15-01 MS	EMJA61309301400	154.00	10.00	162.00	mg/L	80
09/30/93	05-MW-15-01 MSD	EMJA61309301400	154.00	10.00	163.00	mg/L	85
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 109.7			Above acceptance : 4				
Standard Deviation : 18.79			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Chromium							
Type of Spike : Laboratory Control							
06/23/93	LCS93-1202	EMJA61306222200		1.00	0.96	mg/L	96
06/23/93	LCS93-1336	EMJA61306222200		1.00	0.97	mg/L	97
06/23/93	LCSD93-1202	EMJA61306222200		1.00	0.97	mg/L	97
06/23/93	LCSD93-1336	EMJA61306222200		1.00	0.97	mg/L	97
07/01/93	LCS93-1475	EMJA61307012200		1.00	0.98	mg/L	98
07/01/93	LCSD93-1475	EMJA61307012200		1.00	0.99	mg/L	99
08/27/93	LCS933746	EMJA61308271100		1.00	0.98	mg/L	98
08/27/93	LCSD933746	EMJA61308271100		1.00	0.98	mg/L	97
09/01/93	LCS933866	EMJA61309010000		1.00	0.97	mg/L	97
09/01/93	LCS933905	EMJA61309010000		1.00	0.94	mg/L	94
09/01/93	LCSD933866	EMJA61309010000		1.00	0.98	mg/L	98
09/01/93	LCSD933905	EMJA61309010000		1.00	0.94	mg/L	94
09/07/93	LCS933866	EMJA61309071000		1.00	0.97	mg/L	97
09/07/93	LCS933905	EMJA61309071000		1.00	0.93	mg/L	93
09/07/93	LCSD933866	EMJA61309071000		1.00	0.97	mg/L	97
09/07/93	LCSD933905	EMJA61309071000		1.00	0.93	mg/L	93
09/17/93	LCS934378	EMJA61309171000		1.00	0.97	mg/L	97
09/17/93	LCSD934378	EMJA61309171000		1.00	0.97	mg/L	97
09/24/93	LCS934413	EMJA61309240100		1.00	0.90	mg/L	90
09/24/93	LCS934458	EMJA61309240100		1.00	0.94	mg/L	94
09/24/93	LCS934612	EMJA61309240100		1.00	0.95	mg/L	95
09/24/93	LCSD934413	EMJA61309240100		1.00	0.91	mg/L	91
09/24/93	LCSD934458	EMJA61309240100		1.00	0.93	mg/L	93
09/24/93	LCSD934612	EMJA61309240100		1.00	0.97	mg/L	97
09/30/93	LCS934612	EMJA61309301400		1.00	1.00	mg/L	100
09/30/93	LCSD934612	EMJA61309301400		1.00	1.00	mg/L	100
10/05/93	LCS934625	EMJA61310051000		1.00	0.99	mg/L	99
10/05/93	LCSD934625	EMJA61310051000		1.00	1.00	mg/L	100
Number of Samples : 28			Below acceptance : 0				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID		ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals								
Spiked Analyte : Chromium continued								
Type of Spike : Laboratory Control								
Mean % Recovery : 96.3				Above acceptance : 0				
Standard Deviation : 2.63				Acceptance Criteria 80-120				
Type of Spike : Matrix Spike								
06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.01	1.00	0.95	mg/L	94
06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.01	1.00	0.94	mg/L	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200		0.00	1.00	0.94	mg/L	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200		0.00	1.00	0.93	mg/L	93
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.98	mg/L	98
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.97	mg/L	97
09/01/93	07-SW-03-01	EMJA61309010000		0.00	1.00	0.98	mg/L	98
09/01/93	07-SW-03-01	EMJA61309010000		0.00	1.00	0.97	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000		0.00	1.00	0.97	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000		0.00	1.00	0.96	mg/L	96
09/24/93	05-MW-15-01 MS	EMJA61309240100		0.00	1.00	0.93	mg/L	92
09/24/93	05-MW-15-01 MSD	EMJA61309240100		0.00	1.00	0.93	mg/L	93
09/24/93	06-MW-07-01 MS	EMJA61309240100	-	0.00	1.00	0.90	mg/L	90
09/24/93	06-MW-07-01 MSD	EMJA61309240100	-	0.00	1.00	0.91	mg/L	91
09/30/93	05-MW-15-01 MS	EMJA61309301400		0.00	1.00	0.97	mg/L	97
09/30/93	05-MW-15-01 MSD	EMJA61309301400		0.00	1.00	0.97	mg/L	96
Number of Samples : 16				Below acceptance : 0				
Mean % Recovery : 94.8				Above acceptance : 0				
Standard Deviation : 2.54				Acceptance Criteria 75-125				
Method : SW6010 - Metals								
Spiked Analyte : Cobalt								
Type of Spike : Laboratory Control								
06/23/93	LCS93-1202	EMJA61306222200			1.00	0.95	mg/L	95
06/23/93	LCS93-1336	EMJA61306222200			1.00	0.96	mg/L	96
06/23/93	LCSD93-1202	EMJA61306222200			1.00	0.97	mg/L	97
06/23/93	LCSD93-1336	EMJA61306222200			1.00	0.96	mg/L	96
07/01/93	LCS93-1475	EMJA61307012200			1.00	0.98	mg/L	98
07/01/93	LCSD93-1475	EMJA61307012200			1.00	0.99	mg/L	98
08/27/93	LCS933746	EMJA61308271100			1.00	0.96	mg/L	96
08/27/93	LCSD933746	EMJA61308271100			1.00	0.97	mg/L	97
09/01/93	LCS933866	EMJA61309010000			1.00	0.95	mg/L	95
09/01/93	LCS933905	EMJA61309010000			1.00	0.90	mg/L	90
09/01/93	LCSD933866	EMJA61309010000			1.00	0.96	mg/L	96
09/01/93	LCSD933905	EMJA61309010000			1.00	0.91	mg/L	91
09/07/93	LCS933866	EMJA61309071000			1.00	0.96	mg/L	95

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Cobalt continued							
Type of Spike : Laboratory Control							
09/07/93	LCS933905	EMJA61309071000		1.00	0.91	mg/L	91
09/07/93	LCSD933866	EMJA61309071000		1.00	0.96	mg/L	96
09/07/93	LCSD933905	EMJA61309071000		1.00	0.91	mg/L	91
09/17/93	LCS934378	EMJA61309171000		1.00	0.97	mg/L	97
09/17/93	LCSD934378	EMJA61309171000		1.00	0.96	mg/L	96
09/24/93	LCS934413	EMJA61309240100		1.00	0.88	mg/L	88
09/24/93	LCS934458	EMJA61309240100		1.00	0.92	mg/L	92
09/24/93	LCS934612	EMJA61309240100		1.00	0.94	mg/L	94
09/24/93	LCSD934413	EMJA61309240100		1.00	0.89	mg/L	89
09/24/93	LCSD934458	EMJA61309240100		1.00	0.92	mg/L	92
09/24/93	LCSD934612	EMJA61309240100		1.00	0.95	mg/L	95
09/30/93	LCS934612	EMJA61309301400		1.00	0.98	mg/L	98
09/30/93	LCSD934612	EMJA61309301400		1.00	0.98	mg/L	98
10/05/93	LCS934625	EMJA61310051000		1.00	0.98	mg/L	98
10/05/93	LCSD934625	EMJA61310051000		1.00	0.99	mg/L	99
Number of Samples : 28			Below acceptance : 0				
Mean % Recovery : 94.8			Above acceptance : 0				
Standard Deviation : 3.07			Acceptance Criteria 80-120				
Type of Spike : Matrix Spike							
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	- 0.00	1.00	0.93	mg/L	93
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	- 0.00	1.00	0.94	mg/L	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	- 0.00	1.00	0.92	mg/L	92
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	- 0.00	1.00	0.93	mg/L	93
07/01/93	05-MW-06-03	EMJA61307012200	0.00	1.00	0.97	mg/L	97
07/01/93	05-MW-06-03	EMJA61307012200	0.00	1.00	0.98	mg/L	98
09/01/93	07-SW-03-01	EMJA61309010000	0.00	1.00	0.96	mg/L	96
09/01/93	07-SW-03-01	EMJA61309010000	0.00	1.00	0.96	mg/L	96
09/07/93	07-SW-03-01	EMJA61309071000	0.00	1.00	0.95	mg/L	95
09/07/93	07-SW-03-01	EMJA61309071000	0.00	1.00	0.95	mg/L	95
09/24/93	05-MW-15-01 MS	EMJA61309240100	0.01	1.00	0.91	mg/L	91
09/24/93	05-MW-15-01 MSD	EMJA61309240100	0.01	1.00	0.91	mg/L	91
09/24/93	06-MW-07-01 MS	EMJA61309240100	0.01	1.00	0.89	mg/L	88
09/24/93	06-MW-07-01 MSD	EMJA61309240100	0.01	1.00	0.89	mg/L	88
09/30/93	05-MW-15-01 MS	EMJA61309301400	0.00	1.00	0.95	mg/L	95
09/30/93	05-MW-15-01 MSD	EMJA61309301400	0.00	1.00	0.95	mg/L	94
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 93.5			Above acceptance : 0				
Standard Deviation : 2.92			Acceptance Criteria 75-125				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Copper							
Type of Spike : Laboratory Control							
06/23/93	LCS93-1202	EMJA61306222200		1.00	0.97	mg/L	97
06/23/93	LCS93-1336	EMJA61306222200		1.00	0.98	mg/L	98
06/23/93	LCSD93-1202	EMJA61306222200		1.00	0.99	mg/L	99
06/23/93	LCSD93-1336	EMJA61306222200		1.00	0.98	mg/L	98
07/01/93	LCS93-1475	EMJA61307012200		1.00	0.98	mg/L	98
07/01/93	LCSD93-1475	EMJA61307012200		1.00	0.98	mg/L	98
08/30/93	LCS933452	EMJA61308301200		1.00	1.01	mg/L	101
08/30/93	LCSD933452	EMJA61308301200		1.00	1.01	mg/L	101
09/01/93	LCS933866	EMJA61309010000		1.00	0.97	mg/L	97
09/01/93	LCS933905	EMJA61309010000		1.00	0.93	mg/L	93
09/01/93	LCSD933866	EMJA61309010000		1.00	0.97	mg/L	97
09/01/93	LCSD933905	EMJA61309010000		1.00	0.94	mg/L	93
09/07/93	LCS933866	EMJA61309071000		1.00	0.98	mg/L	98
09/07/93	LCS933905	EMJA61309071000		1.00	0.93	mg/L	93
09/07/93	LCSD933866	EMJA61309071000		1.00	0.97	mg/L	97
09/07/93	LCSD933905	EMJA61309071000		1.00	0.93	mg/L	93
09/17/93	LCS934378	EMJA61309171000		1.00	0.96	mg/L	96
09/17/93	LCSD934378	EMJA61309171000		1.00	0.96	mg/L	96
09/24/93	LCS934413	EMJA61309240100		1.00	0.89	mg/L	89
09/24/93	LCS934458	EMJA61309240100		1.00	0.93	mg/L	93
09/24/93	LCS934612	EMJA61309240100		1.00	0.95	mg/L	95
09/24/93	LCSD934413	EMJA61309240100		1.00	0.90	mg/L	90
09/24/93	LCSD934458	EMJA61309240100		1.00	0.93	mg/L	93
09/24/93	LCSD934612	EMJA61309240100		1.00	0.96	mg/L	96
09/30/93	LCS934612	EMJA61309301400		1.00	0.99	mg/L	99
09/30/93	LCSD934612	EMJA61309301400		1.00	0.99	mg/L	98
10/05/93	LCS934625	EMJA61310051000		1.00	0.98	mg/L	98
10/05/93	LCSD934625	EMJA61310051000		1.00	0.99	mg/L	99
Number of Samples : 28			Below acceptance : 0				
Mean % Recovery : 96.2			Above acceptance : 0				
Standard Deviation : 3.03			Acceptance Criteria 80-120				
Type of Spike : Matrix Spike							
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.00	1.00	0.96	mg/L	96
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.00	1.00	0.97	mg/L	97
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.00	1.00	0.95	mg/L	95
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.00	1.00	0.96	mg/L	96
07/01/93	05-MW-06-03	EMJA61307012200	- 0.00	1.00	0.99	mg/L	99
07/01/93	05-MW-06-03	EMJA61307012200	- 0.00	1.00	0.98	mg/L	98
09/01/93	07-SW-03-01	EMJA61309010000	0.00	1.00	0.99	mg/L	98
09/01/93	07-SW-03-01	EMJA61309010000	0.00	1.00	0.99	mg/L	99
09/07/93	07-SW-03-01	EMJA61309071000	0.01	1.00	0.97	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000	0.01	1.00	0.98	mg/L	98

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Copper continued							
Type of Spike : Matrix Spike							
09/24/93	05-MW-15-01 MS	EMJA61309240100	0.00	1.00	0.93	mg/L	93
09/24/93	05-MW-15-01 MSD	EMJA61309240100	0.00	1.00	0.94	mg/L	94
09/24/93	06-MW-07-01 MS	EMJA61309240100	0.00	1.00	0.92	mg/L	92
09/24/93	06-MW-07-01 MSD	EMJA61309240100	0.00	1.00	0.93	mg/L	92
09/30/93	05-MW-15-01 MS	EMJA61309301400	- 0.00	1.00	0.97	mg/L	97
09/30/93	05-MW-15-01 MSD	EMJA61309301400	- 0.00	1.00	0.96	mg/L	97
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 96.1			Above acceptance : 0				
Standard Deviation : 2.31			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Iron							
Type of Spike : Laboratory Control							
06/23/93	LCS93-1202	EMJA61306222200		10.00	9.53	mg/L	95
06/23/93	LCS93-1336	EMJA61306222200		10.00	9.65	mg/L	96
06/23/93	LCSD93-1202	EMJA61306222200		10.00	9.73	mg/L	97
06/23/93	LCSD93-1336	EMJA61306222200		10.00	9.65	mg/L	96
07/01/93	LCS93-1475	EMJA61307012200		10.00	9.83	mg/L	98
07/01/93	LCSD93-1475	EMJA61307012200		10.00	9.96	mg/L	100
08/27/93	LCS933746	EMJA61308271100		10.00	9.46	mg/L	95
08/27/93	LCSD933746	EMJA61308271100		10.00	9.50	mg/L	95
09/01/93	LCS933866	EMJA61309010000		10.00	9.83	mg/L	98
09/01/93	LCS933905	EMJA61309010000		50.00	46.40	mg/L	93
09/01/93	LCSD933866	EMJA61309010000		10.00	9.87	mg/L	99
09/01/93	LCSD933905	EMJA61309010000		50.00	46.80	mg/L	94
09/07/93	LCS933866	EMJA61309071000		10.00	9.82	mg/L	98
09/07/93	LCS933905	EMJA61309071000		50.00	46.20	mg/L	92
09/07/93	LCSD933866	EMJA61309071000		10.00	9.79	mg/L	98
09/07/93	LCSD933905	EMJA61309071000		50.00	46.50	mg/L	93
09/17/93	LCS934378	EMJA61309171000		10.00	9.69	mg/L	97
09/17/93	LCSD934378	EMJA61309171000		10.00	9.66	mg/L	97
09/24/93	LCS934413	EMJA61309240100		50.00	45.30	mg/L	91
09/24/93	LCS934458	EMJA61309240100		10.00	9.36	mg/L	94
09/24/93	LCS934612	EMJA61309240100		10.00	9.56	mg/L	96
09/24/93	LCSD934413	EMJA61309240100		50.00	45.80	mg/L	92
09/24/93	LCSD934458	EMJA61309240100		10.00	9.37	mg/L	94
09/24/93	LCSD934612	EMJA61309240100		10.00	9.67	mg/L	97
09/30/93	LCS934612	EMJA61309301400		10.00	10.10	mg/L	101
09/30/93	LCSD934612	EMJA61309301400		10.00	9.95	mg/L	100
10/05/93	LCS934625	EMJA61310051000		10.00	10.30	mg/L	103
10/05/93	LCSD934625	EMJA61310051000		10.00	10.40	mg/L	104
Number of Samples : 28			Below acceptance : 0				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Iron continued							
Type of Spike : Laboratory Control							
Mean % Recovery : 96.5			Above acceptance : 0				
Standard Deviation : 3.23			Acceptance Criteria 80-120				
Type of Spike : Matrix Spike							
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	12.60	10.00	22.00	mg/L	94
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	12.60	10.00	21.90	mg/L	93
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.04	10.00	9.34	mg/L	93
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.04	10.00	9.28	mg/L	92
07/01/93	05-MW-06-03	EMJA61307012200	27.40	10.00	36.80	mg/L	94
07/01/93	05-MW-06-03	EMJA61307012200	27.40	10.00	37.50	mg/L	100
09/01/93	07-SW-03-01	EMJA61309010000	2.84	10.00	12.80	mg/L	99
09/01/93	07-SW-03-01	EMJA61309010000	2.84	10.00	12.80	mg/L	99
09/07/93	07-SW-03-01	EMJA61309071000	2.81	10.00	12.60	mg/L	98
09/07/93	07-SW-03-01	EMJA61309071000	2.81	10.00	12.70	mg/L	99
09/24/93	05-MW-15-01 MS	EMJA61309240100	0.12	10.00	9.43	mg/L	93
09/24/93	05-MW-15-01 MSD	EMJA61309240100	0.12	10.00	9.44	mg/L	93
09/24/93	06-MW-07-01 MS	EMJA61309240100	0.35	10.00	9.43	mg/L	91
09/24/93	06-MW-07-01 MSD	EMJA61309240100	0.35	10.00	9.49	mg/L	91
09/30/93	05-MW-15-01 MS	EMJA61309301400	0.12	10.00	9.80	mg/L	97
09/30/93	05-MW-15-01 MSD	EMJA61309301400	0.12	10.00	9.74	mg/L	96
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 95.1			Above acceptance : 0				
Standard Deviation : 3.12			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Lead							
Type of Spike : Laboratory Control							
06/23/93	LCS93-1202	EMJA61306222200		1.00	0.99	mg/L	99
06/23/93	LCS93-1336	EMJA61306222200		1.00	1.00	mg/L	100
06/23/93	LCSD93-1202	EMJA61306222200		1.00	0.97	mg/L	97
06/23/93	LCSD93-1336	EMJA61306222200		1.00	0.98	mg/L	98
07/01/93	LCS93-1475	EMJA61307012200		1.00	1.00	mg/L	100
07/01/93	LCSD93-1475	EMJA61307012200		1.00	0.98	mg/L	98
08/27/93	LCS933746	EMJA61308271100		1.00	0.96	mg/L	96
08/27/93	LCSD933746	EMJA61308271100		1.00	0.97	mg/L	97
09/01/93	LCS933866	EMJA61309010000		1.00	1.00	mg/L	100
09/01/93	LCS933905	EMJA61309010000		1.00	0.94	mg/L	94
09/01/93	LCSD933866	EMJA61309010000		1.00	0.99	mg/L	99
09/01/93	LCSD933905	EMJA61309010000		1.00	0.92	mg/L	92
09/07/93	LCS933866	EMJA61309071000		1.00	0.96	mg/L	96

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Lead continued							
Type of Spike : Laboratory Control							
09/07/93	LCS933905	EMJA61309071000		1.00	0.93	mg/L	93
09/07/93	LCSD933866	EMJA61309071000		1.00	0.97	mg/L	97
09/07/93	LCSD933905	EMJA61309071000		1.00	0.94	mg/L	94
09/17/93	LCS934378	EMJA61309171000		1.00	0.97	mg/L	97
09/17/93	LCSD934378	EMJA61309171000		1.00	0.97	mg/L	97
09/24/93	LCS934413	EMJA61309240100		1.00	0.89	mg/L	89
09/24/93	LCS934458	EMJA61309240100		1.00	0.94	mg/L	94
09/24/93	LCS934612	EMJA61309240100		1.00	0.96	mg/L	96
09/24/93	LCSD934413	EMJA61309240100		1.00	0.91	mg/L	91
09/24/93	LCSD934458	EMJA61309240100		1.00	0.92	mg/L	92
09/24/93	LCSD934612	EMJA61309240100		1.00	1.00	mg/L	100
09/30/93	LCS934612	EMJA61309301400		1.00	0.98	mg/L	98
09/30/93	LCSD934612	EMJA61309301400		1.00	1.02	mg/L	102
10/05/93	LCS934625	EMJA61310051000		1.00	1.01	mg/L	101
10/05/93	LCSD934625	EMJA61310051000		1.00	0.97	mg/L	97

Number of Samples	: 28	Below acceptance :	0
Mean % Recovery	: 96.6	Above acceptance :	0
Standard Deviation	: 3.21	Acceptance Criteria	80-120

Type of Spike : Matrix Spike

06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.02	1.00	0.97	mg/L	95
06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.02	1.00	0.95	mg/L	93
06/23/93	12-MW-02-DS-03 M	EMJA61306222200		0.01	1.00	0.96	mg/L	95
06/23/93	12-MW-02-DS-03 M	EMJA61306222200		0.01	1.00	0.95	mg/L	94
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.98	mg/L	99
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.97	mg/L	97
09/01/93	07-SW-03-01	EMJA61309010000	-	0.00	1.00	0.98	mg/L	98
09/01/93	07-SW-03-01	EMJA61309010000	-	0.00	1.00	0.98	mg/L	98
09/07/93	07-SW-03-01	EMJA61309071000		0.01	1.00	0.96	mg/L	95
09/07/93	07-SW-03-01	EMJA61309071000		0.01	1.00	0.97	mg/L	96
09/24/93	06-MW-07-01 MS	EMJA61309240100	-	0.01	1.00	0.90	mg/L	92
09/24/93	06-MW-07-01 MSD	EMJA61309240100	-	0.01	1.00	0.90	mg/L	92
09/30/93	05-MW-15-01 MS	EMJA61309301400		0.19	1.00	0.98	mg/L	79
09/30/93	05-MW-15-01 MSD	EMJA61309301400		0.19	1.00	0.96	mg/L	76

Number of Samples	: 14	Below acceptance :	0
Mean % Recovery	: 92.8	Above acceptance :	0
Standard Deviation	: 6.85	Acceptance Criteria	75-125

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW6010 - Metals							
Spiked Analyte : Magnesium							
Type of Spike : Laboratory Control							
06/23/93	LCS93-1202	EMJA61306222200		10.00	9.73	mg/L	97
06/23/93	LCS93-1336	EMJA61306222200		10.00	9.82	mg/L	98
06/23/93	LCSD93-1202	EMJA61306222200		10.00	9.93	mg/L	99
06/23/93	LCSD93-1336	EMJA61306222200		10.00	9.81	mg/L	98
07/01/93	LCS93-1475	EMJA61307012200		10.00	9.83	mg/L	98
07/01/93	LCSD93-1475	EMJA61307012200		10.00	9.95	mg/L	100
08/27/93	LCS933746	EMJA61308271100		10.00	9.44	mg/L	94
08/27/93	LCSD933746	EMJA61308271100		10.00	9.44	mg/L	94
09/01/93	LCS933866	EMJA61309010000		10.00	9.74	mg/L	97
09/01/93	LCS933905	EMJA61309010000		50.00	47.00	mg/L	94
09/01/93	LCSD933866	EMJA61309010000		10.00	9.78	mg/L	98
09/01/93	LCSD933905	EMJA61309010000		50.00	47.20	mg/L	94
09/07/93	LCS933866	EMJA61309071000		10.00	9.72	mg/L	97
09/07/93	LCS933905	EMJA61309071000		50.00	46.30	mg/L	93
09/07/93	LCSD933866	EMJA61309071000		10.00	9.69	mg/L	97
09/07/93	LCSD933905	EMJA61309071000		50.00	46.60	mg/L	93
09/17/93	LCS934378	EMJA61309171000		10.00	9.57	mg/L	96
09/17/93	LCSD934378	EMJA61309171000		10.00	9.52	mg/L	95
09/24/93	LCS934413	EMJA61309240100		50.00	46.30	mg/L	93
09/24/93	LCS934458	EMJA61309240100		10.00	9.51	mg/L	95
09/24/93	LCS934612	EMJA61309240100		10.00	9.68	mg/L	97
09/24/93	LCSD934413	EMJA61309240100		50.00	46.70	mg/L	93
09/24/93	LCSD934458	EMJA61309240100		10.00	9.53	mg/L	95
09/24/93	LCSD934612	EMJA61309240100		10.00	9.80	mg/L	98
09/30/93	LCS934612	EMJA61309301400		10.00	9.75	mg/L	98
09/30/93	LCSD934612	EMJA61309301400		10.00	9.77	mg/L	98
10/05/93	LCS934625	EMJA61310051000		10.00	9.97	mg/L	100
10/05/93	LCSD934625	EMJA61310051000		10.00	10.00	mg/L	100
Number of Samples : 28			Below acceptance : 0				
Mean % Recovery : 96.4			Above acceptance : 0				
Standard Deviation : 2.28			Acceptance Criteria .80-120				
Type of Spike : Matrix Spike							
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	99.10	10.00	110.00	mg/L	112
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	99.10	10.00	109.00	mg/L	102
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	26.90	10.00	36.60	mg/L	96
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	26.90	10.00	37.00	mg/L	101
07/01/93	05-MW-06-03	EMJA61307012200	27.30	10.00	36.80	mg/L	96
07/01/93	05-MW-06-03	EMJA61307012200	27.30	10.00	37.60	mg/L	103
09/01/93	07-SW-03-01	EMJA61309010000	42.70	10.00	54.40	mg/L	117
09/01/93	07-SW-03-01	EMJA61309010000	42.70	10.00	54.20	mg/L	114
09/07/93	07-SW-03-01	EMJA61309071000	42.20	10.00	53.40	mg/L	113
09/07/93	07-SW-03-01	EMJA61309071000	42.20	10.00	53.70	mg/L	115

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Magnesium continued							
Type of Spike : Matrix Spike							
09/24/93	05-MW-15-01 MS	EMJA61309240100	31.10	10.00	40.40	mg/L	93
09/24/93	05-MW-15-01 MSD	EMJA61309240100	31.10	10.00	40.80	mg/L	96
09/24/93	06-MW-07-01 MS	EMJA61309240100	62.60	10.00	73.10	mg/L	105
09/24/93	06-MW-07-01 MSD	EMJA61309240100	62.60	10.00	72.70	mg/L	102
09/30/93	05-MW-15-01 MS	EMJA61309301400	31.50	10.00	40.80	mg/L	93
09/30/93	05-MW-15-01 MSD	EMJA61309301400	31.50	10.00	40.70	mg/L	92
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 103.1			Above acceptance : 0				
Standard Deviation : 8.64			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Manganese							
Type of Spike : Laboratory Control							
06/23/93	LCS93-1202	EMJA61306222200		1.00	0.95	mg/L	95
06/23/93	LCS93-1336	EMJA61306222200		1.00	0.96	mg/L	96
06/23/93	LCSD93-1202	EMJA61306222200		1.00	0.97	mg/L	97
06/23/93	LCSD93-1336	EMJA61306222200		1.00	0.96	mg/L	96
07/01/93	LCS93-1475	EMJA61307012200		1.00	0.97	mg/L	97
07/01/93	LCSD93-1475	EMJA61307012200		1.00	0.98	mg/L	98
08/27/93	LCS933746	EMJA61308271100		1.00	0.97	mg/L	97
08/27/93	LCSD933746	EMJA61308271100		1.00	0.97	mg/L	97
09/01/93	LCS933866	EMJA61309010000		1.00	0.96	mg/L	96
09/01/93	LCS933905	EMJA61309010000		1.00	0.92	mg/L	92
09/01/93	LCSD933866	EMJA61309010000		1.00	0.97	mg/L	97
09/01/93	LCSD933905	EMJA61309010000		1.00	0.92	mg/L	92
09/07/93	LCS933866	EMJA61309071000		1.00	0.96	mg/L	96
09/07/93	LCS933905	EMJA61309071000		1.00	0.92	mg/L	92
09/07/93	LCSD933866	EMJA61309071000		1.00	0.96	mg/L	96
09/07/93	LCSD933905	EMJA61309071000		1.00	0.93	mg/L	93
09/17/93	LCS934378	EMJA61309171000		1.00	0.97	mg/L	97
09/17/93	LCSD934378	EMJA61309171000		1.00	0.96	mg/L	96
09/24/93	LCS934413	EMJA61309240100		1.00	0.89	mg/L	89
09/24/93	LCS934458	EMJA61309240100		1.00	0.93	mg/L	93
09/24/93	LCS934612	EMJA61309240100		1.00	0.95	mg/L	95
09/24/93	LCSD934413	EMJA61309240100		1.00	0.90	mg/L	90
09/24/93	LCSD934458	EMJA61309240100		1.00	0.93	mg/L	92
09/24/93	LCSD934612	EMJA61309240100		1.00	0.95	mg/L	95
09/30/93	LCS934612	EMJA61309301400		1.00	0.99	mg/L	99
09/30/93	LCSD934612	EMJA61309301400		1.00	0.99	mg/L	99
10/05/93	LCS934625	EMJA61310051000		1.00	0.98	mg/L	98
10/05/93	LCSD934625	EMJA61310051000		1.00	0.99	mg/L	99
Number of Samples : 28			Below acceptance : 0				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Manganese continued							
Type of Spike : Laboratory Control							
Mean % Recovery : 95.3			Above acceptance : 0				
Standard Deviation : 2.71			Acceptance Criteria 80-120				
Type of Spike : Matrix Spike							
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.16	1.00	1.09	mg/L	93
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.16	1.00	1.10	mg/L	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.06	1.00	0.99	mg/L	93
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.06	1.00	0.98	mg/L	92
07/01/93	05-MW-06-03	EMJA61307012200	2.81	1.00	3.81	mg/L	101
07/01/93	05-MW-06-03	EMJA61307012200	2.81	1.00	3.75	mg/L	94
09/01/93	07-SW-03-01	EMJA61309010000	0.10	1.00	1.08	mg/L	97
09/01/93	07-SW-03-01	EMJA61309010000	0.10	1.00	1.08	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000	0.10	1.00	1.07	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000	0.10	1.00	1.06	mg/L	97
09/24/93	05-MW-15-01 MS	EMJA61309240100	2.98	1.00	3.88	mg/L	89
09/24/93	05-MW-15-01 MSD	EMJA61309240100	2.98	1.00	3.90	mg/L	92
09/24/93	06-MW-07-01 MS	EMJA61309240100	1.75	1.00	2.67	mg/L	92
09/24/93	06-MW-07-01 MSD	EMJA61309240100	1.75	1.00	2.67	mg/L	92
09/30/93	05-MW-15-01 MS	EMJA61309301400	3.14	1.00	4.05	mg/L	91
09/30/93	05-MW-15-01 MSD	EMJA61309301400	3.14	1.00	4.05	mg/L	92
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 93.9			Above acceptance : 0				
Standard Deviation : 3.07			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Molybdenum							
Type of Spike : Laboratory Control							
06/23/93	LCS93-1202	EMJA61306222200		1.00	0.94	mg/L	94
06/23/93	LCS93-1336	EMJA61306222200		1.00	0.95	mg/L	95
06/23/93	LCSD93-1202	EMJA61306222200		1.00	0.96	mg/L	96
06/23/93	LCSD93-1336	EMJA61306222200		1.00	0.96	mg/L	96
07/01/93	LCS93-1475	EMJA61307012200		1.00	0.96	mg/L	96
07/01/93	LCSD93-1475	EMJA61307012200		1.00	0.97	mg/L	97
08/27/93	LCS933746	EMJA61308271100		1.00	0.93	mg/L	93
08/27/93	LCSD933746	EMJA61308271100		1.00	0.94	mg/L	94
09/01/93	LCS933866	EMJA61309010000		1.00	0.95	mg/L	95
09/01/93	LCS933905	EMJA61309010000		1.00	0.92	mg/L	92
09/01/93	LCSD933866	EMJA61309010000		1.00	0.96	mg/L	96
09/01/93	LCSD933905	EMJA61309010000		1.00	0.92	mg/L	92
09/07/93	LCS933866	EMJA61309071000		1.00	0.94	mg/L	94

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID		ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals								
Spiked Analyte : Molybdenum continued								
Type of Spike : Laboratory Control								
09/07/93	LCS933905	EMJA61309071000			1.00	0.90	mg/L	90
09/07/93	LCSD933866	EMJA61309071000			1.00	0.94	mg/L	94
09/07/93	LCSD933905	EMJA61309071000			1.00	0.91	mg/L	91
09/24/93	LCS934413	EMJA61309240100			1.00	0.88	mg/L	88
09/24/93	LCS934458	EMJA61309240100			1.00	0.91	mg/L	91
09/24/93	LCS934612	EMJA61309240100			1.00	0.93	mg/L	93
09/24/93	LCSD934413	EMJA61309240100			1.00	0.89	mg/L	89
09/24/93	LCSD934458	EMJA61309240100			1.00	0.91	mg/L	91
09/24/93	LCSD934612	EMJA61309240100			1.00	0.94	mg/L	94
09/30/93	LCS934612	EMJA61309301400			1.00	0.94	mg/L	94
09/30/93	LCSD934612	EMJA61309301400			1.00	0.95	mg/L	94
10/05/93	LCS934625	EMJA61310051000			1.00	0.98	mg/L	98
10/05/93	LCSD934625	EMJA61310051000			1.00	0.99	mg/L	98
Number of Samples : 26				Below acceptance : 0				
Mean % Recovery : 93.7				Above acceptance : 0				
Standard Deviation : 2.61				Acceptance Criteria 80-120				
Type of Spike : Matrix Spike								
06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.00	1.00	0.93	mg/L	93
06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.00	1.00	0.94	mg/L	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.92	mg/L	92
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.92	mg/L	92
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.96	mg/L	96
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.96	mg/L	96
09/01/93	07-SW-03-01	EMJA61309010000	-	0.00	1.00	0.96	mg/L	96
09/01/93	07-SW-03-01	EMJA61309010000	-	0.00	1.00	0.97	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000		0.00	1.00	0.94	mg/L	94
09/07/93	07-SW-03-01	EMJA61309071000		0.00	1.00	0.95	mg/L	94
09/24/93	05-MW-15-01 MS	EMJA61309240100		0.00	1.00	0.91	mg/L	91
09/24/93	05-MW-15-01 MSD	EMJA61309240100		0.00	1.00	0.91	mg/L	91
09/24/93	06-MW-07-01 MS	EMJA61309240100		0.00	1.00	0.89	mg/L	88
09/24/93	06-MW-07-01 MSD	EMJA61309240100		0.00	1.00	0.89	mg/L	89
09/30/93	05-MW-15-01 MS	EMJA61309301400	-	0.00	1.00	0.92	mg/L	92
09/30/93	05-MW-15-01 MSD	EMJA61309301400	-	0.00	1.00	0.92	mg/L	92
Number of Samples : 16				Below acceptance : 0				
Mean % Recovery : 92.9				Above acceptance : 0				
Standard Deviation : 2.57				Acceptance Criteria 75-125				

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID		ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals								
Spiked Analyte : Nickel								
Type of Spike : Laboratory Control								
06/23/93	LCS93-1202	EMJA61306222200			1.00	0.96	mg/L	96
06/23/93	LCS93-1336	EMJA61306222200			1.00	0.95	mg/L	95
06/23/93	LCSD93-1202	EMJA61306222200			1.00	0.98	mg/L	98
06/23/93	LCSD93-1336	EMJA61306222200			1.00	0.96	mg/L	96
07/01/93	LCS93-1475	EMJA61307012200			1.00	0.98	mg/L	98
07/01/93	LCSD93-1475	EMJA61307012200			1.00	0.98	mg/L	98
08/27/93	LCS933746	EMJA61308271100			1.00	0.96	mg/L	96
08/27/93	LCSD933746	EMJA61308271100			1.00	0.99	mg/L	99
09/01/93	LCS933866	EMJA61309010000			1.00	0.99	mg/L	99
09/01/93	LCS933905	EMJA61309010000			1.00	0.91	mg/L	91
09/01/93	LCSD933866	EMJA61309010000			1.00	0.98	mg/L	98
09/01/93	LCSD933905	EMJA61309010000			1.00	0.92	mg/L	92
09/07/93	LCS933866	EMJA61309071000			1.00	0.98	mg/L	98
09/07/93	LCS933905	EMJA61309071000			1.00	0.94	mg/L	94
09/07/93	LCSD933866	EMJA61309071000			1.00	0.98	mg/L	98
09/07/93	LCSD933905	EMJA61309071000			1.00	0.94	mg/L	94
09/17/93	LCS934378	EMJA61309171000			1.00	0.99	mg/L	99
09/17/93	LCSD934378	EMJA61309171000			1.00	0.97	mg/L	97
09/24/93	LCS934413	EMJA61309240100			1.00	0.90	mg/L	90
09/24/93	LCS934458	EMJA61309240100			1.00	0.95	mg/L	95
09/24/93	LCS934612	EMJA61309240100			1.00	0.96	mg/L	96
09/24/93	LCSD934413	EMJA61309240100			1.00	0.91	mg/L	91
09/24/93	LCSD934458	EMJA61309240100			1.00	0.93	mg/L	93
09/24/93	LCSD934612	EMJA61309240100			1.00	0.97	mg/L	97
09/30/93	LCS934612	EMJA61309301400			1.00	1.00	mg/L	100
09/30/93	LCSD934612	EMJA61309301400			1.00	1.01	mg/L	101
10/05/93	LCS934625	EMJA61310051000			1.00	1.00	mg/L	100
10/05/93	LCSD934625	EMJA61310051000			1.00	0.99	mg/L	99

Number of Samples : 28 — Below acceptance : 0
Mean % Recovery : 96.4 — Above acceptance : 0
Standard Deviation : 2.96 — Acceptance Criteria 80-120

Type of Spike : Matrix Spike

06/23/93	07-MW-02-DS-03 M	EMJA61306222200	-	0.01	1.00	0.94	mg/L	95
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	-	0.01	1.00	0.92	mg/L	93
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.92	mg/L	92
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.93	mg/L	93
07/01/93	05-MW-06-03	EMJA61307012200		0.01	1.00	0.98	mg/L	97
07/01/93	05-MW-06-03	EMJA61307012200		0.01	1.00	0.97	mg/L	96
09/01/93	07-SW-03-01	EMJA61309010000	-	0.00	1.00	0.97	mg/L	97
09/01/93	07-SW-03-01	EMJA61309010000	-	0.00	1.00	0.97	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000		0.02	1.00	0.98	mg/L	96
09/07/93	07-SW-03-01	EMJA61309071000		0.02	1.00	0.99	mg/L	97

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Nickel continued							
Type of Spike : Matrix Spike							
09/24/93	05-MW-15-01 MS	EMJA61309240100	0.01	1.00	0.93	mg/L	92
09/24/93	05-MW-15-01 MSD	EMJA61309240100	0.01	1.00	0.94	mg/L	93
09/24/93	06-MW-07-01 MS	EMJA61309240100	0.02	1.00	0.90	mg/L	89
09/24/93	06-MW-07-01 MSD	EMJA61309240100	0.02	1.00	0.92	mg/L	90
09/30/93	05-MW-15-01 MS	EMJA61309301400	0.00	1.00	0.97	mg/L	96
09/30/93	05-MW-15-01 MSD	EMJA61309301400	0.00	1.00	0.95	mg/L	95
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 94.3			Above acceptance : 0				
Standard Deviation : 2.59			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Potassium							
Type of Spike : Laboratory Control							
06/23/93	LCS93-1202	EMJA61306222200		20.00	18.80	mg/L	94
06/23/93	LCS93-1336	EMJA61306222200		20.00	19.10	mg/L	96
06/23/93	LCSD93-1202	EMJA61306222200		20.00	19.00	mg/L	95
06/23/93	LCSD93-1336	EMJA61306222200		20.00	19.20	mg/L	96
07/01/93	LCS93-1475	EMJA61307012200		20.00	19.60	mg/L	98
07/01/93	LCSD93-1475	EMJA61307012200		20.00	19.50	mg/L	97
08/27/93	LCS933746	EMJA61308271100		20.00	18.40	mg/L	92
08/27/93	LCSD933746	EMJA61308271100		20.00	18.40	mg/L	92
09/01/93	LCS933866	EMJA61309010000		20.00	19.40	mg/L	97
09/01/93	LCS933905	EMJA61309010000		50.00	47.40	mg/L	95
09/01/93	LCSD933866	EMJA61309010000		20.00	19.60	mg/L	98
09/01/93	LCSD933905	EMJA61309010000		50.00	47.20	mg/L	94
09/07/93	LCS933866	EMJA61309071000		20.00	18.50	mg/L	93
09/07/93	LCS933905	EMJA61309071000		50.00	44.50	mg/L	89
09/07/93	LCSD933866	EMJA61309071000		20.00	18.60	mg/L	93
09/07/93	LCSD933905	EMJA61309071000		50.00	44.60	mg/L	89
09/17/93	LCS934378	EMJA61309171000		20.00	18.50	mg/L	92
09/17/93	LCSD934378	EMJA61309171000		20.00	18.70	mg/L	93
09/24/93	LCS934413	EMJA61309240100		50.00	45.40	mg/L	91
09/24/93	LCS934458	EMJA61309240100		20.00	18.20	mg/L	91
09/24/93	LCS934612	EMJA61309240100		20.00	18.90	mg/L	95
09/24/93	LCSD934413	EMJA61309240100		50.00	45.20	mg/L	90
09/24/93	LCSD934458	EMJA61309240100		20.00	18.60	mg/L	93
09/24/93	LCSD934612	EMJA61309240100		20.00	19.00	mg/L	95
09/30/93	LCS934612	EMJA61309301400		20.00	19.10	mg/L	96
09/30/93	LCSD934612	EMJA61309301400		20.00	19.30	mg/L	97
10/05/93	LCS934625	EMJA61310051000		20.00	19.00	mg/L	95
10/05/93	LCSD934625	EMJA61310051000		20.00	19.40	mg/L	97
Number of Samples : 28			Below acceptance : 0				

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Potassium continued							
Type of Spike : Laboratory Control							
Mean % Recovery : 94.0			Above acceptance : 0				
Standard Deviation : 2.62			Acceptance Criteria .80-120				
Type of Spike : Matrix Spike							
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	4.76	20.00	24.30	mg/L	98
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	4.76	20.00	24.30	mg/L	98
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	2.50	20.00	21.70	mg/L	96
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	2.50	20.00	21.70	mg/L	96
07/01/93	05-MW-06-03	EMJA61307012200	2.32	20.00	22.00	mg/L	98
07/01/93	05-MW-06-03	EMJA61307012200	2.32	20.00	22.80	mg/L	103
09/01/93	07-SW-03-01	EMJA61309010000	- 0.08	20.00	20.40	mg/L	102
09/01/93	07-SW-03-01	EMJA61309010000	- 0.08	20.00	20.30	mg/L	102
09/07/93	07-SW-03-01	EMJA61309071000	0.42	20.00	19.20	mg/L	94
09/07/93	07-SW-03-01	EMJA61309071000	0.42	20.00	19.30	mg/L	94
09/24/93	05-MW-15-01 MS	EMJA61309240100	3.56	20.00	22.10	mg/L	93
09/24/93	05-MW-15-01 MSD	EMJA61309240100	3.56	20.00	22.40	mg/L	94
09/24/93	06-MW-07-01 MS	EMJA61309240100	5.84	20.00	24.30	mg/L	92
09/24/93	06-MW-07-01 MSD	EMJA61309240100	5.84	20.00	24.50	mg/L	93
09/30/93	05-MW-15-01 MS	EMJA61309301400	3.38	20.00	22.40	mg/L	95
09/30/93	05-MW-15-01 MSD	EMJA61309301400	3.38	20.00	22.30	mg/L	94
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 96.4			Above acceptance : 0				
Standard Deviation : 3.48			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Selenium							
Type of Spike : Laboratory Control							
06/23/93	LCS93-1202	EMJA61306222200		1.00	0.97	mg/L	97
06/23/93	LCS93-1336	EMJA61306222200		1.00	0.98	mg/L	98
06/23/93	LCSD93-1202	EMJA61306222200		1.00	0.99	mg/L	99
06/23/93	LCSD93-1336	EMJA61306222200		1.00	0.99	mg/L	99
07/01/93	LCS93-1475	EMJA61307012200		1.00	0.93	mg/L	93
07/01/93	LCSD93-1475	EMJA61307012200		1.00	0.97	mg/L	97
08/27/93	LCS933746	EMJA61308271100		1.00	0.93	mg/L	93
08/27/93	LCSD933746	EMJA61308271100		1.00	0.96	mg/L	96
09/01/93	LCS933866	EMJA61309010000		1.00	0.97	mg/L	97
09/01/93	LCS933905	EMJA61309010000		1.00	0.93	mg/L	93
09/01/93	LCSD933866	EMJA61309010000		1.00	0.93	mg/L	93
09/01/93	LCSD933905	EMJA61309010000		1.00	0.89	mg/L	89
09/07/93	LCS933866	EMJA61309071000		1.00	0.96	mg/L	96

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Selenium continued							
Type of Spike : Laboratory Control							
09/07/93	LCS933905	EMJA61309071000		1.00	0.94	mg/L	94
09/07/93	LCSD933866	EMJA61309071000		1.00	0.96	mg/L	96
09/07/93	LCSD933905	EMJA61309071000		1.00	0.94	mg/L	94
09/17/93	LCS934378	EMJA61309171000		1.00	1.00	mg/L	100
09/17/93	LCSD934378	EMJA61309171000		1.00	0.99	mg/L	99
09/24/93	LCS934413	EMJA61309240100		1.00	0.90	mg/L	90
09/24/93	LCS934458	EMJA61309240100		1.00	0.91	mg/L	91
09/24/93	LCS934612	EMJA61309240100		1.00	0.93	mg/L	93
09/24/93	LCSD934413	EMJA61309240100		1.00	0.91	mg/L	91
09/24/93	LCSD934458	EMJA61309240100		1.00	0.91	mg/L	91
09/24/93	LCSD934612	EMJA61309240100		1.00	0.96	mg/L	96
09/30/93	LCS934612	EMJA61309301400		1.00	0.94	mg/L	94
09/30/93	LCSD934612	EMJA61309301400		1.00	0.95	mg/L	95
10/05/93	LCS934625	EMJA61310051000		1.00	0.99	mg/L	99
10/05/93	LCSD934625	EMJA61310051000		1.00	1.00	mg/L	100
Number of Samples : 28			Below acceptance : 0				
Mean % Recovery : 95.1			Above acceptance : 0				
Standard Deviation : 3.17			Acceptance Criteria 80-120				
Type of Spike : Matrix Spike							
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.01	1.00	0.99	mg/L	97
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.01	1.00	0.93	mg/L	92
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.02	1.00	0.93	mg/L	91
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.02	1.00	0.91	mg/L	89
07/01/93	05-MW-06-03	EMJA61307012200	0.01	1.00	0.97	mg/L	96
07/01/93	05-MW-06-03	EMJA61307012200	0.01	1.00	0.97	mg/L	96
09/01/93	07-SW-03-01	EMJA61309010000	0.01	1.00	0.96	mg/L	95
09/01/93	07-SW-03-01	EMJA61309010000	0.01	1.00	0.98	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000	0.01	1.00	0.97	mg/L	96
09/07/93	07-SW-03-01	EMJA61309071000	0.01	1.00	0.96	mg/L	95
09/24/93	05-MW-15-01 MS	EMJA61309240100	0.04	1.00	0.89	mg/L	86
09/24/93	05-MW-15-01 MSD	EMJA61309240100	0.04	1.00	0.97	mg/L	93
09/24/93	06-MW-07-01 MS	EMJA61309240100	0.01	1.00	0.90	mg/L	89
09/24/93	06-MW-07-01 MSD	EMJA61309240100	0.01	1.00	0.89	mg/L	88
09/30/93	05-MW-15-01 MS	EMJA61309301400	- 0.00	1.00	0.97	mg/L	97
09/30/93	05-MW-15-01 MSD	EMJA61309301400	- 0.00	1.00	0.92	mg/L	92
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 93.1			Above acceptance : 0				
Standard Deviation : 3.60			Acceptance Criteria 75-125				

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID		ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals								
Spiked Analyte : Silver								
Type of Spike : Laboratory Control								
06/23/93	LCS93-1202	EMJA61306222200			1.00	0.95	mg/L	95
06/23/93	LCS93-1336	EMJA61306222200			1.00	0.97	mg/L	97
06/23/93	LCSD93-1202	EMJA61306222200			1.00	0.96	mg/L	96
06/23/93	LCSD93-1336	EMJA61306222200			1.00	0.97	mg/L	96
07/01/93	LCS93-1475	EMJA61307012200			1.00	0.96	mg/L	96
07/01/93	LCSD93-1475	EMJA61307012200			1.00	0.98	mg/L	97
08/27/93	LCS933746	EMJA61308271100			1.00	0.95	mg/L	94
08/27/93	LCSD933746	EMJA61308271100			1.00	0.94	mg/L	94
09/01/93	LCS933866	EMJA61309010000			1.00	0.94	mg/L	94
09/01/93	LCS933905	EMJA61309010000			1.00	0.91	mg/L	91
09/01/93	LCSD933866	EMJA61309010000			1.00	0.95	mg/L	95
09/01/93	LCSD933905	EMJA61309010000			1.00	0.92	mg/L	92
09/07/93	LCS933866	EMJA61309071000			1.00	0.93	mg/L	93
09/07/93	LCSD933866	EMJA61309071000			1.00	0.93	mg/L	93
09/17/93	LCS934378	EMJA61309171000			1.00	0.93	mg/L	93
09/17/93	LCSD934378	EMJA61309171000			1.00	0.93	mg/L	93
09/24/93	LCS934413	EMJA61309240100			1.00	0.90	mg/L	90
09/24/93	LCS934458	EMJA61309240100			1.00	0.94	mg/L	94
09/24/93	LCS934612	EMJA61309240100			1.00	0.95	mg/L	95
09/24/93	LCSD934413	EMJA61309240100			1.00	0.91	mg/L	91
09/24/93	LCSD934458	EMJA61309240100			1.00	0.94	mg/L	94
09/24/93	LCSD934612	EMJA61309240100			1.00	0.96	mg/L	96
09/30/93	LCS934612	EMJA61309301400			1.00	0.96	mg/L	96
09/30/93	LCSD934612	EMJA61309301400			1.00	0.96	mg/L	96
10/05/93	LCS934625	EMJA61310051000			1.00	0.95	mg/L	95
10/05/93	LCSD934625	EMJA61310051000			1.00	0.95	mg/L	95

Number of Samples	: 26	Below acceptance :	0
Mean % Recovery	: 94.3	Above acceptance :	0
Standard Deviation	: 1.87	Acceptance Criteria	80-120

Type of Spike : Matrix Spike

06/23/93	07-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.95	mg/L	95
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.94	mg/L	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.95	mg/L	95
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.94	mg/L	94
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.97	mg/L	97
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.97	mg/L	98
09/01/93	07-SW-03-01	EMJA61309010000	-	0.00	1.00	0.95	mg/L	96
09/01/93	07-SW-03-01	EMJA61309010000	-	0.00	1.00	0.95	mg/L	96
09/07/93	07-SW-03-01	EMJA61309071000		0.00	1.00	0.93	mg/L	93
09/07/93	07-SW-03-01	EMJA61309071000		0.00	1.00	0.93	mg/L	93
09/24/93	05-MW-15-01 MS	EMJA61309240100		0.00	1.00	0.94	mg/L	94
09/24/93	05-MW-15-01 MSD	EMJA61309240100		0.00	1.00	0.94	mg/L	94

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID		ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals								
Spiked Analyte : Silver continued								
Type of Spike : Matrix Spike								
09/24/93	06-MW-07-01 MS	EMJA61309240100	-	0.00	1.00	0.93	mg/L	93
09/24/93	06-MW-07-01 MSD	EMJA61309240100	-	0.00	1.00	0.93	mg/L	93
09/30/93	05-MW-15-01 MS	EMJA61309301400	-	0.00	1.00	0.95	mg/L	95
09/30/93	05-MW-15-01 MSD	EMJA61309301400	-	0.00	1.00	0.94	mg/L	94
Number of Samples : 16				Below acceptance : 0				
Mean % Recovery : 94.6				Above acceptance : 0				
Standard Deviation : 1.50				Acceptance Criteria 75-125				
Method : SW6010 - Metals								
Spiked Analyte : Sodium								
Type of Spike : Laboratory Control								
06/23/93	LCS93-1202	EMJA61306222200			10.00	9.81	mg/L	98
06/23/93	LCS93-1336	EMJA61306222200			10.00	9.92	mg/L	99
06/23/93	LCSD93-1202	EMJA61306222200			10.00	10.10	mg/L	101
06/23/93	LCSD93-1336	EMJA61306222200			10.00	9.90	mg/L	99
07/01/93	LCS93-1475	EMJA61307012200			10.00	9.98	mg/L	100
07/01/93	LCSD93-1475	EMJA61307012200			10.00	10.10	mg/L	101
08/27/93	LCS933746	EMJA61308271100			10.00	9.00	mg/L	90
08/27/93	LCSD933746	EMJA61308271100			10.00	9.05	mg/L	90
09/01/93	LCS933866	EMJA61309010000			10.00	9.89	mg/L	99
09/01/93	LCS933905	EMJA61309010000			50.00	47.70	mg/L	95
09/01/93	LCSD933866	EMJA61309010000			10.00	9.96	mg/L	100
09/01/93	LCSD933905	EMJA61309010000			50.00	48.00	mg/L	96
09/07/93	LCS933866	EMJA61309071000			10.00	9.72	mg/L	97
09/07/93	LCS933905	EMJA61309071000			50.00	46.90	mg/L	94
09/07/93	LCSD933866	EMJA61309071000			10.00	9.73	mg/L	97
09/07/93	LCSD933905	EMJA61309071000			50.00	47.10	mg/L	94
09/17/93	LCS934378	EMJA61309171000			10.00	9.50	mg/L	95
09/17/93	LCSD934378	EMJA61309171000			10.00	9.48	mg/L	95
09/24/93	LCS934413	EMJA61309240100			50.00	46.70	mg/L	93
09/24/93	LCS934458	EMJA61309240100			10.00	9.71	mg/L	97
09/24/93	LCS934612	EMJA61309240100			10.00	9.65	mg/L	96
09/24/93	LCSD934413	EMJA61309240100			50.00	47.20	mg/L	94
09/24/93	LCSD934458	EMJA61309240100			10.00	9.51	mg/L	95
09/24/93	LCSD934612	EMJA61309240100			10.00	9.74	mg/L	97
09/30/93	LCS934612	EMJA61309301400			10.00	9.64	mg/L	96
09/30/93	LCSD934612	EMJA61309301400			10.00	9.70	mg/L	97
10/05/93	LCS934625	EMJA61310051000			10.00	9.97	mg/L	100
10/05/93	LCSD934625	EMJA61310051000			10.00	9.97	mg/L	100
Number of Samples : 28				Below acceptance : 0				
Mean % Recovery : 96.6				Above acceptance : 0				
Standard Deviation : 2.96				Acceptance Criteria 80-120				

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NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Sodium continued							
Type of Spike : Laboratory Control							
Type of Spike : Matrix Spike							
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	60.90	10.00	71.10	mg/L	102
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	60.90	10.00	71.60	mg/L	107
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	4.53	10.00	14.50	mg/L	100
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	4.53	10.00	14.30	mg/L	98
07/01/93	05-MW-06-03	EMJA61307012200	5.33	10.00	15.60	mg/L	102
07/01/93	05-MW-06-03	EMJA61307012200	5.33	10.00	15.30	mg/L	100
09/01/93	07-SW-03-01	EMJA61309010000	222.00	10.00	241.00	mg/L	189
09/01/93	07-SW-03-01	EMJA61309010000	222.00	10.00	239.00	mg/L	173
09/07/93	07-SW-03-01	EMJA61309071000	215.00	10.00	233.00	mg/L	178
09/07/93	07-SW-03-01	EMJA61309071000	215.00	10.00	234.00	mg/L	187
09/24/93	05-MW-15-01 MS	EMJA61309240100	8.40	10.00	17.90	mg/L	95
09/24/93	05-MW-15-01 MSD	EMJA61309240100	8.40	10.00	18.00	mg/L	96
09/24/93	06-MW-07-01 MS	EMJA61309240100	14.00	10.00	23.80	mg/L	98
09/24/93	06-MW-07-01 MSD	EMJA61309240100	14.00	10.00	23.70	mg/L	97
09/30/93	05-MW-15-01 MS	EMJA61309301400	8.40	10.00	18.00	mg/L	96
09/30/93	05-MW-15-01 MSD	EMJA61309301400	8.40	10.00	17.90	mg/L	95

Number of Samples : 16 — Below acceptance : 0
Mean % Recovery : 119.6 — Above acceptance : 4
Standard Deviation : 37.36 — Acceptance Criteria 75-125

Method : SW6010 - Metals
Spiked Analyte : Thallium

Type of Spike : Laboratory Control

06/23/93	LCS93-1202	EMJA61306222200	1.00	0.98	mg/L	98
06/23/93	LCS93-1336	EMJA61306222200	1.00	0.93	mg/L	93
06/23/93	LCSD93-1202	EMJA61306222200	1.00	0.95	mg/L	95
06/23/93	LCSD93-1336	EMJA61306222200	1.00	0.94	mg/L	94
07/01/93	LCS93-1475	EMJA61307012200	1.00	0.97	mg/L	97
07/01/93	LCSD93-1475	EMJA61307012200	1.00	0.98	mg/L	98
08/27/93	LCS933746	EMJA61308271100	1.00	0.91	mg/L	91
08/27/93	LCSD933746	EMJA61308271100	1.00	0.92	mg/L	92
09/01/93	LCS933866	EMJA61309010000	1.00	0.95	mg/L	95
09/01/93	LCS933905	EMJA61309010000	1.00	0.90	mg/L	90
09/01/93	LCSD933866	EMJA61309010000	1.00	0.96	mg/L	96
09/01/93	LCSD933905	EMJA61309010000	1.00	0.90	mg/L	90
09/07/93	LCS933866	EMJA61309071000	1.00	0.98	mg/L	98
09/07/93	LCS933905	EMJA61309071000	1.00	0.91	mg/L	91
09/07/93	LCSD933866	EMJA61309071000	1.00	0.95	mg/L	95

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Thallium continued							
Type of Spike : Laboratory Control							
09/07/93	LCSD933905	EMJA61309071000		1.00	0.89	mg/L	89
09/17/93	LCS934378	EMJA61309171000		1.00	0.95	mg/L	95
09/17/93	LCSD934378	EMJA61309171000		1.00	0.97	mg/L	97
09/24/93	LCS934413	EMJA61309240100		1.00	0.89	mg/L	89
09/24/93	LCS934458	EMJA61309240100		1.00	0.92	mg/L	92
09/24/93	LCS934612	EMJA61309240100		1.00	0.93	mg/L	93
09/24/93	LCSD934413	EMJA61309240100		1.00	0.88	mg/L	88
09/24/93	LCSD934458	EMJA61309240100		1.00	0.91	mg/L	91
09/24/93	LCSD934612	EMJA61309240100		1.00	0.93	mg/L	93
09/30/93	LCS934612	EMJA61309301400		1.00	0.94	mg/L	94
09/30/93	LCSD934612	EMJA61309301400		1.00	0.97	mg/L	97
10/05/93	LCS934625	EMJA61310051000		1.00	0.97	mg/L	96
10/05/93	LCSD934625	EMJA61310051000		1.00	0.96	mg/L	96

Number of Samples	: 28	Below acceptance :	0
Mean % Recovery	: 93.7	Above acceptance :	0
Standard Deviation	: 3.01	Acceptance Criteria	80-120

Type of Spike : Matrix Spike

06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.02	1.00	0.99	mg/L	97
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.02	1.00	0.95	mg/L	92
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	- 0.01	1.00	0.90	mg/L	92
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	- 0.01	1.00	0.89	mg/L	91
07/01/93	05-MW-06-03	EMJA61307012200	0.02	1.00	0.99	mg/L	97
07/01/93	05-MW-06-03	EMJA61307012200	0.02	1.00	0.96	mg/L	94
09/01/93	07-SW-03-01	EMJA61309010000	0.00	1.00	0.97	mg/L	96
09/01/93	07-SW-03-01	EMJA61309010000	0.00	1.00	0.91	mg/L	91
09/07/93	07-SW-03-01	EMJA61309071000	- 0.01	1.00	0.97	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000	- 0.01	1.00	0.97	mg/L	98
09/24/93	05-MW-15-01 MS	EMJA61309240100	0.02	1.00	0.92	mg/L	90
09/24/93	05-MW-15-01 MSD	EMJA61309240100	0.02	1.00	0.89	mg/L	87
09/24/93	06-MW-07-01 MS	EMJA61309240100	- 0.01	1.00	0.85	mg/L	87
09/24/93	06-MW-07-01 MSD	EMJA61309240100	- 0.01	1.00	0.87	mg/L	88
09/30/93	05-MW-15-01 MS	EMJA61309301400	- 0.01	1.00	0.92	mg/L	93
09/30/93	05-MW-15-01 MSD	EMJA61309301400	- 0.01	1.00	0.93	mg/L	93

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 92.7	Above acceptance :	0
Standard Deviation	: 3.63	Acceptance Criteria	75-125

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID		ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals								
Spiked Analyte : Vanadium								
Type of Spike : Laboratory Control								
06/23/93	LCS93-1202	EMJA61306222200			1.00	0.96	mg/L	96
06/23/93	LCS93-1336	EMJA61306222200			1.00	0.96	mg/L	96
06/23/93	LCSD93-1202	EMJA61306222200			1.00	0.97	mg/L	97
06/23/93	LCSD93-1336	EMJA61306222200			1.00	0.96	mg/L	96
07/01/93	LCS93-1475	EMJA61307012200			1.00	0.98	mg/L	98
07/01/93	LCSD93-1475	EMJA61307012200			1.00	0.99	mg/L	99
08/27/93	LCS933746	EMJA61308271100			1.00	0.97	mg/L	97
08/27/93	LCSD933746	EMJA61308271100			1.00	0.97	mg/L	96
09/01/93	LCS933866	EMJA61309010000			1.00	0.97	mg/L	97
09/01/93	LCS933905	EMJA61309010000			1.00	0.94	mg/L	94
09/01/93	LCSD933866	EMJA61309010000			1.00	0.98	mg/L	98
09/01/93	LCSD933905	EMJA61309010000			1.00	0.95	mg/L	95
09/07/93	LCS933866	EMJA61309071000			1.00	0.96	mg/L	96
09/07/93	LCS933905	EMJA61309071000			1.00	0.92	mg/L	92
09/07/93	LCSD933866	EMJA61309071000			1.00	0.96	mg/L	96
09/07/93	LCSD933905	EMJA61309071000			1.00	0.93	mg/L	93
09/17/93	LCS934378	EMJA61309171000			1.00	0.97	mg/L	96
09/17/93	LCSD934378	EMJA61309171000			1.00	0.96	mg/L	96
09/24/93	LCS934413	EMJA61309240100			1.00	0.91	mg/L	91
09/24/93	LCS934458	EMJA61309240100			1.00	0.94	mg/L	94
09/24/93	LCS934612	EMJA61309240100			1.00	0.96	mg/L	96
09/24/93	LCSD934413	EMJA61309240100			1.00	0.92	mg/L	92
09/24/93	LCSD934458	EMJA61309240100			1.00	0.93	mg/L	93
09/24/93	LCSD934612	EMJA61309240100			1.00	0.96	mg/L	96
09/30/93	LCS934612	EMJA61309301400			1.00	0.99	mg/L	99
09/30/93	LCSD934612	EMJA61309301400			1.00	0.99	mg/L	99
10/05/93	LCS934625	EMJA61310051000			1.00	0.97	mg/L	97
10/05/93	LCSD934625	EMJA61310051000			1.00	0.99	mg/L	99
Number of Samples : 28				Below acceptance : 0				
Mean % Recovery : 95.9				Above acceptance : 0				
Standard Deviation : 2.21				Acceptance Criteria 80-120				
Type of Spike : Matrix Spike								
06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.00	1.00	0.95	mg/L	95
06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.00	1.00	0.96	mg/L	96
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.94	mg/L	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.93	mg/L	93
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.98	mg/L	98
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.99	mg/L	99
09/01/93	07-SW-03-01	EMJA61309010000	-	0.00	1.00	0.99	mg/L	99
09/01/93	07-SW-03-01	EMJA61309010000	-	0.00	1.00	0.99	mg/L	99
09/07/93	07-SW-03-01	EMJA61309071000		0.01	1.00	0.97	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000		0.01	1.00	0.97	mg/L	96

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Vanadium continued							
Type of Spike : Matrix Spike							
09/24/93	05-MW-15-01 MS	EMJA61309240100	0.00	1.00	0.94	mg/L	93
09/24/93	05-MW-15-01 MSD	EMJA61309240100	0.00	1.00	0.94	mg/L	94
09/24/93	06-MW-07-01 MS	EMJA61309240100	0.00	1.00	0.91	mg/L	91
09/24/93	06-MW-07-01 MSD	EMJA61309240100	0.00	1.00	0.92	mg/L	92
09/30/93	05-MW-15-01 MS	EMJA61309301400	- 0.00	1.00	0.97	mg/L	97
09/30/93	05-MW-15-01 MSD	EMJA61309301400	- 0.00	1.00	0.97	mg/L	97
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 95.6			Above acceptance : 0				
Standard Deviation : 2.58			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Zinc							
Type of Spike : Laboratory Control							
06/23/93	LCS93-1202	EMJA61306222200		1.00	0.95	mg/L	95
06/23/93	LCS93-1336	EMJA61306222200		1.00	0.96	mg/L	96
06/23/93	LCSD93-1202	EMJA61306222200		1.00	0.96	mg/L	96
06/23/93	LCSD93-1336	EMJA61306222200		1.00	0.96	mg/L	96
07/01/93	LCS93-1475	EMJA61307012200		1.00	0.97	mg/L	97
07/01/93	LCSD93-1475	EMJA61307012200		1.00	0.98	mg/L	98
08/27/93	LCS933746	EMJA61308271100		1.00	0.95	mg/L	95
08/27/93	LCSD933746	EMJA61308271100		1.00	0.95	mg/L	95
09/01/93	LCS933866	EMJA61309010000		1.00	0.95	mg/L	95
09/01/93	LCS933905	EMJA61309010000		1.00	0.89	mg/L	89
09/01/93	LCSD933866	EMJA61309010000		1.00	0.96	mg/L	96
09/01/93	LCSD933905	EMJA61309010000		1.00	0.90	mg/L	90
09/07/93	LCS933866	EMJA61309071000		1.00	0.96	mg/L	96
09/07/93	LCS933905	EMJA61309071000		1.00	0.90	mg/L	90
09/07/93	LCSD933866	EMJA61309071000		1.00	0.96	mg/L	96
09/07/93	LCSD933905	EMJA61309071000		1.00	0.91	mg/L	91
09/17/93	LCS934378	EMJA61309171000		1.00	0.95	mg/L	95
09/17/93	LCSD934378	EMJA61309171000		1.00	0.94	mg/L	94
09/24/93	LCS934413	EMJA61309240100		1.00	0.86	mg/L	86
09/24/93	LCS934458	EMJA61309240100		1.00	0.92	mg/L	92
09/24/93	LCS934612	EMJA61309240100		1.00	0.93	mg/L	93
09/24/93	LCSD934413	EMJA61309240100		1.00	0.87	mg/L	87
09/24/93	LCSD934458	EMJA61309240100		1.00	0.91	mg/L	91
09/24/93	LCSD934612	EMJA61309240100		1.00	0.96	mg/L	96
09/30/93	LCS934612	EMJA61309301400		1.00	0.97	mg/L	97
09/30/93	LCSD934612	EMJA61309301400		1.00	0.98	mg/L	98
10/05/93	LCS934625	EMJA61310051000		1.00	0.97	mg/L	97
10/05/93	LCSD934625	EMJA61310051000		1.00	0.97	mg/L	97
Number of Samples : 28			Below acceptance : 0				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Zinc continued							
Type of Spike : Laboratory Control							
Mean % Recovery : 94.1			Above acceptance : 0				
Standard Deviation : 3.30			Acceptance Criteria 80-120				
Type of Spike : Matrix Spike							
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.01	1.00	0.94	mg/L	93
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.01	1.00	0.94	mg/L	93
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.00	1.00	0.93	mg/L	93
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.00	1.00	0.93	mg/L	92
07/01/93	05-MW-06-03	EMJA61307012200	0.02	1.00	0.98	mg/L	96
07/01/93	05-MW-06-03	EMJA61307012200	0.02	1.00	0.98	mg/L	96
09/01/93	07-SW-03-01	EMJA61309010000	0.01	1.00	0.96	mg/L	95
09/01/93	07-SW-03-01	EMJA61309010000	0.01	1.00	0.96	mg/L	95
09/07/93	07-SW-03-01	EMJA61309071000	0.01	1.00	0.97	mg/L	95
09/07/93	07-SW-03-01	EMJA61309071000	0.01	1.00	0.97	mg/L	96
09/24/93	05-MW-15-01 MS	EMJA61309240100	0.01	1.00	0.91	mg/L	91
09/24/93	05-MW-15-01 MSD	EMJA61309240100	0.01	1.00	0.91	mg/L	91
09/24/93	06-MW-07-01 MS	EMJA61309240100	0.01	1.00	0.89	mg/L	88
09/24/93	06-MW-07-01 MSD	EMJA61309240100	0.01	1.00	0.89	mg/L	89
09/30/93	05-MW-15-01 MS	EMJA61309301400	0.01	1.00	0.94	mg/L	94
09/30/93	05-MW-15-01 MSD	EMJA61309301400	0.01	1.00	0.94	mg/L	93
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 93.1			Above acceptance : 0				
Standard Deviation : 2.45			Acceptance Criteria 75-125				
Method : SW7060 - Arsenic							
Spiked Analyte : Arsenic							
Type of Spike : Laboratory Control							
06/30/93	LCS931407	AAZ3__306300800		0.1000	0.0488	mg/L	98
06/30/93	LCS931407	AAZ3__306300800		0.1000	0.0491	mg/L	98
07/02/93	LCS931476	AAZ3__307020800		0.1000	0.0475	mg/L	95
07/02/93	LCS931513	AAZ3__307020800		0.1000	0.0483	mg/L	97
07/02/93	LCSD91476	AAZ3__307020800		0.1000	0.0475	mg/L	95
07/02/93	LCSD931513	AAZ3__307020800		0.1000	0.0472	mg/L	94
08/16/93	LCS933453	AAZ3__308161900		0.1000	0.0530	mg/L	106
08/16/93	LCS933453	AAZ3__308161900		0.1000	0.0531	mg/L	106
08/30/93	LCS933865	AAZ3__308301727		0.0500	0.0518	mg/L	104
08/30/93	LCSD933865	AAZ3__308301727		0.0500	0.0499	mg/L	100
09/17/93	LCS934377	AAZ3__309171648		0.0500	0.0512	mg/L	102
09/17/93	LCSD934377	AAZ3__309171648		0.0500	0.0507	mg/L	101
09/21/93	LCS934459	AAZ3__309210922		0.0500	0.0495	mg/L	99

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID		ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW7060 - Arsenic								
Spiked Analyte : Arsenic continued								
Type of Spike : Laboratory Control								
09/21/93	LCSD932659	AAZ3__309210922			0.0500	0.0494	mg/L	99
09/29/93	LCS934611	AAZ3__309290855			0.0500	0.0525	mg/L	105
09/29/93	LCSD934611	AAZ3__309290855			0.0500	0.0506	mg/L	101
10/04/93	LCS934624	AAZ4__310041600			0.0500	0.0443	mg/L	89
10/04/93	LCS934625	AAZ4__310041600			0.0500	0.0435	mg/L	87
Number of Samples : 18				Below acceptance : 0				
Mean % Recovery : 98.7				Above acceptance : 0				
Standard Deviation : 5.32				Acceptance Criteria 75-125				
Type of Spike : Matrix Spike								
06/30/93	07-MW-02-DS-03 M	AAZ3__306300800		0.0084	0.1000	0.0601	mg/L	103
06/30/93	07-MW-02-DS-03 M	AAZ3__306300800		0.0084	0.1000	0.0610	mg/L	105
06/30/93	12-MW-02-DS-03 M	AAZ3__306300800	-	0.0011	0.1000	0.0526	mg/L	110
06/30/93	12-MW-02-DS-03 M	AAZ3__306300800	-	0.0011	0.1000	0.0535	mg/L	111
07/02/93	05-MW-05-03 MS	AAZ3__307020800		0.0335	0.1000	0.0912	mg/L	115
07/02/93	05-MW-05-03 MSD	AAZ3__307020800		0.0335	0.1000	0.0900	mg/L	113
07/02/93	09-MW-06-03 MS	AAZ3__307020800	-	0.0018	0.1000	0.0523	mg/L	108
07/02/93	09-MW-06-03 MSD	AAZ3__307020800	-	0.0018	0.1000	0.0514	mg/L	106
08/30/93	07-SW-03-01 MS	AAZ3__308301727		0.0024	0.0500	0.0630	mg/L	121
08/30/93	07-SW-03-01 MSD	AAZ3__308301727		0.0024	0.0500	0.0636	mg/L	122
09/22/93	06-MW-07-01 MS	AAZ3__309210922		0.0132	0.0500	0.0523	mg/L	78
09/22/93	06-MW-07-01 MSD	AAZ3__309210922		0.0132	0.0500	0.0525	mg/L	79
09/29/93	05-MW-15-01 MS	AAZ3__309290855	-	0.0029	0.0500	0.0541	mg/L	114
09/29/93	05-MW-15-01 MSD	AAZ3__309290855	-	0.0029	0.0500	0.0542	mg/L	114
Number of Samples : 14				Below acceptance : 0				
Mean % Recovery : 107.1				Above acceptance : 0				
Standard Deviation : 13.27				Acceptance Criteria 75-125				
Method : SW7421 - Lead								
Spiked Analyte : Lead								
Type of Spike : Laboratory Control								
08/16/93	LCS933453	AAZ1__308161600			0.1000	0.0516	mg/L	103
08/16/93	LCS933453	AAZ1__308161600			0.1000	0.0519	mg/L	104
09/16/93	LCS934377	AAZ1__309161600			0.0500	0.0500	mg/L	100
09/16/93	LCS934377	AAZ1__309161600			0.0500	0.0490	mg/L	98
09/21/93	LCS934459	AAZ1__309211500			0.0500	0.0490	mg/L	98
09/21/93	LCSD934459	AAZ1__309211500			0.0500	0.0500	mg/L	100
09/28/93	LCS934611	AAZ1__309281100			0.0500	0.0490	mg/L	98
09/28/93	LCSD934611	AAZ1__309281100			0.0500	0.0470	mg/L	94

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW7421 - Lead							
Spiked Analyte : Lead continued							
Type of Spike : Laboratory Control							
10/04/93	LCS934919	AAZ1__310040900		0.0500	0.0488	mg/L	98
10/04/93	LCSD934919	AAZ1__310040900		0.0500	0.0490	mg/L	98
06/25/93	LCS931407	AAZ2__306251600		0.1000	0.0520	mg/L	104
06/25/93	LCSD91407	AAZ2__306251600		0.1000	0.0482	mg/L	96
07/06/93	LCS931513	AAZ2__307060800		0.1000	0.0519	mg/L	104
07/06/93	LCSD931513	AAZ2__307060800		0.1000	0.0506	mg/L	101
07/19/93	LCS932272	AAZ2__307191600		0.1000	0.0517	mg/L	103
07/19/93	LCS932272	AAZ2__307191600		0.1000	0.0512	mg/L	102
09/20/93	LCS934377	AAZ2__309201600		0.0500	0.0500	mg/L	100
09/20/93	LCS934377	AAZ2__309201600		0.0500	0.0510	mg/L	102
08/30/93	LCS933865	AAZ3__308301408		0.0500	0.0482	mg/L	96
08/30/93	LCSD933865	AAZ3__308301408		0.0500	0.0478	mg/L	96

Number of Samples	: 20	Below acceptance :	0
Mean % Recovery	: 99.8	Above acceptance :	0
Standard Deviation	: 3.06	Acceptance Criteria	75-125

Type of Spike : Matrix Spike

09/21/93	06-MW-07-01 MS	AAZ1__309211500	0.0030	0.0500	0.0470	mg/L	88
09/21/93	06-MW-07-01 MSD	AAZ1__309211500	0.0030	0.0500	0.0480	mg/L	90
09/28/93	05-MW-15-01 MS	AAZ1__309281100	0.0070	0.0500	0.0450	mg/L	76
09/28/93	05-MW-15-01 MSD	AAZ1__309281100	0.0070	0.0500	0.0760	mg/L	138
06/25/93	07-MW-02-DS-03 M	AAZ2__306251600	0.0107	0.1000	0.0519	mg/L	82
06/25/93	07-MW-02-DS-03 M	AAZ2__306251600	0.0107	0.1000	0.0523	mg/L	83
06/25/93	12-MW-02-DS-03 M	AAZ2__306251600	0.0085	0.1000	0.0538	mg/L	91
06/25/93	12-MW-02-DS-03 M	AAZ2__306251600	0.0085	0.1000	0.0627	mg/L	108
07/06/93	09-MW-06-03 MS	AAZ2__307060800	0.0033	0.1000	0.0514	mg/L	96
07/06/93	09-MW-06-03 MSD	AAZ2__307060800	0.0033	0.1000	0.0559	mg/L	105
07/19/93	05-MW-05-03 MS	AAZ2__307191600	0.0135	0.1000	0.0564	mg/L	86
07/19/93	05-MW-05-03 MSD	AAZ2__307191600	0.0135	0.1000	0.0566	mg/L	86
08/30/93	07-SW-03-01 MS	AAZ3__308301408	0.0016	0.0500	0.0446	mg/L	86
08/30/93	07-SW-03-01 MSD	AAZ3__308301408	0.0016	0.0500	0.0462	mg/L	89

Number of Samples	: 14	Below acceptance :	0
Mean % Recovery	: 93.1	Above acceptance :	1
Standard Deviation	: 15.48	Acceptance Criteria	75-125

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID		ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW7470 - Mercury								
Spiked Analyte : Mercury								
Type of Spike : Laboratory Control								
06/24/93	LCS931488	AAZ3__306242300			0.0000	0.0105	mg/L	105
06/24/93	LCS931488	AAZ3__306242300			0.0000	0.0111	mg/L	111
06/17/93	LCS931248	AAZ4__306172100			0.0000	0.0104	mg/L	104
06/17/93	LCS931248	AAZ4__306172100			0.0000	0.0106	mg/L	106
06/22/93	LCS931342	AAZ4__306220000			0.0000	0.0103	mg/L	103
06/22/93	LCS931342	AAZ4__306220000			0.0000	0.0105	mg/L	105
06/24/93	LCS931488	AAZ4__306242300			0.0000	0.0105	mg/L	105
06/24/93	LCS931488	AAZ4__306242300			0.0000	0.0111	mg/L	111
06/30/93	LCS931658	AAZ4__306302300			0.0000	0.0105	mg/L	105
06/30/93	LCS931658	AAZ4__306302300			0.0000	0.0109	mg/L	109
08/17/93	LCS933547	AAZ4__308162200			0.0000	0.0109	mg/L	109
08/17/93	LCS933547	AAZ4__308162200			0.0000	0.0109	mg/L	109
08/24/93	LCS933808	AAZ4__308242100			0.0000	0.0103	mg/L	103
08/24/93	LCS933808	AAZ4__308242100			0.0000	0.0102	mg/L	102
09/01/93	LCS934030	AAZ4__309012045			0.0100	0.0103	mg/L	103
09/01/93	LCS934030	AAZ4__309012045			0.0100	0.0102	mg/L	102
09/14/93	LCS934373	AAZ4__309142145			0.0100	0.0102	mg/L	102
09/14/93	LCS934373	AAZ4__309142145			0.0100	0.0104	mg/L	104
09/23/93	LCS934735	AAZ4__309232100			0.0100	0.0105	mg/L	105
09/23/93	LCS934735	AAZ4__309232100			0.0100	0.0102	mg/L	102
Number of Samples : 20				Below acceptance : 0				
Mean % Recovery : 105.3				Above acceptance : 0				
Standard Deviation : 2.99				Acceptance Criteria 80-120				
Type of Spike : Matrix Spike								
06/24/93	09-MW-01-03 MS	AAZ3__306242300		0.0002	0.0000	0.0021	mg/L	93
06/24/93	09-MW-01-03 MSD	AAZ3__306242300		0.0002	0.0000	0.0021	mg/L	96
06/18/93	12-MW-02-DS-03 M	AAZ4__306172100		0.0000	0.0000	0.0020	mg/L	96
06/18/93	12-MW-02-DS-03 M	AAZ4__306172100		0.0000	0.0000	0.0020	mg/L	96
06/22/93	07-MW-02-DS-03 M	AAZ4__306220000	-	0.0001	0.0000	0.0018	mg/L	92
06/22/93	07-MW-02-DS-03 M	AAZ4__306220000	-	0.0001	0.0000	0.0018	mg/L	93
06/24/93	09-MW-01-03 MS	AAZ4__306242300		0.0002	0.0000	0.0021	mg/L	93
06/24/93	09-MW-01-03 MSD	AAZ4__306242300		0.0002	0.0000	0.0021	mg/L	96
09/01/93	07-SW-03-01 MS	AAZ4__309012045	-	0.0001	0.0020	0.0018	mg/L	94
09/01/93	07-SW-03-01 MSD	AAZ4__309012045	-	0.0001	0.0020	0.0019	mg/L	100
09/23/93	06-MW-07-01 MS	AAZ4__309232100		0.0001	0.0020	0.0019	mg/L	92
09/23/93	06-MW-07-01 MSD	AAZ4__309232100		0.0001	0.0020	0.0020	mg/L	100
Number of Samples : 12				Below acceptance : 0				
Mean % Recovery : 95.1				Above acceptance : 0				
Standard Deviation : 2.78				Acceptance Criteria 75-125				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW7740 - Selenium							
Spiked Analyte : Selenium							
Type of Spike : Laboratory Control							
08/30/93	LCS933865	AAZ3__308302042		0.0500	0.0487	mg/L	97
08/30/93	LCSD933865	AAZ3__308302042		0.0500	0.0484	mg/L	97
09/17/93	LCS934377	AAZ3__309172036		0.0500	0.0485	mg/L	97
09/17/93	LCSD934377	AAZ3__309172036		0.0500	0.0489	mg/L	98
10/07/93	LCS934459	AAZ3__310071045		0.0500	0.0504	mg/L	101
10/07/93	LCS934611	AAZ3__310071045		0.0500	0.0500	mg/L	100
10/07/93	LCSD934459	AAZ3__310071045		0.0500	0.0493	mg/L	99
10/07/93	LCSD934611	AAZ3__310071045		0.0500	0.0510	mg/L	102
10/07/93	LCS934624	AAZ3__310071600		0.0500	0.0464	mg/L	93
10/07/93	LCS934624	AAZ3__310071600		0.0500	0.0468	mg/L	94
07/08/93	LCS931407	AAZ4__307080820		0.1000	0.0479	mg/L	96
07/08/93	LCSD931407	AAZ4__307080820		0.1000	0.0485	mg/L	97
07/08/93	LCS931407	AAZ4__307081152		0.1000	0.0476	mg/L	95
07/08/93	LCSD931407	AAZ4__307081152		0.1000	0.0489	mg/L	98
07/09/93	LCS931407	AAZ4__307090859		0.1000	0.0478	mg/L	96
07/09/93	LCSD931407	AAZ4__307090859		0.1000	0.0496	mg/L	99
07/13/93	LCS9314376	AAZ4__307130852		0.1000	0.0411	mg/L	82
07/13/93	LCS931476	AAZ4__307130852		0.1000	0.0389	mg/L	78
07/13/93	LCSD931476	AAZ4__307130852		0.1000	0.0408	mg/L	82
07/13/93	LCSD931476	AAZ4__307130852		0.1000	0.0424	mg/L	85
07/14/93	LCS931513	AAZ4__307141031		0.1000	0.0456	mg/L	91
07/14/93	LCSD931513	AAZ4__307141031		0.1000	0.0431	mg/L	86
08/23/93	LCS933453	AAZ4__308231116		0.1000	0.0453	mg/L	91
08/23/93	LCSD933453	AAZ4__308231116		0.1000	0.0466	mg/L	93
Number of Samples : 24				Below acceptance : 0			
Mean % Recovery : 93.6				Above acceptance : 0			
Standard Deviation : 6.53				Acceptance Criteria 75-125			
Type of Spike : Matrix Spike							
08/30/93	07-SW-03-01 MS	AAZ3__308302042	- 0.0030	0.0500	0.0464	mg/L	99
08/30/93	07-SW-03-01 MSD	AAZ3__308302042	- 0.0030	0.0500	0.0472	mg/L	100
10/07/93	05-MW-15-01 MS	AAZ3__310071045	- 0.0046	0.0500	0.0388	mg/L	87
10/07/93	05-MW-15-01 MSD	AAZ3__310071045	- 0.0046	0.0500	0.0386	mg/L	86
10/07/93	06-MW-07-01 MS	AAZ3__310071045	- 0.0048	0.0500	0.0415	mg/L	93
10/07/93	06-MW-07-01 MSD	AAZ3__310071045	- 0.0048	0.0500	0.0402	mg/L	90
07/13/93	05-MW-05-03 MS	AAZ4__307130852	- 0.0027	0.1000	0.0370	mg/L	79
07/13/93	05-MW-05-03 MSD	AAZ4__307130852	- 0.0027	0.1000	0.0352	mg/L	76
07/14/93	09-MW-06-03 MS	AAZ4__307141031	- 0.0046	0.1000	0.0442	mg/L	98
07/14/93	09-MW-06-03 MS	AAZ4__307141031	- 0.0025	0.1000	0.0416	mg/L	88
07/14/93	09-MW-06-03 MSD	AAZ4__307141031	- 0.0025	0.1000	0.0410	mg/L	87
07/14/93	09-MW-06-03 MSD	AAZ4__307141031	- 0.0046	0.1000	0.0426	mg/L	94
Number of Samples : 12				Below acceptance : 0			
Mean % Recovery : 89.8				Above acceptance : 0			

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NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW7740 - Selenium							
Spiked Analyte : Selenium continued							
Type of Spike : Matrix Spike							
Standard Deviation : 7.53				Acceptance Criteria 75-125			
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,1,1,2-Tetrachloroethane							
Type of Spike : Laboratory Control							
09/15/93	LCS934245	GCJAY1309150130		10.00	9.12	ug/L	91
09/16/93	LCS934251	GCJAY1309150130		10.00	8.63	ug/L	86
09/20/93	LCS934496	GCJAY1309201444		10.00	9.07	ug/L	91
09/21/93	LCS934507	GCJAY1309201444		10.00	9.38	ug/L	94
06/20/93	LCSEXT931297	GCPEA1306201359		10.00	9.13	ug/L	91
06/21/93	LCSEXT931310	GCPEA1306201359		10.00	9.21	ug/L	92
08/10/93	LCS933130	GCPEA1308101540		10.00	9.39	ug/L	94
08/11/93	LCS933142	GCPEA1308101540		10.00	9.81	ug/L	98
08/11/93	LCS933147	GCPEA1308101540		10.00	10.50	ug/L	105
08/16/93	LCS933415	GCPEA1308161047		10.00	9.59	ug/L	96
08/17/93	LCS933421	GCPEA1308161047		10.00	8.73	ug/L	87
10/04/93	LCS934883	GCPEA1310041056		10.00	8.86	ug/L	89
10/05/93	LCS934890	GCPEA1310041056		10.00	9.87	ug/L	99
06/09/93	LCSEXT93923	GCQUE1306091614		10.00	8.96	ug/L	90
06/10/93	LCSEXT93930	GCQUE1306091614		10.00	7.43	ug/L	74
06/24/93	LCSEXT931420	GCQUE1306241717		10.00	8.47	ug/L	85
06/25/93	LCSEXT931502	GCQUE1306241717		10.00	7.31	ug/L	73
06/27/93	LCSEXT931540	GCQUE1306271713		10.00	8.67	ug/L	87
06/28/93	LCSEXT931555	GCQUE1306271713		10.00	7.36	ug/L	74
09/22/93	LCS934528	GCQUE1309221453		10.00	9.55	ug/L	95
09/23/93	LCS934661	GCQUE1309221453		10.00	9.93	ug/L	99
06/14/93	LCSEXT931078	GCTEX1306141311		10.00	10.00	ug/L	100
06/15/93	LCSEXT931091	GCTEX1306141311		10.00	11.20	ug/L	112
06/15/93	LCSEXTCAL931095	GCTEX1306152237		10.00	11.40	ug/L	114
06/16/93	LCSEXT931164	GCTEX1306152237		10.00	10.30	ug/L	103
06/21/93	LCSEXT931331	GCTEX1306211441		10.00	11.10	ug/L	111
06/22/93	LCSEXT931337	GCTEX1306211441		10.00	11.20	ug/L	112
06/23/93	LCSEXT931360	GCTEX1306222319		10.00	10.70	ug/L	107
06/24/93	LCSEXT931370	GCTEX1306222319		10.00	11.10	ug/L	111
08/24/93	LCS933635	GCTEX1308242018		10.00	9.49	ug/L	95
08/25/93	LCS933639	GCTEX1308242018		10.00	10.10	ug/L	101
09/22/93	LCS934522	GCTEX1309221032		10.00	11.00	ug/L	110
09/23/93	LCS934533	GCTEX1309221032		10.00	11.30	ug/L	113
09/23/93	LCS934664	GCTEX1309231506		10.00	9.93	ug/L	99
09/24/93	LCS934673	GCTEX1309231506		10.00	11.10	ug/L	111
10/06/93	LCS934897	GCTEX1310061111		10.00	10.30	ug/L	103
10/07/93	LCS934906	GCTEX1310061111		10.00	10.00	ug/L	100
Number of Samples : 37				Below acceptance : 0			

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : 1,1,1,2-Tetrachloroethane continued

Type of Spike : Laboratory Control

Mean % Recovery : 97.1 Above acceptance : 0
Standard Deviation : 11.06 Acceptance Criteria NS

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : 1,1,1-Trichloroethane

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
09/15/93	LCS934242	GCJAY1309150130		10.00	11.20	ug/L	112
09/16/93	LCS934250	GCJAY1309150130		10.00	10.30	ug/L	103
09/20/93	LCS934491	GCJAY1309201444		10.00	11.30	ug/L	113
09/21/93	LCS934506	GCJAY1309201444		10.00	11.90	ug/L	119
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	9.61	ug/L	96
06/21/93	LCS931309	GCPEA1306201359		10.00	9.40	ug/L	94
08/10/93	LCS933131	GCPEA1308101540		10.00	11.20	ug/L	112
08/11/93	LCS933141	GCPEA1308101540		10.00	10.90	ug/L	109
08/11/93	LCS933146	GCPEA1308101540		10.00	11.10	ug/L	111
08/16/93	LCS933413	GCPEA1308161047		10.00	10.60	ug/L	106
08/17/93	LCS933420	GCPEA1308161047		10.00	10.70	ug/L	106
10/04/93	LCS934882	GCPEA1310041056		10.00	11.10	ug/L	111
10/05/93	LCS934887	GCPEA1310041056		10.00	12.00	ug/L	120
10/05/93	LCS934889	GCPEA1310041056		10.00	11.40	ug/L	114
06/09/93	LCS93-850	GCQUE1306091614		10.00	9.32	ug/L	93
06/10/93	LCS93934	GCQUE1306091614		10.00	10.70	ug/L	107
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	9.13	ug/L	91
06/25/93	LCS931501	GCQUE1306241717		10.00	8.81	ug/L	88
06/28/93	LCS931554	GCQUE1306271713		10.00	8.84	ug/L	88
06/28/93	LCS931556	GCQUE1306271713		10.00	8.52	ug/L	85
09/22/93	LCS934526	GCQUE1309221453		10.00	9.63	ug/L	96
09/23/93	LCS934660	GCQUE1309221453		10.00	9.71	ug/L	97
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	11.60	ug/L	116
06/15/93	LCS931089	GCTEX1306141311		10.00	11.20	ug/L	112
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	12.10	ug/L	121
06/16/93	LCS931163	GCTEX1306152237		10.00	11.10	ug/L	111
06/21/93	LCSCAL931330.	GCTEX1306211441		10.00	12.20	ug/L	122
06/22/93	LCS931336	GCTEX1306211441		10.00	12.20	ug/L	122
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	11.50	ug/L	115
06/23/93	LCS931368	GCTEX1306222319		10.00	10.90	ug/L	109
08/24/93	LCS933634	GCTEX1308242018		10.00	10.30	ug/L	103
08/25/93	LCS933640	GCTEX1308242018		10.00	9.78	ug/L	98
09/22/93	LCS934519	GCTEX1309221032		10.00	11.40	ug/L	114
09/23/93	LCS934532	GCTEX1309221032		10.00	11.20	ug/L	112
09/23/93	LCS934663	GCTEX1309231506		10.00	10.90	ug/L	109
09/24/93	LCS934672	GCTEX1309231506		10.00	11.60	ug/L	116
10/06/93	LCS934895	GCTEX1310061111		10.00	10.90	ug/L	109

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,1,1-Trichloroethane continued							
Type of Spike : Laboratory Control							
10/07/93	LCS934905	GCTEX1310061111		10.00	11.00	ug/L	110
Number of Samples : 38			Below acceptance : 0				
Mean % Recovery : 107.1			Above acceptance : 0				
Standard Deviation : 10.10			Acceptance Criteria 41-138				
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,1,2,2-Tetrachloroethane							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY1309150130		10.00	7.51	ug/L	75
09/16/93	LCS934250	GCJAY1309150130		10.00	6.98	ug/L	70
09/20/93	LCS934491	GCJAY1309201444		10.00	8.06	ug/L	81
09/21/93	LCS934506	GCJAY1309201444		10.00	7.20	ug/L	72
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	7.83	ug/L	78
06/21/93	LCS931309	GCPEA1306201359		10.00	8.29	ug/L	83
08/10/93	LCS933131	GCPEA1308101540		10.00	7.44	ug/L	74
08/11/93	LCS933141	GCPEA1308101540		10.00	8.17	ug/L	82
08/11/93	LCS933146	GCPEA1308101540		10.00	8.18	ug/L	82
08/16/93	LCS933413	GCPEA1308161047		10.00	7.71	ug/L	77
08/17/93	LCS933420	GCPEA1308161047		10.00	7.30	ug/L	73
10/04/93	LCS934882	GCPEA1310041056		10.00	8.11	ug/L	81
10/05/93	LCS934887	GCPEA1310041056		10.00	7.86	ug/L	79
10/05/93	LCS934889	GCPEA1310041056		10.00	8.42	ug/L	84
06/09/93	LCS93-850	GCQUE1306091614		10.00	7.54	ug/L	75
06/10/93	LCS93934	GCQUE1306091614		10.00	9.31	ug/L	93
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	9.47	ug/L	95
06/25/93	LCS931501	GCQUE1306241717		10.00	10.10	ug/L	101
06/28/93	LCS931554	GCQUE1306271713		10.00	7.84	ug/L	78
06/28/93	LCS931556	GCQUE1306271713		10.00	8.96	ug/L	90
09/22/93	LCS934526	GCQUE1309221453		10.00	7.60	ug/L	76
09/23/93	LCS934660	GCQUE1309221453		10.00	7.15	ug/L	72
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	9.45	ug/L	95
06/15/93	LCS931089	GCTEX1306141311		10.00	8.94	ug/L	89
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	9.30	ug/L	93
06/16/93	LCS931163	GCTEX1306152237		10.00	8.37	ug/L	84
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	9.84	ug/L	98
06/22/93	LCS931336	GCTEX1306211441		10.00	8.87	ug/L	89
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	8.51	ug/L	85
06/23/93	LCS931368	GCTEX1306222319		10.00	8.45	ug/L	84
08/24/93	LCS933634	GCTEX1308242018		10.00	7.88	ug/L	79
08/25/93	LCS933640	GCTEX1308242018		10.00	7.70	ug/L	77
09/22/93	LCS934519	GCTEX1309221032		10.00	9.93	ug/L	99
09/23/93	LCS934532	GCTEX1309221032		10.00	9.24	ug/L	92

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,1,2,2-Tetrachloroethane continued							
Type of Spike : Laboratory Control							
09/23/93	LCS934663	GCTEX1309231506		10.00	8.66	ug/L	87
09/24/93	LCS934672	GCTEX1309231506		10.00	8.90	ug/L	89
10/06/93	LCS934895	GCTEX1310061111		10.00	9.02	ug/L	90
10/07/93	LCS934905	GCTEX1310061111		10.00	8.36	ug/L	84
Number of Samples : 38			Below acceptance : 0				
Mean % Recovery : 83.8			Above acceptance : 0				
Standard Deviation : 8.24			Acceptance Criteria 8-184				
Type of Spike : Matrix Spike							
09/21/93	06-MW-07-01 MS	GCJAY1309201444	0.08	10.00	8.62	ug/L	85
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	0.08	10.00	8.99	ug/L	89
06/21/93	10-MW-01-03 MS	GCPEA1306201359	ND	10.00	7.84	ug/L	78
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	ND	10.00	8.80	ug/L	88
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	9.22	ug/L	92
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	8.96	ug/L	90
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	7.78	ug/L	78
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	7.87	ug/L	79
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00	9.31	ug/L	93
06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	9.76	ug/L	98
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	7.94	ug/L	79
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	9.26	ug/L	93
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	9.81	ug/L	98
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	9.63	ug/L	96
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	10.40	ug/L	104
06/25/93	05-MW-01-03 MS	GCTEX1306250629	ND	10.00	9.40	ug/L	94
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	ND	10.00	10.40	ug/L	104
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	8.69	ug/L	87
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	8.40	ug/L	84
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.46	ug/L	95
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	10.10	ug/L	101
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	9.20	ug/L	92
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.68	ug/L	87
Number of Samples : 23			Below acceptance : 0				
Mean % Recovery : 90.6			Above acceptance : 0				
Standard Deviation : 7.83			Acceptance Criteria 8-184				

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : 1,1,2-Trichloroethane

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
09/15/93	LCS934242	GCJAY1309150130		10.00	9.42	ug/L	94
09/16/93	LCS934250	GCJAY1309150130		10.00	7.98	ug/L	80
09/20/93	LCS934491	GCJAY1309201444		10.00	8.87	ug/L	89
09/21/93	LCS934506	GCJAY1309201444		10.00	8.52	ug/L	85
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	8.02	ug/L	80
06/21/93	LCS931309	GCPEA1306201359		10.00	8.09	ug/L	81
08/10/93	LCS933131	GCPEA1308101540		10.00	8.25	ug/L	82
08/11/93	LCS933141	GCPEA1308101540		10.00	8.66	ug/L	87
08/11/93	LCS933146	GCPEA1308101540		10.00	8.85	ug/L	89
08/16/93	LCS933413	GCPEA1308161047		10.00	8.10	ug/L	81
08/17/93	LCS933420	GCPEA1308161047		10.00	7.72	ug/L	77
10/04/93	LCS934882	GCPEA1310041056		10.00	9.00	ug/L	90
10/05/93	LCS934887	GCPEA1310041056		10.00	8.94	ug/L	89
10/05/93	LCS934889	GCPEA1310041056		10.00	9.01	ug/L	90
06/09/93	LCS93-850	GCQUE1306091614		10.00	6.96	ug/L	70
06/10/93	LCS93934	GCQUE1306091614		10.00	8.40	ug/L	84
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	10.60	ug/L	106
06/25/93	LCS931501	GCQUE1306241717		10.00	10.40	ug/L	104
06/28/93	LCS931554	GCQUE1306271713		10.00	8.96	ug/L	90
06/28/93	LCS931556	GCQUE1306271713		10.00	10.00	ug/L	100
09/22/93	LCS934526	GCQUE1309221453		10.00	8.70	ug/L	87
09/23/93	LCS934660	GCQUE1309221453		10.00	7.97	ug/L	80
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	9.44	ug/L	94
06/15/93	LCS931089	GCTEX1306141311		10.00	8.95	ug/L	89
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	9.38	ug/L	94
06/16/93	LCS931163	GCTEX1306152237		10.00	8.77	ug/L	88
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	9.60	ug/L	96
06/22/93	LCS931336	GCTEX1306211441		10.00	9.50	ug/L	95
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	9.05	ug/L	91
06/23/93	LCS931368	GCTEX1306222319		10.00	9.04	ug/L	90
08/24/93	LCS933634	GCTEX1308242018		10.00	8.11	ug/L	81
08/25/93	LCS933640	GCTEX1308242018		10.00	7.72	ug/L	77
09/22/93	LCS934519	GCTEX1309221032		10.00	9.17	ug/L	92
09/23/93	LCS934532	GCTEX1309221032		10.00	9.07	ug/L	91
09/23/93	LCS934663	GCTEX1309231506		10.00	8.58	ug/L	86
09/24/93	LCS934672	GCTEX1309231506		10.00	8.83	ug/L	88
10/06/93	LCS934895	GCTEX1310061111		10.00	8.29	ug/L	83
10/07/93	LCS934905	GCTEX1310061111		10.00	8.23	ug/L	82

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 87.7	Above acceptance :	0
Standard Deviation	: 7.40	Acceptance Criteria	39-136

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,1-Dichloroethane							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY1309150130		10.00	10.40	ug/L	104
09/16/93	LCS934250	GCJAY1309150130		10.00	9.07	ug/L	91
09/20/93	LCS934491	GCJAY1309201444		10.00	10.10	ug/L	101
09/21/93	LCS934506	GCJAY1309201444		10.00	9.97	ug/L	100
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	8.94	ug/L	89
06/21/93	LCS931309	GCPEA1306201359		10.00	8.39	ug/L	84
08/10/93	LCS933131	GCPEA1308101540		10.00	10.00	ug/L	100
08/11/93	LCS933141	GCPEA1308101540		10.00	10.10	ug/L	101
08/11/93	LCS933146	GCPEA1308101540		10.00	9.98	ug/L	100
08/16/93	LCS933413	GCPEA1308161047		10.00	9.62	ug/L	96
08/17/93	LCS933420	GCPEA1308161047		10.00	9.48	ug/L	95
10/04/93	LCS934882	GCPEA1310041056		10.00	10.20	ug/L	102
10/05/93	LCS934887	GCPEA1310041056		10.00	10.90	ug/L	109
10/05/93	LCS934889	GCPEA1310041056		10.00	10.60	ug/L	106
06/09/93	LCS93-850	GCQUE1306091614		10.00	9.03	ug/L	90
06/10/93	LCS93934	GCQUE1306091614		10.00	9.96	ug/L	100
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	10.50	ug/L	105
06/25/93	LCS931501	GCQUE1306241717		10.00	9.51	ug/L	95
06/28/93	LCS931554	GCQUE1306271713		10.00	8.82	ug/L	88
06/28/93	LCS931556	GCQUE1306271713		10.00	9.01	ug/L	90
09/22/93	LCS934526	GCQUE1309221453		10.00	9.56	ug/L	96
09/23/93	LCS934660	GCQUE1309221453		10.00	9.30	ug/L	93
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	10.20	ug/L	102
06/15/93	LCS931089	GCTEX1306141311		10.00	10.10	ug/L	100
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.50	ug/L	105
06/16/93	LCS931163	GCTEX1306152237		10.00	9.70	ug/L	97
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	10.70	ug/L	107
06/22/93	LCS931336	GCTEX1306211441		10.00	10.80	ug/L	108
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	10.20	ug/L	102
06/23/93	LCS931368	GCTEX1306222319		10.00	9.80	ug/L	98
08/24/93	LCS933634	GCTEX1308242018		10.00	9.31	ug/L	93
08/25/93	LCS933640	GCTEX1308242018		10.00	8.63	ug/L	86
09/22/93	LCS934519	GCTEX1309221032		10.00	9.89	ug/L	99
09/23/93	LCS934532	GCTEX1309221032		10.00	9.71	ug/L	97
09/23/93	LCS934663	GCTEX1309231506		10.00	9.62	ug/L	96
09/24/93	LCS934672	GCTEX1309231506		10.00	10.00	ug/L	100
10/06/93	LCS934895	GCTEX1310061111		10.00	9.66	ug/L	97
10/07/93	LCS934905	GCTEX1310061111		10.00	9.74	ug/L	97

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 97.9	Above acceptance :	0
Standard Deviation	: 6.09	Acceptance Criteria	47-132

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : 1,1-Dichloroethene

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
09/15/93	LCS934242	GCJAY1309150130		10.00	10.30	ug/L	103
09/16/93	LCS934250	GCJAY1309150130		10.00	9.02	ug/L	90
09/20/93	LCS934491	GCJAY1309201444		10.00	10.40	ug/L	104
09/21/93	LCS934506	GCJAY1309201444		10.00	10.50	ug/L	105
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	8.45	ug/L	85
06/21/93	LCS931309	GCPEA1306201359		10.00	7.98	ug/L	80
08/10/93	LCS933131	GCPEA1308101540		10.00	10.80	ug/L	108
08/11/93	LCS933141	GCPEA1308101540		10.00	10.80	ug/L	108
08/11/93	LCS933146	GCPEA1308101540		10.00	10.50	ug/L	105
08/16/93	LCS933413	GCPEA1308161047		10.00	10.60	ug/L	106
08/17/93	LCS933420	GCPEA1308161047		10.00	10.60	ug/L	106
10/04/93	LCS934882	GCPEA1310041056		10.00	10.30	ug/L	103
10/05/93	LCS934887	GCPEA1310041056		10.00	11.10	ug/L	111
10/05/93	LCS934889	GCPEA1310041056		10.00	11.60	ug/L	116
06/09/93	LCS93-850	GCQUE1306091614		10.00	6.24	ug/L	62
06/10/93	LCS93934	GCQUE1306091614		10.00	6.38	ug/L	64
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	9.36	ug/L	94
06/25/93	LCS931501	GCQUE1306241717		10.00	8.68	ug/L	87
06/28/93	LCS931554	GCQUE1306271713		10.00	7.92	ug/L	79
06/28/93	LCS931556	GCQUE1306271713		10.00	7.78	ug/L	78
09/22/93	LCS934526	GCQUE1309221453		10.00	10.00	ug/L	100
09/23/93	LCS934660	GCQUE1309221453		10.00	10.10	ug/L	101
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	8.47	ug/L	85
06/15/93	LCS931089	GCTEX1306141311		10.00	9.18	ug/L	92
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	9.71	ug/L	97
06/16/93	LCS931163	GCTEX1306152237		10.00	8.44	ug/L	84
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	9.38	ug/L	94
06/22/93	LCS931336	GCTEX1306211441		10.00	9.76	ug/L	98
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	9.20	ug/L	92
06/23/93	LCS931368	GCTEX1306222319		10.00	8.75	ug/L	87
08/24/93	LCS933634	GCTEX1308242018		10.00	8.92	ug/L	89
08/25/93	LCS933640	GCTEX1308242018		10.00	9.13	ug/L	91
09/22/93	LCS934519	GCTEX1309221032		10.00	9.31	ug/L	93
09/23/93	LCS934532	GCTEX1309221032		10.00	9.34	ug/L	93
09/23/93	LCS934663	GCTEX1309231506		10.00	10.40	ug/L	104
09/24/93	LCS934672	GCTEX1309231506		10.00	10.00	ug/L	100
10/06/93	LCS934895	GCTEX1310061111		10.00	10.10	ug/L	101
10/07/93	LCS934905	GCTEX1310061111		10.00	9.67	ug/L	97

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 94.5	Above acceptance :	0
Standard Deviation	: 11.94	Acceptance Criteria	28-167

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,1-Dichloroethene continued							
Type of Spike : Matrix Spike							
Type of Spike : Matrix Spike							
09/21/93	06-MW-07-01 MS	GCJAY1309201444	ND	10.00	11.10	ug/L	111
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	ND	10.00	11.20	ug/L	112
06/21/93	10-MW-01-03 MS	GCPEA1306201359	ND	10.00	8.87	ug/L	89
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	ND	10.00	9.19	ug/L	92
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	11.10	ug/L	111
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	11.40	ug/L	114
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	7.05	ug/L	70
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	7.82	ug/L	78
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00	9.05	ug/L	90
06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	8.50	ug/L	85
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	7.40	ug/L	74
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	9.10	ug/L	91
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	8.54	ug/L	85
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	9.56	ug/L	96
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	8.41	ug/L	84
06/25/93	05-MW-01-03 MS	GCTEX1306250629	ND	10.00	9.33	ug/L	93
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	ND	10.00	9.50	ug/L	95
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	9.54	ug/L	95
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	10.90	ug/L	109
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.43	ug/L	94
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	8.90	ug/L	89
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.96	ug/L	90
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	9.23	ug/L	92

Number of Samples	: 23	Below acceptance :	0
Mean % Recovery	: 93.0	Above acceptance :	0
Standard Deviation	: 11.88	Acceptance Criteria	28-167

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : 1,2,3-Trichloropropane

Type of Spike : Laboratory Control

09/15/93	LCS934245	GCJAY1309150130	10.00	7.41	ug/L	74
09/16/93	LCS934251	GCJAY1309150130	10.00	7.35	ug/L	74
09/20/93	LCS934496	GCJAY1309201444	10.00	7.05	ug/L	71
09/21/93	LCS934507	GCJAY1309201444	10.00	8.00	ug/L	80
06/20/93	LCSEXT931297	GCPEA1306201359	10.00	8.24	ug/L	82
06/21/93	LCSEXT931310	GCPEA1306201359	10.00	8.52	ug/L	85
08/10/93	LCS933130	GCPEA1308101540	10.00	9.07	ug/L	91
08/11/93	LCS933142	GCPEA1308101540	10.00	9.28	ug/L	93
08/11/93	LCS933147	GCPEA1308101540	10.00	9.83	ug/L	98

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,2,3-Trichloropropane continued							
Type of Spike : Laboratory Control							
08/16/93	LCS933415	GCPEA1308161047		10.00	7.99	ug/L	80
08/17/93	LCS933421	GCPEA1308161047		10.00	8.23	ug/L	82
10/04/93	LCS934883	GCPEA1310041056		10.00	7.28	ug/L	73
10/05/93	LCS934890	GCPEA1310041056		10.00	8.37	ug/L	84
06/09/93	LCSEXT93923	GCQUE1306091614		10.00	7.17	ug/L	72
06/10/93	LCSEXT93930	GCQUE1306091614		10.00	6.09	ug/L	61
06/24/93	LCSEXT931420	GCQUE1306241717		10.00	7.41	ug/L	74
06/25/93	LCSEXT931502	GCQUE1306241717		10.00	5.93	ug/L	59
06/27/93	LCSEXT931540	GCQUE1306271713		10.00	7.31	ug/L	73
06/28/93	LCSEXT931555	GCQUE1306271713		10.00	6.46	ug/L	65
09/22/93	LCS934528	GCQUE1309221453		10.00	7.84	ug/L	78
09/23/93	LCS934661	GCQUE1309221453		10.00	7.78	ug/L	78
06/14/93	LCSEXT931078	GCTEX1306141311		10.00	10.50	ug/L	105
06/15/93	LCSEXT931091	GCTEX1306141311		10.00	11.50	ug/L	115
06/15/93	LCSEXTCAL931095	GCTEX1306152237		10.00	12.50	ug/L	125
06/16/93	LCSEXT931164	GCTEX1306152237		10.00	11.20	ug/L	112
06/21/93	LCSEXT931331	GCTEX1306211441		10.00	12.80	ug/L	128
06/22/93	LCSEXT931337	GCTEX1306211441		10.00	11.70	ug/L	117
06/23/93	LCSEXT931360	GCTEX1306222319		10.00	11.60	ug/L	116
06/24/93	LCSEXT931370	GCTEX1306222319		10.00	11.70	ug/L	116
08/24/93	LCS933635	GCTEX1308242018		10.00	9.54	ug/L	95
08/25/93	LCS933639	GCTEX1308242018		10.00	11.90	ug/L	119
09/22/93	LCS934522	GCTEX1309221032		10.00	12.50	ug/L	125
09/23/93	LCS934533	GCTEX1309221032		10.00	12.30	ug/L	123
09/23/93	LCS934664	GCTEX1309231506		10.00	10.70	ug/L	107
09/24/93	LCS934673	GCTEX1309231506		10.00	12.30	ug/L	123
10/06/93	LCS934897	GCTEX1310061111		10.00	11.70	ug/L	117
10/07/93	LCS934906	GCTEX1310061111		10.00	10.70	ug/L	107

Number of Samples	: 37	Below acceptance :	0
Mean % Recovery	: 94.0	Above acceptance :	0
Standard Deviation	: 21.27	Acceptance Criteria	NS

Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,2-Dichlorobenzene							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY1309150130		10.00	9.04	ug/L	90
09/16/93	LCS934250	GCJAY1309150130		10.00	8.46	ug/L	85
09/20/93	LCS934491	GCJAY1309201444		10.00	9.38	ug/L	94
09/21/93	LCS934506	GCJAY1309201444		10.00	9.73	ug/L	97
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	8.93	ug/L	89
06/21/93	LCS931309	GCPEA1306201359		10.00	8.99	ug/L	90
08/10/93	LCS933131	GCPEA1308101540		10.00	9.48	ug/L	95

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,2-Dichlorobenzene continued							
Type of Spike : Laboratory Control							
08/11/93	LCS933141	GCPEA1308101540		10.00	10.00	ug/L	100
08/11/93	LCS933146	GCPEA1308101540		10.00	10.00	ug/L	100
08/16/93	LCS933413	GCPEA1308161047		10.00	9.41	ug/L	94
08/17/93	LCS933420	GCPEA1308161047		10.00	9.26	ug/L	93
10/04/93	LCS934882	GCPEA1310041056		10.00	9.55	ug/L	95
10/05/93	LCS934887	GCPEA1310041056		10.00	9.86	ug/L	99
10/05/93	LCS934889	GCPEA1310041056		10.00	10.10	ug/L	101
06/09/93	LCS93-850	GCQUE1306091614		10.00	9.11	ug/L	91
06/10/93	LCS93934	GCQUE1306091614		10.00	9.91	ug/L	99
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	11.20	ug/L	112
06/25/93	LCS931501	GCQUE1306241717		10.00	10.70	ug/L	107
06/28/93	LCS931554	GCQUE1306271713		10.00	9.11	ug/L	91
06/28/93	LCS931556	GCQUE1306271713		10.00	10.20	ug/L	102
09/22/93	LCS934526	GCQUE1309221453		10.00	9.35	ug/L	94
09/23/93	LCS934660	GCQUE1309221453		10.00	9.84	ug/L	98
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	10.30	ug/L	103
06/15/93	LCS931089	GCTEX1306141311		10.00	9.83	ug/L	98
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.40	ug/L	104
06/16/93	LCS931163	GCTEX1306152237		10.00	9.63	ug/L	96
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	10.50	ug/L	105
06/22/93	LCS931336	GCTEX1306211441		10.00	10.40	ug/L	104
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	10.00	ug/L	100
06/23/93	LCS931368	GCTEX1306222319		10.00	9.91	ug/L	99
08/24/93	LCS933634	GCTEX1308242018		10.00	8.86	ug/L	89
08/25/93	LCS933640	GCTEX1308242018		10.00	8.20	ug/L	82
09/22/93	LCS934519	GCTEX1309221032		10.00	9.83	ug/L	98
09/23/93	LCS934532	GCTEX1309221032		10.00	9.35	ug/L	93
09/23/93	LCS934663	GCTEX1309231506		10.00	9.34	ug/L	93
09/24/93	LCS934672	GCTEX1309231506		10.00	9.67	ug/L	97
10/06/93	LCS934895	GCTEX1310061111		10.00	9.29	ug/L	93
10/07/93	LCS934905	GCTEX1310061111		10.00	8.57	ug/L	86

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 96.2	Above acceptance :	0
Standard Deviation	: 6.30	Acceptance Criteria	D-208

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,2-Dichloroethane							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY1309150130		10.00	9.27	ug/L	93
09/16/93	LCS934250	GCJAY1309150130		10.00	8.32	ug/L	83
09/20/93	LCS934491	GCJAY1309201444		10.00	9.07	ug/L	91
09/21/93	LCS934506	GCJAY1309201444		10.00	8.94	ug/L	89
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	8.21	ug/L	82
06/21/93	LCS931309	GCPEA1306201359		10.00	8.29	ug/L	83
08/10/93	LCS933131	GCPEA1308101540		10.00	8.77	ug/L	88
08/11/93	LCS933141	GCPEA1308101540		10.00	8.96	ug/L	90
08/11/93	LCS933146	GCPEA1308101540		10.00	9.07	ug/L	91
08/16/93	LCS933413	GCPEA1308161047		10.00	8.50	ug/L	85
08/17/93	LCS933420	GCPEA1308161047		10.00	8.23	ug/L	82
10/04/93	LCS934882	GCPEA1310041056		10.00	9.12	ug/L	91
10/05/93	LCS934887	GCPEA1310041056		10.00	9.37	ug/L	94
10/05/93	LCS934889	GCPEA1310041056		10.00	9.24	ug/L	92
06/09/93	LCS93-850	GCQUE1306091614		10.00	7.95	ug/L	80
06/10/93	LCS93934	GCQUE1306091614		10.00	8.35	ug/L	84
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	9.13	ug/L	91
06/25/93	LCS931501	GCQUE1306241717		10.00	8.42	ug/L	84
06/28/93	LCS931554	GCQUE1306271713		10.00	8.96	ug/L	90
06/28/93	LCS931556	GCQUE1306271713		10.00	7.86	ug/L	79
09/22/93	LCS934526	GCQUE1309221453		10.00	8.31	ug/L	83
09/23/93	LCS934660	GCQUE1309221453		10.00	8.29	ug/L	83
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	10.00	ug/L	100
06/15/93	LCS931089	GCTEX1306141311		10.00	9.82	ug/L	98
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.40	ug/L	104
06/16/93	LCS931163	GCTEX1306152237		10.00	9.95	ug/L	100
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	10.60	ug/L	106
06/22/93	LCS931336	GCTEX1306211441		10.00	10.50	ug/L	105
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	10.00	ug/L	100
06/23/93	LCS931368	GCTEX1306222319		10.00	9.83	ug/L	98
08/24/93	LCS933634	GCTEX1308242018		10.00	9.69	ug/L	97
08/25/93	LCS933640	GCTEX1308242018		10.00	8.82	ug/L	88
09/22/93	LCS934519	GCTEX1309221032		10.00	10.40	ug/L	104
09/23/93	LCS934532	GCTEX1309221032		10.00	10.50	ug/L	105
09/23/93	LCS934663	GCTEX1309231506		10.00	9.85	ug/L	98
09/24/93	LCS934672	GCTEX1309231506		10.00	10.60	ug/L	106
10/06/93	LCS934895	GCTEX1310061111		10.00	9.78	ug/L	98
10/07/93	LCS934905	GCTEX1310061111		10.00	10.00	ug/L	100

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 92.5	Above acceptance :	0
Standard Deviation	: 8.23	Acceptance Criteria	51-147

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,2-Dichloroethane continued							
Type of Spike : Matrix Spike							
Type of Spike : Matrix Spike							
09/21/93	06-MW-07-01 MS	GCJAY1309201444	ND	10.00	9.71	ug/L	97
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	ND	10.00	9.56	ug/L	96
06/21/93	10-MW-01-03 MS	GCPEA1306201359	ND	10.00	8.40	ug/L	84
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	ND	10.00	8.82	ug/L	88
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	9.07	ug/L	91
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	9.19	ug/L	92
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	0.04	10.00	8.68	ug/L	86
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	0.04	10.00	8.39	ug/L	84
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00	9.76	ug/L	98
06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	9.16	ug/L	92
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	7.71	ug/L	77
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	10.00	ug/L	100
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	9.58	ug/L	96
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	10.60	ug/L	106
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	10.10	ug/L	101
06/25/93	05-MW-01-03 MS	GCTEX1306250629	3.17	10.00	13.70	ug/L	105
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	3.17	10.00	14.20	ug/L	110
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	9.18	ug/L	92
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	9.60	ug/L	96
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.37	ug/L	94
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.79	ug/L	98
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	9.14	ug/L	91
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	9.21	ug/L	92

Number of Samples	: 23	Below acceptance :	0
Mean % Recovery	: 94.2	Above acceptance :	0
Standard Deviation	: 7.63	Acceptance Criteria	51-147

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : 1,2-Dichloropropane

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	10.10	ug/L	101
09/16/93	LCS934250	GCJAY1309150130	10.00	9.03	ug/L	90
09/20/93	LCS934491	GCJAY1309201444	10.00	10.10	ug/L	101
09/21/93	LCS934506	GCJAY1309201444	10.00	10.10	ug/L	101
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	8.78	ug/L	88
06/21/93	LCS931309	GCPEA1306201359	10.00	8.54	ug/L	85
08/10/93	LCS933131	GCPEA1308101540	10.00	9.89	ug/L	99
08/11/93	LCS933141	GCPEA1308101540	10.00	9.87	ug/L	99
08/11/93	LCS933146	GCPEA1308101540	10.00	9.81	ug/L	98

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,2-Dichloropropane continued							
Type of Spike : Laboratory Control							
08/16/93	LCS933413	GCPEA1308161047		10.00	9.23	ug/L	92
08/17/93	LCS933420	GCPEA1308161047		10.00	9.23	ug/L	92
10/04/93	LCS934882	GCPEA1310041056		10.00	9.97	ug/L	100
10/05/93	LCS934887	GCPEA1310041056		10.00	10.40	ug/L	104
10/05/93	LCS934889	GCPEA1310041056		10.00	10.20	ug/L	102
06/09/93	LCS93-850	GCQUE1306091614		10.00	7.70	ug/L	77
06/10/93	LCS93934	GCQUE1306091614		10.00	8.53	ug/L	85
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	9.20	ug/L	92
06/25/93	LCS931501	GCQUE1306241717		10.00	9.02	ug/L	90
06/28/93	LCS931554	GCQUE1306271713		10.00	8.30	ug/L	83
06/28/93	LCS931556	GCQUE1306271713		10.00	8.20	ug/L	82
09/22/93	LCS934526	GCQUE1309221453		10.00	9.34	ug/L	93
09/23/93	LCS934660	GCQUE1309221453		10.00	8.77	ug/L	88
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	10.00	ug/L	100
06/15/93	LCS931089	GCTEX1306141311		10.00	9.86	ug/L	99
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.40	ug/L	104
06/16/93	LCS931163	GCTEX1306152237		10.00	9.47	ug/L	95
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	10.40	ug/L	104
06/22/93	LCS931336	GCTEX1306211441		10.00	10.20	ug/L	102
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	10.00	ug/L	100
06/23/93	LCS931368	GCTEX1306222319		10.00	9.63	ug/L	96
08/24/93	LCS933634	GCTEX1308242018		10.00	9.02	ug/L	90
08/25/93	LCS933640	GCTEX1308242018		10.00	8.41	ug/L	84
09/22/93	LCS934519	GCTEX1309221032		10.00	9.52	ug/L	95
09/23/93	LCS934532	GCTEX1309221032		10.00	9.81	ug/L	98
09/23/93	LCS934663	GCTEX1309231506		10.00	9.34	ug/L	93
09/24/93	LCS934672	GCTEX1309231506		10.00	9.69	ug/L	97
10/06/93	LCS934895	GCTEX1310061111		10.00	8.95	ug/L	89
10/07/93	LCS934905	GCTEX1310061111		10.00	8.96	ug/L	90

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 94.2	Above acceptance :	0
Standard Deviation	: 6.97	Acceptance Criteria	44-156

Type of Spike : Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY1309201444	ND	10.00	9.66	ug/L	97
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	ND	10.00	10.10	ug/L	101
06/21/93	10-MW-01-03 MS	GCPEA1306201359	ND	10.00	8.52	ug/L	85
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	ND	10.00	8.71	ug/L	87
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	9.77	ug/L	98
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	9.35	ug/L	93
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	8.56	ug/L	86
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	8.59	ug/L	86
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00	8.69	ug/L	87

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,2-Dichloropropane continued							
Type of Spike : Matrix Spike							
06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	8.74	ug/L	87
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	7.87	ug/L	79
06/16/93	10-MW-01-03	GCTEX1306152237	0.06	10.00	9.32	ug/L	93
06/16/93	10-MW-01-03	GCTEX1306152237	0.06	10.00	9.88	ug/L	98
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	9.72	ug/L	97
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	10.20	ug/L	102
06/25/93	05-MW-01-03 MS	GCTEX1306250629	ND	10.00	10.00	ug/L	100
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	ND	10.00	10.30	ug/L	103
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	8.69	ug/L	87
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	9.30	ug/L	93
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.13	ug/L	91
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	8.61	ug/L	86
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.37	ug/L	84
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.45	ug/L	85

Number of Samples	: 23	Below acceptance :	0
Mean % Recovery	: 91.5	Above acceptance :	0
Standard Deviation	: 6.83	Acceptance Criteria	.44-156

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : 1,3-Dichlorobenzene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	9.55	ug/L	95
09/16/93	LCS934250	GCJAY1309150130	10.00	9.09	ug/L	91
09/20/93	LCS934491	GCJAY1309201444	10.00	10.00	ug/L	100
09/21/93	LCS934506	GCJAY1309201444	10.00	10.10	ug/L	101
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	8.93	ug/L	89
06/21/93	LCS931309	GCPEA1306201359	10.00	8.58	ug/L	86
08/10/93	LCS933131	GCPEA1308101540	10.00	10.20	ug/L	102
08/11/93	LCS933141	GCPEA1308101540	10.00	10.70	ug/L	107
08/11/93	LCS933146	GCPEA1308101540	10.00	10.50	ug/L	105
08/16/93	LCS933413	GCPEA1308161047	10.00	10.10	ug/L	101
08/17/93	LCS933420	GCPEA1308161047	10.00	10.00	ug/L	100
10/04/93	LCS934882	GCPEA1310041056	10.00	10.40	ug/L	104
10/05/93	LCS934887	GCPEA1310041056	10.00	10.60	ug/L	106
10/05/93	LCS934889	GCPEA1310041056	10.00	11.00	ug/L	110
06/09/93	LCS93-850	GCQUE1306091614	10.00	7.80	ug/L	78
06/10/93	LCS93934	GCQUE1306091614	10.00	9.20	ug/L	92
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	9.17	ug/L	92
06/25/93	LCS931501	GCQUE1306241717	10.00	9.17	ug/L	92
06/28/93	LCS931554	GCQUE1306271713	10.00	7.67	ug/L	77
06/28/93	LCS931556	GCQUE1306271713	10.00	8.62	ug/L	86
09/22/93	LCS934526	GCQUE1309221453	10.00	9.55	ug/L	95

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,3-Dichlorobenzene continued							
Type of Spike : Laboratory Control							
09/23/93	LCS934660	GCQUE1309221453		10.00	9.14	ug/L	91
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	10.30	ug/L	103
06/15/93	LCS931089	GCTEX1306141311		10.00	9.62	ug/L	96
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.30	ug/L	103
06/16/93	LCS931163	GCTEX1306152237		10.00	9.45	ug/L	95
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	10.30	ug/L	103
06/22/93	LCS931336	GCTEX1306211441		10.00	10.20	ug/L	102
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	9.86	ug/L	99
06/23/93	LCS931368	GCTEX1306222319		10.00	9.65	ug/L	97
08/24/93	LCS933634	GCTEX1308242018		10.00	8.41	ug/L	84
08/25/93	LCS933640	GCTEX1308242018		10.00	7.69	ug/L	77
09/22/93	LCS934519	GCTEX1309221032		10.00	9.25	ug/L	92
09/23/93	LCS934532	GCTEX1309221032		10.00	8.79	ug/L	88
09/23/93	LCS934663	GCTEX1309231506		10.00	8.62	ug/L	86
09/24/93	LCS934672	GCTEX1309231506		10.00	8.98	ug/L	90
10/06/93	LCS934895	GCTEX1310061111		10.00	8.29	ug/L	83
10/07/93	LCS934905	GCTEX1310061111		10.00	8.05	ug/L	81

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 94.2	Above acceptance :	0
Standard Deviation	: 8.85	Acceptance Criteria	7-187

Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,4-Dichlorobenzene							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY1309150130		10.00	9.43	ug/L	94
09/16/93	LCS934250	GCJAY1309150130		10.00	8.53	ug/L	85
09/20/93	LCS934491	GCJAY1309201444		10.00	9.46	ug/L	95
09/21/93	LCS934506	GCJAY1309201444		10.00	9.80	ug/L	98
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	9.26	ug/L	93
06/21/93	LCS931309	GCPEA1306201359		10.00	9.22	ug/L	92
08/10/93	LCS933131	GCPEA1308101540		10.00	9.82	ug/L	98
08/11/93	LCS933141	GCPEA1308101540		10.00	10.50	ug/L	105
08/11/93	LCS933146	GCPEA1308101540		10.00	10.40	ug/L	104
08/16/93	LCS933413	GCPEA1308161047		10.00	9.85	ug/L	98
08/17/93	LCS933420	GCPEA1308161047		10.00	9.75	ug/L	98
10/04/93	LCS934882	GCPEA1310041056		10.00	9.82	ug/L	98
10/05/93	LCS934887	GCPEA1310041056		10.00	10.10	ug/L	101
10/05/93	LCS934889	GCPEA1310041056		10.00	10.40	ug/L	104
06/09/93	LCS93-850	GCQUE1306091614		10.00	9.67	ug/L	97
06/10/93	LCS93934	GCQUE1306091614		10.00	10.70	ug/L	107
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	11.50	ug/L	115
06/25/93	LCS931501	GCQUE1306241717		10.00	11.50	ug/L	115

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,4-Dichlorobenzene continued							
Type of Spike : Laboratory Control							
06/28/93	LCS931554	GCQUE1306271713		10.00	9.75	ug/L	98
06/28/93	LCS931556	GCQUE1306271713		10.00	11.10	ug/L	111
09/22/93	LCS934526	GCQUE1309221453		10.00	9.88	ug/L	99
09/23/93	LCS934660	GCQUE1309221453		10.00	9.30	ug/L	93
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	10.60	ug/L	106
06/15/93	LCS931089	GCTEX1306141311		10.00	9.95	ug/L	99
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.70	ug/L	107
06/16/93	LCS931163	GCTEX1306152237		10.00	9.87	ug/L	99
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	11.20	ug/L	112
06/22/93	LCS931336	GCTEX1306211441		10.00	10.90	ug/L	109
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	10.30	ug/L	103
06/23/93	LCS931368	GCTEX1306222319		10.00	10.20	ug/L	102
08/24/93	LCS933634	GCTEX1308242018		10.00	9.80	ug/L	98
08/25/93	LCS933640	GCTEX1308242018		10.00	8.99	ug/L	90
09/22/93	LCS934519	GCTEX1309221032		10.00	10.60	ug/L	106
09/23/93	LCS934532	GCTEX1309221032		10.00	10.10	ug/L	101
09/23/93	LCS934663	GCTEX1309231506		10.00	10.00	ug/L	100
09/24/93	LCS934672	GCTEX1309231506		10.00	10.40	ug/L	104
10/06/93	LCS934895	GCTEX1310061111		10.00	10.10	ug/L	101
10/07/93	LCS934905	GCTEX1310061111		10.00	9.90	ug/L	99

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 100.9	Above acceptance :	0
Standard Deviation	: 6.60	Acceptance Criteria	42-143

Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1-Chlorohexane							
Type of Spike : Laboratory Control							
09/15/93	LCS934245	GCJAY1309150130		10.00	11.50	ug/L	115
09/16/93	LCS934251	GCJAY1309150130		10.00	11.20	ug/L	112
09/20/93	LCS934496	GCJAY1309201444		10.00	11.80	ug/L	118
09/21/93	LCS934507	GCJAY1309201444		10.00	11.70	ug/L	117
06/20/93	LCSEXT931297	GCPEA1306201359		10.00	8.82	ug/L	88
06/21/93	LCSEXT931310	GCPEA1306201359		10.00	8.17	ug/L	82
08/10/93	LCS933130	GCPEA1308101540		10.00	11.00	ug/L	110
08/11/93	LCS933142	GCPEA1308101540		10.00	11.60	ug/L	116
08/11/93	LCS933147	GCPEA1308101540		10.00	12.80	ug/L	128
08/16/93	LCS933415	GCPEA1308161047		10.00	11.90	ug/L	119
08/17/93	LCS933421	GCPEA1308161047		10.00	10.70	ug/L	107
10/04/93	LCS934883	GCPEA1310041056		10.00	10.50	ug/L	105
10/05/93	LCS934890	GCPEA1310041056		10.00	11.90	ug/L	119
06/09/93	LCSEXT93923	GCQUE1306091614		10.00	13.40	ug/L	134
06/10/93	LCSEXT93930	GCQUE1306091614		10.00	10.20	ug/L	102

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1-Chlorohexane continued							
Type of Spike : Laboratory Control							
06/24/93	LCSEXT931420	GCQUE1306241717		10.00	10.90	ug/L	109
06/25/93	LCSEXT931502	GCQUE1306241717		10.00	9.75	ug/L	98
06/27/93	LCSEXT931540	GCQUE1306271713		10.00	11.10	ug/L	111
06/28/93	LCSEXT931555	GCQUE1306271713		10.00	9.93	ug/L	99
09/22/93	LCS934528	GCQUE1309221453		10.00	11.10	ug/L	111
09/23/93	LCS934661	GCQUE1309221453		10.00	11.90	ug/L	119
06/14/93	LCSEXT931078	GCTEX1306141311		10.00	11.00	ug/L	110
06/15/93	LCSEXT931091	GCTEX1306141311		10.00	12.60	ug/L	126
06/15/93	LCSEXTCAL931095	GCTEX1306152237		10.00	12.60	ug/L	126
06/16/93	LCSEXT931164	GCTEX1306152237		10.00	11.20	ug/L	112
06/21/93	LCSEXT931331	GCTEX1306211441		10.00	11.70	ug/L	117
06/22/93	LCSEXT931337	GCTEX1306211441		10.00	12.30	ug/L	123
06/23/93	LCSEXT931360	GCTEX1306222319		10.00	11.60	ug/L	116
06/24/93	LCSEXT931370	GCTEX1306222319		10.00	12.20	ug/L	122
08/24/93	LCS933635	GCTEX1308242018		10.00	8.23	ug/L	82
08/25/93	LCS933639	GCTEX1308242018		10.00	9.75	ug/L	97
09/22/93	LCS934522	GCTEX1309221032		10.00	10.80	ug/L	108
09/23/93	LCS934533	GCTEX1309221032		10.00	10.50	ug/L	105
09/23/93	LCS934664	GCTEX1309231506		10.00	10.00	ug/L	100
09/24/93	LCS934673	GCTEX1309231506		10.00	10.50	ug/L	105
10/06/93	LCS934897	GCTEX1310061111		10.00	9.62	ug/L	96
10/07/93	LCS934906	GCTEX1310061111		10.00	8.67	ug/L	87

Number of Samples	: 37	Below acceptance :	0
Mean % Recovery	: 109.5	Above acceptance :	0
Standard Deviation	: 12.57	Acceptance Criteria :	NS

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : 2-Chloroethyl vinyl ether

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	7.95	ug/L	79
09/16/93	LCS934250	GCJAY1309150130	10.00	6.78	ug/L	68
09/20/93	LCS934491	GCJAY1309201444	10.00	7.95	ug/L	79
09/21/93	LCS934506	GCJAY1309201444	10.00	7.14	ug/L	71
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	6.39	ug/L	64
06/21/93	LCS931309	GCPEA1306201359	10.00	6.25	ug/L	63
08/10/93	LCS933131	GCPEA1308101540	10.00	5.72	ug/L	57
08/11/93	LCS933141	GCPEA1308101540	10.00	5.09	ug/L	51
08/11/93	LCS933146	GCPEA1308101540	10.00	5.31	ug/L	53
08/16/93	LCS933413	GCPEA1308161047	10.00	5.94	ug/L	59
08/17/93	LCS933420	GCPEA1308161047	10.00	5.08	ug/L	51
10/04/93	LCS934882	GCPEA1310041056	10.00	7.87	ug/L	79
10/05/93	LCS934887	GCPEA1310041056	10.00	8.27	ug/L	83

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 2-Chloroethyl vinyl ether continued							
Type of Spike : Laboratory Control							
10/05/93	LCS934889	GCPEA1310041056		10.00	7.04	ug/L	70
06/09/93	LCS93-850	GCQUE1306091614		10.00	4.07	ug/L	41
06/10/93	LCS93934	GCQUE1306091614		10.00	5.04	ug/L	50
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	7.46	ug/L	75
06/25/93	LCS931501	GCQUE1306241717		10.00	7.14	ug/L	71
06/28/93	LCS931554	GCQUE1306271713		10.00	4.69	ug/L	47
06/28/93	LCS931556	GCQUE1306271713		10.00	6.07	ug/L	61
09/22/93	LCS934526	GCQUE1309221453		10.00	7.53	ug/L	75
09/23/93	LCS934660	GCQUE1309221453		10.00	6.13	ug/L	61
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	12.80	ug/L	128
06/15/93	LCS931089	GCTEX1306141311		10.00	11.70	ug/L	117
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.80	ug/L	108
06/16/93	LCS931163	GCTEX1306152237		10.00	11.90	ug/L	119
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	13.00	ug/L	130
06/22/93	LCS931336	GCTEX1306211441		10.00	12.40	ug/L	124
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	12.40	ug/L	124
06/23/93	LCS931368	GCTEX1306222319		10.00	11.00	ug/L	110
08/24/93	LCS933634	GCTEX1308242018		10.00	10.30	ug/L	103
08/25/93	LCS933640	GCTEX1308242018		10.00	9.26	ug/L	93
09/22/93	LCS934519	GCTEX1309221032		10.00	14.60	ug/L	146
09/23/93	LCS934532	GCTEX1309221032		10.00	12.40	ug/L	124
09/23/93	LCS934663	GCTEX1309231506		10.00	13.90	ug/L	139
09/24/93	LCS934672	GCTEX1309231506		10.00	12.20	ug/L	122
10/06/93	LCS934895	GCTEX1310061111		10.00	13.10	ug/L	131
10/07/93	LCS934905	GCTEX1310061111		10.00	11.00	ug/L	110

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 87.8	Above acceptance :	0
Standard Deviation	: 30.89	Acceptance Criteria	14-186

Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Bromobenzene							
Type of Spike : Laboratory Control							
09/15/93	LCS934245	GCJAY1309150130		10.00	11.30	ug/L	113
09/16/93	LCS934251	GCJAY1309150130		10.00	10.40	ug/L	104
09/20/93	LCS934496	GCJAY1309201444		10.00	10.60	ug/L	106
09/21/93	LCS934507	GCJAY1309201444		10.00	11.50	ug/L	115
06/20/93	LCSEXT931297	GCPEA1306201359		10.00	8.93	ug/L	89
06/21/93	LCSEXT931310	GCPEA1306201359		10.00	8.98	ug/L	90
08/10/93	LCS933130	GCPEA1308101540		10.00	8.35	ug/L	84
08/11/93	LCS933142	GCPEA1308101540		10.00	8.69	ug/L	87
08/11/93	LCS933147	GCPEA1308101540		10.00	9.49	ug/L	95
08/16/93	LCS933415	GCPEA1308161047		10.00	8.21	ug/L	82

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Bromobenzene continued							
Type of Spike : Laboratory Control							
08/17/93	LCS933421	GCPEA1308161047		10.00	7.78	ug/L	78
10/04/93	LCS934883	GCPEA1310041056		10.00	8.95	ug/L	90
10/05/93	LCS934890	GCPEA1310041056		10.00	9.81	ug/L	98
06/09/93	LCSEXT93923	GCQUE1306091614		10.00	9.49	ug/L	95
06/10/93	LCSEXT93930	GCQUE1306091614		10.00	7.39	ug/L	74
06/24/93	LCSEXT931420	GCQUE1306241717		10.00	10.00	ug/L	100
06/25/93	LCSEXT931502	GCQUE1306241717		10.00	10.30	ug/L	103
06/27/93	LCSEXT931540	GCQUE1306271713		10.00	10.30	ug/L	103
06/28/93	LCSEXT931555	GCQUE1306271713		10.00	8.92	ug/L	89
09/22/93	LCS934528	GCQUE1309221453		10.00	11.40	ug/L	114
09/23/93	LCS934661	GCQUE1309221453		10.00	11.10	ug/L	111
06/14/93	LCSEXT931078	GCTEX1306141311		10.00	12.00	ug/L	120
06/15/93	LCSEXT931091	GCTEX1306141311		10.00	13.40	ug/L	134
06/15/93	LCSEXTCAL931095	GCTEX1306152237		10.00	13.60	ug/L	136
06/16/93	LCSEXT931164	GCTEX1306152237		10.00	12.20	ug/L	122
06/21/93	LCSEXT931331	GCTEX1306211441		10.00	11.40	ug/L	114
06/22/93	LCSEXT931337	GCTEX1306211441		10.00	13.20	ug/L	132
06/23/93	LCSEXT931360	GCTEX1306222319		10.00	12.50	ug/L	125
06/24/93	LCSEXT931370	GCTEX1306222319		10.00	13.30	ug/L	133
08/24/93	LCS933635	GCTEX1308242018		10.00	8.88	ug/L	89
08/25/93	LCS933639	GCTEX1308242018		10.00	9.95	ug/L	99
09/22/93	LCS934522	GCTEX1309221032		10.00	10.90	ug/L	109
09/23/93	LCS934533	GCTEX1309221032		10.00	11.10	ug/L	111
09/23/93	LCS934664	GCTEX1309231506		10.00	9.99	ug/L	100
09/24/93	LCS934673	GCTEX1309231506		10.00	11.00	ug/L	110
10/06/93	LCS934897	GCTEX1310061111		10.00	10.30	ug/L	103
10/07/93	LCS934906	GCTEX1310061111		10.00	9.69	ug/L	97

Number of Samples	: 37	Below acceptance :	0
Mean % Recovery	: 104.2	Above acceptance :	0
Standard Deviation	: 16.04	Acceptance Criteria	NS

Method : SW8010 - Halogenated Volatile Organics*							
Spiked Analyte : Bromodichloromethane							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY1309150130		10.00	9.14	ug/L	91
09/16/93	LCS934250	GCJAY1309150130		10.00	8.38	ug/L	84
09/20/93	LCS934491	GCJAY1309201444		10.00	9.18	ug/L	92
09/21/93	LCS934506	GCJAY1309201444		10.00	9.45	ug/L	95
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	8.09	ug/L	81
06/21/93	LCS931309	GCPEA1306201359		10.00	8.12	ug/L	81
08/10/93	LCS933131	GCPEA1308101540		10.00	8.88	ug/L	89
08/11/93	LCS933141	GCPEA1308101540		10.00	9.12	ug/L	91

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Bromodichloromethane continued							
Type of Spike : Laboratory Control							
08/11/93	LCS933146	GCPEA1308101540		10.00	9.31	ug/L	93
08/16/93	LCS933413	GCPEA1308161047		10.00	8.53	ug/L	85
08/17/93	LCS933420	GCPEA1308161047		10.00	8.28	ug/L	83
10/04/93	LCS934882	GCPEA1310041056		10.00	10.30	ug/L	103
10/05/93	LCS934887	GCPEA1310041056		10.00	10.60	ug/L	106
10/05/93	LCS934889	GCPEA1310041056		10.00	10.60	ug/L	106
06/09/93	LCS93-850	GCQUE1306091614		10.00	6.92	ug/L	69
06/10/93	LCS93934	GCQUE1306091614		10.00	7.36	ug/L	74
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	8.82	ug/L	88
06/25/93	LCS931501	GCQUE1306241717		10.00	9.01	ug/L	90
06/28/93	LCS931554	GCQUE1306271713		10.00	8.43	ug/L	84
06/28/93	LCS931556	GCQUE1306271713		10.00	8.34	ug/L	83
09/22/93	LCS934526	GCQUE1309221453		10.00	9.11	ug/L	91
09/23/93	LCS934660	GCQUE1309221453		10.00	8.53	ug/L	85
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	9.69	ug/L	97
06/15/93	LCS931089	GCTEX1306141311		10.00	9.72	ug/L	97
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.10	ug/L	101
06/16/93	LCS931163	GCTEX1306152237		10.00	9.28	ug/L	93
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	10.10	ug/L	101
06/22/93	LCS931336	GCTEX1306211441		10.00	10.10	ug/L	101
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	9.72	ug/L	97
06/23/93	LCS931368	GCTEX1306222319		10.00	9.52	ug/L	95
08/24/93	LCS933634	GCTEX1308242018		10.00	8.77	ug/L	88
08/25/93	LCS933640	GCTEX1308242018		10.00	8.02	ug/L	80
09/22/93	LCS934519	GCTEX1309221032		10.00	9.04	ug/L	90
09/23/93	LCS934532	GCTEX1309221032		10.00	9.14	ug/L	91
09/23/93	LCS934663	GCTEX1309231506		10.00	8.85	ug/L	89
09/24/93	LCS934672	GCTEX1309231506		10.00	9.35	ug/L	94
10/06/93	LCS934895	GCTEX1310061111		10.00	8.61	ug/L	86
10/07/93	LCS934905	GCTEX1310061111		10.00	8.90	ug/L	89

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 90.3	Above acceptance :	0
Standard Deviation	: 8.19	Acceptance Criteria	.42-174

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Bromomethane							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY1309150130		10.00	5.94	ug/L	59
09/16/93	LCS934250	GCJAY1309150130		10.00	5.43	ug/L	54
09/20/93	LCS934491	GCJAY1309201444		10.00	6.33	ug/L	63
09/21/93	LCS934506	GCJAY1309201444		10.00	5.75	ug/L	57
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	6.60	ug/L	66
06/21/93	LCS931309	GCPEA1306201359		10.00	6.31	ug/L	63
08/10/93	LCS933131	GCPEA1308101540		10.00	5.66	ug/L	57
08/11/93	LCS933141	GCPEA1308101540		10.00	5.60	ug/L	56
08/11/93	LCS933146	GCPEA1308101540		10.00	5.46	ug/L	55
08/16/93	LCS933413	GCPEA1308161047		10.00	6.20	ug/L	62
08/17/93	LCS933420	GCPEA1308161047		10.00	5.41	ug/L	54
10/04/93	LCS934882	GCPEA1310041056		10.00	7.88	ug/L	79
10/05/93	LCS934887	GCPEA1310041056		10.00	7.98	ug/L	80
10/05/93	LCS934889	GCPEA1310041056		10.00	8.37	ug/L	84
06/09/93	LCS93-850	GCQUE1306091614		10.00	7.09	ug/L	71
06/10/93	LCS93934	GCQUE1306091614		10.00	7.71	ug/L	77
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	8.94	ug/L	89
06/25/93	LCS931501	GCQUE1306241717		10.00	8.53	ug/L	85
06/28/93	LCS931554	GCQUE1306271713		10.00	7.64	ug/L	76
06/28/93	LCS931556	GCQUE1306271713		10.00	7.69	ug/L	77
09/22/93	LCS934526	GCQUE1309221453		10.00	7.31	ug/L	73
09/23/93	LCS934660	GCQUE1309221453		10.00	6.60	ug/L	66
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	11.20	ug/L	112
06/15/93	LCS931089	GCTEX1306141311		10.00	13.30	ug/L	133
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	12.80	ug/L	128
06/16/93	LCS931163	GCTEX1306152237		10.00	11.60	ug/L	116
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	13.20	ug/L	132
06/22/93	LCS931336	GCTEX1306211441		10.00	11.50	ug/L	115
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	11.10	ug/L	111
06/23/93	LCS931368	GCTEX1306222319		10.00	10.50	ug/L	105
08/24/93	LCS933634	GCTEX1308242018		10.00	11.50	ug/L	115
08/25/93	LCS933640	GCTEX1308242018		10.00	10.70	ug/L	107
09/22/93	LCS934519	GCTEX1309221032		10.00	10.20	ug/L	102
09/23/93	LCS934532	GCTEX1309221032		10.00	10.30	ug/L	103
09/23/93	LCS934663	GCTEX1309231506		10.00	12.20	ug/L	122
09/24/93	LCS934672	GCTEX1309231506		10.00	11.90	ug/L	119
10/06/93	LCS934895	GCTEX1310061111		10.00	12.60	ug/L	126
10/07/93	LCS934905	GCTEX1310061111		10.00	12.30	ug/L	123

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 88.7	Above acceptance :	0
Standard Deviation	: 26.46	Acceptance Criteria	D-144

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Carbon tetrachloride							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY1309150130		10.00	11.50	ug/L	115
09/16/93	LCS934250	GCJAY1309150130		10.00	10.50	ug/L	105
09/20/93	LCS934491	GCJAY1309201444		10.00	11.60	ug/L	116
09/21/93	LCS934506	GCJAY1309201444		10.00	12.10	ug/L	121
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	9.75	ug/L	98
06/21/93	LCS931309	GCPEA1306201359		10.00	9.40	ug/L	94
08/10/93	LCS933131	GCPEA1308101540		10.00	11.60	ug/L	116
08/11/93	LCS933141	GCPEA1308101540		10.00	11.30	ug/L	113
08/11/93	LCS933146	GCPEA1308101540		10.00	11.40	ug/L	114
08/16/93	LCS933413	GCPEA1308161047		10.00	11.00	ug/L	110
08/17/93	LCS933420	GCPEA1308161047		10.00	11.10	ug/L	111
10/04/93	LCS934882	GCPEA1310041056		10.00	11.80	ug/L	118
10/05/93	LCS934887	GCPEA1310041056		10.00	12.90	ug/L	129
10/05/93	LCS934889	GCPEA1310041056		10.00	12.30	ug/L	123
06/09/93	LCS93-850	GCQUE1306091614		10.00	9.10	ug/L	91
06/10/93	LCS93934	GCQUE1306091614		10.00	10.60	ug/L	106
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	10.00	ug/L	100
06/25/93	LCS931501	GCQUE1306241717		10.00	9.76	ug/L	98
06/28/93	LCS931554	GCQUE1306271713		10.00	9.10	ug/L	91
06/28/93	LCS931556	GCQUE1306271713		10.00	9.28	ug/L	93
09/22/93	LCS934526	GCQUE1309221453		10.00	10.40	ug/L	104
09/23/93	LCS934660	GCQUE1309221453		10.00	10.50	ug/L	105
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	11.50	ug/L	115
06/15/93	LCS931089	GCTEX1306141311		10.00	10.90	ug/L	109
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	11.90	ug/L	119
06/16/93	LCS931163	GCTEX1306152237		10.00	10.80	ug/L	108
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	11.80	ug/L	118
06/22/93	LCS931336	GCTEX1306211441		10.00	11.60	ug/L	116
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	11.30	ug/L	113
06/23/93	LCS931368	GCTEX1306222319		10.00	10.70	ug/L	107
08/24/93	LCS933634	GCTEX1308242018		10.00	10.30	ug/L	103
08/25/93	LCS933640	GCTEX1308242018		10.00	9.50	ug/L	95
09/22/93	LCS934519	GCTEX1309221032		10.00	11.50	ug/L	115
09/23/93	LCS934532	GCTEX1309221032		10.00	11.00	ug/L	110
09/23/93	LCS934663	GCTEX1309231506		10.00	10.90	ug/L	109
09/24/93	LCS934672	GCTEX1309231506		10.00	11.50	ug/L	115
10/06/93	LCS934895	GCTEX1310061111		10.00	11.10	ug/L	111
10/07/93	LCS934905	GCTEX1310061111		10.00	11.10	ug/L	111

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 109.1	Above acceptance :	0
Standard Deviation	: 9.18	Acceptance Criteria	43-143

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Carbon tetrachloride continued							
Type of Spike : Matrix Spike							
Type of Spike : Matrix Spike							
09/21/93	06-MW-07-01 MS	GCJAY1309201444	ND	10.00	11.20	ug/L	112
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	ND	10.00	11.30	ug/L	113
06/21/93	10-MW-01-03 MS	GCPEA1306201359	ND	10.00	9.31	ug/L	93
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	ND	10.00	9.53	ug/L	95
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	10.60	ug/L	106
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	11.10	ug/L	111
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	10.30	ug/L	103
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	10.40	ug/L	104
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00	8.95	ug/L	89
06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	9.09	ug/L	91
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	8.52	ug/L	85
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	9.54	ug/L	95
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	10.10	ug/L	101
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	11.00	ug/L	110
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	11.00	ug/L	110
06/25/93	05-MW-01-03 MS	GCTEX1306250629	ND	10.00	10.40	ug/L	104
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	ND	10.00	10.50	ug/L	105
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	9.18	ug/L	92
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	9.90	ug/L	99
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.51	ug/L	95
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.24	ug/L	92
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.84	ug/L	88
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.92	ug/L	89

Number of Samples	: 23	Below acceptance :	0
Mean % Recovery	: 99.2	Above acceptance :	0
Standard Deviation	: 8.71	Acceptance Criteria	43-143

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : Chlorobenzene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	9.62	ug/L	96
09/16/93	LCS934250	GCJAY1309150130	10.00	8.53	ug/L	85
09/20/93	LCS934491	GCJAY1309201444	10.00	9.76	ug/L	98
09/21/93	LCS934506	GCJAY1309201444	10.00	9.88	ug/L	99
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	8.73	ug/L	87
06/21/93	LCS931309	GCPEA1306201359	10.00	8.45	ug/L	85
08/10/93	LCS933131	GCPEA1308101540	10.00	10.20	ug/L	102
08/11/93	LCS933141	GCPEA1308101540	10.00	10.40	ug/L	104
08/11/93	LCS933146	GCPEA1308101540	10.00	10.30	ug/L	103

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Chlorobenzene continued							
Type of Spike : Laboratory Control							
08/16/93	LCS933413	GCPEA1308161047		10.00	9.56	ug/L	96
08/17/93	LCS933420	GCPEA1308161047		10.00	9.56	ug/L	96
10/04/93	LCS934882	GCPEA1310041056		10.00	10.30	ug/L	103
10/05/93	LCS934887	GCPEA1310041056		10.00	11.30	ug/L	113
10/05/93	LCS934889	GCPEA1310041056		10.00	11.20	ug/L	112
06/09/93	LCS93-850	GCQUE1306091614		10.00	8.33	ug/L	83
06/10/93	LCS93934	GCQUE1306091614		10.00	9.75	ug/L	98
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	10.30	ug/L	103
06/25/93	LCS931501	GCQUE1306241717		10.00	10.10	ug/L	101
06/28/93	LCS931554	GCQUE1306271713		10.00	8.84	ug/L	88
06/28/93	LCS931556	GCQUE1306271713		10.00	9.83	ug/L	98
09/22/93	LCS934526	GCQUE1309221453		10.00	10.10	ug/L	101
09/23/93	LCS934660	GCQUE1309221453		10.00	9.47	ug/L	95
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	10.30	ug/L	103
06/15/93	LCS931089	GCTEX1306141311		10.00	9.91	ug/L	99
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.60	ug/L	106
06/16/93	LCS931163	GCTEX1306152237		10.00	9.84	ug/L	98
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	9.82	ug/L	98
06/22/93	LCS931336	GCTEX1306211441		10.00	10.70	ug/L	107
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	10.00	ug/L	100
06/23/93	LCS931368	GCTEX1306222319		10.00	8.82	ug/L	88
08/24/93	LCS933634	GCTEX1308242018		10.00	9.11	ug/L	91
08/25/93	LCS933640	GCTEX1308242018		10.00	8.30	ug/L	83
09/22/93	LCS934519	GCTEX1309221032		10.00	9.99	ug/L	100
09/23/93	LCS934532	GCTEX1309221032		10.00	9.80	ug/L	98
09/23/93	LCS934663	GCTEX1309231506		10.00	9.48	ug/L	95
09/24/93	LCS934672	GCTEX1309231506		10.00	9.88	ug/L	99
10/06/93	LCS934895	GCTEX1310061111		10.00	9.38	ug/L	94
10/07/93	LCS934905	GCTEX1310061111		10.00	9.30	ug/L	93

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 97.3	Above acceptance :	0
Standard Deviation	: 7.27	Acceptance Criteria	38-150

Type of Spike : Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY1309201444	ND	10.00	9.10	ug/L	91
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	ND	10.00	9.69	ug/L	97
06/21/93	10-MW-01-03 MS	GCPEA1306201359	ND	10.00	8.23	ug/L	82
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	ND	10.00	7.99	ug/L	80
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	9.91	ug/L	99
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	9.98	ug/L	100
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	9.05	ug/L	90
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	9.16	ug/L	92
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00	9.17	ug/L	92

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Chlorobenzene continued							
Type of Spike : Matrix Spike							
06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	8.57	ug/L	86
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	7.47	ug/L	75
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	8.83	ug/L	88
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	8.23	ug/L	82
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	8.94	ug/L	89
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	9.77	ug/L	98
06/25/93	05-MW-01-03 MS	GCTEX1306250629	ND	10.00	8.98	ug/L	90
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	ND	10.00	9.11	ug/L	91
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	7.11	ug/L	71
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	8.83	ug/L	88
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	8.53	ug/L	85
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	8.84	ug/L	88
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.14	ug/L	81
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	7.87	ug/L	79
Number of Samples : 23			Below acceptance : 0				
Mean % Recovery : 87.6			Above acceptance : 0				
Standard Deviation : 7.50			Acceptance Criteria -38-150				
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Chloroethane							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY1309150130		10.00	8.84	ug/L	88
09/16/93	LCS934250	GCJAY1309150130		10.00	7.85	ug/L	78
09/20/93	LCS934491	GCJAY1309201444		10.00	8.97	ug/L	90
09/21/93	LCS934506	GCJAY1309201444		10.00	8.22	ug/L	82
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	9.85	ug/L	99
06/21/93	LCS931309	GCPEA1306201359		10.00	9.15	ug/L	91
08/10/93	LCS933131	GCPEA1308101540		10.00	9.57	ug/L	96
08/11/93	LCS933141	GCPEA1308101540		10.00	9.52	ug/L	95
08/11/93	LCS933146	GCPEA1308101540		10.00	9.34	ug/L	93
08/16/93	LCS933413	GCPEA1308161047		10.00	9.84	ug/L	98
08/17/93	LCS933420	GCPEA1308161047		10.00	9.51	ug/L	95
10/04/93	LCS934882	GCPEA1310041056		10.00	9.64	ug/L	96
10/05/93	LCS934887	GCPEA1310041056		10.00	9.83	ug/L	98
10/05/93	LCS934889	GCPEA1310041056		10.00	9.80	ug/L	98
06/09/93	LCS93-850	GCQUE1306091614		10.00	8.58	ug/L	86
06/10/93	LCS93934	GCQUE1306091614		10.00	9.37	ug/L	94
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	12.50	ug/L	125
06/25/93	LCS931501	GCQUE1306241717		10.00	11.60	ug/L	116
06/28/93	LCS931554	GCQUE1306271713		10.00	11.10	ug/L	111
06/28/93	LCS931556	GCQUE1306271713		10.00	11.00	ug/L	110
09/22/93	LCS934526	GCQUE1309221453		10.00	9.01	ug/L	90

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Chloroethane continued							
Type of Spike : Laboratory Control							
09/23/93	LCS934660	GCQUE1309221453		10.00	7.85	ug/L	79
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	9.58	ug/L	96
06/15/93	LCS931089	GCTEX1306141311		10.00	10.40	ug/L	104
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.90	ug/L	109
06/16/93	LCS931163	GCTEX1306152237		10.00	9.52	ug/L	95
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	11.00	ug/L	110
06/22/93	LCS931336	GCTEX1306211441		10.00	10.60	ug/L	106
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	10.30	ug/L	103
06/23/93	LCS931368	GCTEX1306222319		10.00	9.58	ug/L	96
08/24/93	LCS933634	GCTEX1308242018		10.00	10.40	ug/L	104
08/25/93	LCS933640	GCTEX1308242018		10.00	10.10	ug/L	101
09/22/93	LCS934519	GCTEX1309221032		10.00	11.30	ug/L	113
09/23/93	LCS934532	GCTEX1309221032		10.00	10.20	ug/L	102
09/23/93	LCS934663	GCTEX1309231506		10.00	11.30	ug/L	113
09/24/93	LCS934672	GCTEX1309231506		10.00	11.00	ug/L	110
10/06/93	LCS934895	GCTEX1310061111		10.00	11.20	ug/L	112
10/07/93	LCS934905	GCTEX1310061111		10.00	11.10	ug/L	111

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 99.8	Above acceptance :	0
Standard Deviation	: 10.62	Acceptance Criteria	8-163

Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Chloroform							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY1309150130		10.00	11.70	ug/L	117
09/16/93	LCS934250	GCJAY1309150130		10.00	10.30	ug/L	103
09/20/93	LCS934491	GCJAY1309201444		10.00	11.20	ug/L	112
09/21/93	LCS934506	GCJAY1309201444		10.00	11.30	ug/L	113
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	9.55	ug/L	96
06/21/93	LCS931309	GCPEA1306201359		10.00	9.37	ug/L	94
08/10/93	LCS933131	GCPEA1308101540		10.00	10.60	ug/L	106
08/11/93	LCS933141	GCPEA1308101540		10.00	10.70	ug/L	107
08/11/93	LCS933146	GCPEA1308101540		10.00	10.70	ug/L	107
08/16/93	LCS933413	GCPEA1308161047		10.00	10.10	ug/L	101
08/17/93	LCS933420	GCPEA1308161047		10.00	10.10	ug/L	101
10/04/93	LCS934882	GCPEA1310041056		10.00	10.50	ug/L	105
10/05/93	LCS934887	GCPEA1310041056		10.00	11.40	ug/L	114
10/05/93	LCS934889	GCPEA1310041056		10.00	10.80	ug/L	108
06/09/93	LCS93-850	GCQUE1306091614		10.00	9.00	ug/L	90
06/10/93	LCS93934	GCQUE1306091614		10.00	9.78	ug/L	98
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	10.70	ug/L	107
06/25/93	LCS931501	GCQUE1306241717		10.00	9.71	ug/L	97

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Chloroform continued							
Type of Spike : Laboratory Control							
06/28/93	LCS931554	GCQUE1306271713		10.00	8.83	ug/L	88
06/28/93	LCS931556	GCQUE1306271713		10.00	9.71	ug/L	97
09/22/93	LCS934526	GCQUE1309221453		10.00	9.63	ug/L	96
09/23/93	LCS934660	GCQUE1309221453		10.00	9.81	ug/L	98
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	10.90	ug/L	109
06/15/93	LCS931089	GCTEX1306141311		10.00	10.50	ug/L	105
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	11.30	ug/L	113
06/16/93	LCS931163	GCTEX1306152237		10.00	10.30	ug/L	103
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	11.20	ug/L	112
06/22/93	LCS931336	GCTEX1306211441		10.00	11.20	ug/L	112
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	10.50	ug/L	105
06/23/93	LCS931368	GCTEX1306222319		10.00	10.30	ug/L	103
08/24/93	LCS933634	GCTEX1308242018		10.00	9.74	ug/L	97
08/25/93	LCS933640	GCTEX1308242018		10.00	9.14	ug/L	91
09/22/93	LCS934519	GCTEX1309221032		10.00	10.60	ug/L	106
09/23/93	LCS934532	GCTEX1309221032		10.00	10.60	ug/L	106
09/23/93	LCS934663	GCTEX1309231506		10.00	9.96	ug/L	100
09/24/93	LCS934672	GCTEX1309231506		10.00	10.50	ug/L	105
10/06/93	LCS934895	GCTEX1310061111		10.00	10.20	ug/L	102
10/07/93	LCS934905	GCTEX1310061111		10.00	9.99	ug/L	100

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 103.3	Above acceptance :	0
Standard Deviation	: 7.00	Acceptance Criteria	20-184

Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Chloromethane							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY1309150130		10.00	6.24	ug/L	62
09/16/93	LCS934250	GCJAY1309150130		10.00	5.33	ug/L	53
09/20/93	LCS934491	GCJAY1309201444		10.00	6.27	ug/L	63
09/21/93	LCS934506	GCJAY1309201444		10.00	5.91	ug/L	59
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	7.60	ug/L	76
06/21/93	LCS931309	GCPEA1306201359		10.00	6.82	ug/L	68
08/10/93	LCS933131	GCPEA1308101540		10.00	7.52	ug/L	75
08/11/93	LCS933141	GCPEA1308101540		10.00	7.42	ug/L	74
08/11/93	LCS933146	GCPEA1308101540		10.00	7.04	ug/L	70
08/16/93	LCS933413	GCPEA1308161047		10.00	7.41	ug/L	74
08/17/93	LCS933420	GCPEA1308161047		10.00	6.66	ug/L	67
10/04/93	LCS934882	GCPEA1310041056		10.00	7.52	ug/L	75
10/05/93	LCS934887	GCPEA1310041056		10.00	7.77	ug/L	78
10/05/93	LCS934889	GCPEA1310041056		10.00	7.98	ug/L	80
06/09/93	LCS93-850	GCQUE1306091614		10.00	7.55	ug/L	76

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Chloromethane continued							
Type of Spike : Laboratory Control							
06/10/93	LCS93934	GCQUE1306091614		10.00	8.24	ug/L	82
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	9.38	ug/L	94
06/25/93	LCS931501	GCQUE1306241717		10.00	9.62	ug/L	96
06/28/93	LCS931554	GCQUE1306271713		10.00	8.56	ug/L	86
06/28/93	LCS931556	GCQUE1306271713		10.00	8.59	ug/L	86
09/22/93	LCS934526	GCQUE1309221453		10.00	6.38	ug/L	64
09/23/93	LCS934660	GCQUE1309221453		10.00	7.02	ug/L	70
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	8.68	ug/L	87
06/15/93	LCS931089	GCTEX1306141311		10.00	8.62	ug/L	86
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	8.83	ug/L	88
06/16/93	LCS931163	GCTEX1306152237		10.00	8.66	ug/L	87
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	8.94	ug/L	89
06/22/93	LCS931336	GCTEX1306211441		10.00	9.20	ug/L	92
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	8.07	ug/L	81
06/23/93	LCS931368	GCTEX1306222319		10.00	8.34	ug/L	83
08/24/93	LCS933634	GCTEX1308242018		10.00	7.09	ug/L	71
08/25/93	LCS933640	GCTEX1308242018		10.00	6.13	ug/L	61
09/22/93	LCS934519	GCTEX1309221032		10.00	7.13	ug/L	71
09/23/93	LCS934532	GCTEX1309221032		10.00	7.02	ug/L	70
09/23/93	LCS934663	GCTEX1309231506		10.00	7.57	ug/L	76
09/24/93	LCS934672	GCTEX1309231506		10.00	7.45	ug/L	75
10/06/93	LCS934895	GCTEX1310061111		10.00	8.21	ug/L	82
10/07/93	LCS934905	GCTEX1310061111		10.00	7.55	ug/L	76

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 76.4	Above acceptance :	0
Standard Deviation	: 10.22	Acceptance Criteria	D-193

Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Dibromochloromethane							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY1309150130		10.00	8.93	ug/L	89
09/16/93	LCS934250	GCJAY1309150130		10.00	8.19	ug/L	82
09/20/93	LCS934491	GCJAY1309201444		10.00	8.94	ug/L	89
09/21/93	LCS934506	GCJAY1309201444		10.00	8.95	ug/L	90
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	7.74	ug/L	77
06/21/93	LCS931309	GCPEA1306201359		10.00	8.69	ug/L	87
08/10/93	LCS933131	GCPEA1308101540		10.00	8.27	ug/L	83
08/11/93	LCS933141	GCPEA1308101540		10.00	8.88	ug/L	89
08/11/93	LCS933146	GCPEA1308101540		10.00	8.98	ug/L	90
08/16/93	LCS933413	GCPEA1308161047		10.00	8.44	ug/L	84
08/17/93	LCS933420	GCPEA1308161047		10.00	8.12	ug/L	81
10/04/93	LCS934882	GCPEA1310041056		10.00	9.09	ug/L	91

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Dibromochloromethane continued							
Type of Spike : Laboratory Control							
10/05/93	LCS934887	GCPEA1310041056		10.00	9.08	ug/L	91
10/05/93	LCS934889	GCPEA1310041056		10.00	9.35	ug/L	94
06/09/93	LCS93-850	GCQUE1306091614		10.00	7.84	ug/L	78
06/10/93	LCS93934	GCQUE1306091614		10.00	9.26	ug/L	93
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	8.71	ug/L	87
06/25/93	LCS931501	GCQUE1306241717		10.00	9.25	ug/L	93
06/28/93	LCS931554	GCQUE1306271713		10.00	7.95	ug/L	79
06/28/93	LCS931556	GCQUE1306271713		10.00	8.93	ug/L	89
09/22/93	LCS934526	GCQUE1309221453		10.00	9.47	ug/L	95
09/23/93	LCS934660	GCQUE1309221453		10.00	9.34	ug/L	93
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	10.10	ug/L	101
06/15/93	LCS931089	GCTEX1306141311		10.00	9.66	ug/L	97
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.30	ug/L	103
06/16/93	LCS931163	GCTEX1306152237		10.00	9.53	ug/L	95
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	10.30	ug/L	103
06/22/93	LCS931336	GCTEX1306211441		10.00	10.20	ug/L	102
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	9.70	ug/L	97
06/23/93	LCS931368	GCTEX1306222319		10.00	10.20	ug/L	102
08/24/93	LCS933634	GCTEX1308242018		10.00	8.95	ug/L	89
08/25/93	LCS933640	GCTEX1308242018		10.00	8.76	ug/L	88
09/22/93	LCS934519	GCTEX1309221032		10.00	10.10	ug/L	101
09/23/93	LCS934532	GCTEX1309221032		10.00	10.20	ug/L	102
09/23/93	LCS934663	GCTEX1309231506		10.00	9.59	ug/L	96
09/24/93	LCS934672	GCTEX1309231506		10.00	9.99	ug/L	100
10/06/93	LCS934895	GCTEX1310061111		10.00	9.66	ug/L	97
10/07/93	LCS934905	GCTEX1310061111		10.00	9.61	ug/L	96

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 91.9	Above acceptance :	0
Standard Deviation	: 7.31	Acceptance Criteria	24-191

Type of Spike : Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY1309201444	ND	10.00	8.03	ug/L	80
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	ND	10.00	8.13	ug/L	81
06/21/93	10-MW-01-03 MS	GCPEA1306201359	ND	10.00	5.47	ug/L	55
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	ND	10.00	6.27	ug/L	63
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	8.97	ug/L	90
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	8.92	ug/L	89
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	0.22	10.00	7.13	ug/L	69
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	0.22	10.00	7.70	ug/L	75
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00	8.13	ug/L	81
06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	7.67	ug/L	77
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	6.64	ug/L	66
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	8.51	ug/L	85

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Dibromochloromethane continued							
Type of Spike : Matrix Spike							
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	9.25	ug/L	92
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	9.69	ug/L	97
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	9.22	ug/L	92
06/25/93	05-MW-01-03 MS	GCTEX1306250629	ND	10.00	9.23	ug/L	92
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	ND	10.00	9.85	ug/L	99
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	7.63	ug/L	76
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	8.26	ug/L	83
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	8.33	ug/L	83
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	8.84	ug/L	88
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	7.83	ug/L	78
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	7.72	ug/L	77

Number of Samples	: 23	Below acceptance :	0
Mean % Recovery	: 81.2	Above acceptance :	0
Standard Deviation	: 10.94	Acceptance Criteria	24-191

Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Dibromomethane							
Type of Spike : Laboratory Control							
09/15/93	LCS934245	GCJAY1309150130		10.00	8.48	ug/L	85
09/16/93	LCS934251	GCJAY1309150130		10.00	8.66	ug/L	87
09/20/93	LCS934496	GCJAY1309201444		10.00	8.17	ug/L	82
09/21/93	LCS934507	GCJAY1309201444		10.00	8.66	ug/L	87
06/20/93	LCSEXT931297	GCPEA1306201359		10.00	6.38	ug/L	64
06/21/93	LCSEXT931310	GCPEA1306201359		10.00	6.48	ug/L	65
08/10/93	LCS933130	GCPEA1308101540		10.00	7.45	ug/L	75
08/11/93	LCS933142	GCPEA1308101540		10.00	7.64	ug/L	76
08/11/93	LCS933147	GCPEA1308101540		10.00	8.39	ug/L	84
08/16/93	LCS933415	GCPEA1308161047		10.00	6.96	ug/L	70
08/17/93	LCS933421	GCPEA1308161047		10.00	6.80	ug/L	68
10/04/93	LCS934883	GCPEA1310041056		10.00	7.89	ug/L	79
10/05/93	LCS934890	GCPEA1310041056		10.00	8.98	ug/L	90
06/09/93	LCSEXT93923	GCQUE1306091614		10.00	7.64	ug/L	76
06/10/93	LCSEXT93930	GCQUE1306091614		10.00	6.80	ug/L	68
06/24/93	LCSEXT931420	GCQUE1306241717		10.00	8.61	ug/L	86
06/25/93	LCSEXT931502	GCQUE1306241717		10.00	7.38	ug/L	74
06/27/93	LCSEXT931540	GCQUE1306271713		10.00	8.64	ug/L	86
06/28/93	LCSEXT931555	GCQUE1306271713		10.00	7.73	ug/L	77
09/22/93	LCS934528	GCQUE1309221453		10.00	8.82	ug/L	88
09/23/93	LCS934661	GCQUE1309221453		10.00	8.51	ug/L	85
06/14/93	LCSEXT931078	GCTEX1306141311		10.00	9.82	ug/L	98
06/15/93	LCSEXT931091	GCTEX1306141311		10.00	11.10	ug/L	111
06/15/93	LCSEXTCAL931095	GCTEX1306152237		10.00	11.40	ug/L	114

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Dibromomethane continued							
Type of Spike : Laboratory Control							
06/16/93	LCSEXT931164	GCTEX1306152237		10.00	10.10	ug/L	101
06/21/93	LCSEXT931331	GCTEX1306211441		10.00	10.30	ug/L	103
06/22/93	LCSEXT931337	GCTEX1306211441		10.00	11.10	ug/L	111
06/23/93	LCSEXT931360	GCTEX1306222319		10.00	11.10	ug/L	111
06/24/93	LCSEXT931370	GCTEX1306222319		10.00	11.00	ug/L	110
08/24/93	LCS933635	GCTEX1308242018		10.00	7.50	ug/L	75
08/25/93	LCS933639	GCTEX1308242018		10.00	9.30	ug/L	93
09/22/93	LCS934522	GCTEX1309221032		10.00	10.80	ug/L	108
09/23/93	LCS934533	GCTEX1309221032		10.00	11.20	ug/L	112
09/23/93	LCS934664	GCTEX1309231506		10.00	9.39	ug/L	94
09/24/93	LCS934673	GCTEX1309231506		10.00	10.50	ug/L	105
10/06/93	LCS934897	GCTEX1310061111		10.00	9.50	ug/L	95
10/07/93	LCS934906	GCTEX1310061111		10.00	9.28	ug/L	93
Number of Samples : 37			Below acceptance : 0				
Mean % Recovery : 88.8			Above acceptance : 0				
Standard Deviation : 14.86			Acceptance Criteria NS				
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Methylene chloride							
Type of Spike : Laboratory Control							
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	8.39	ug/L	84
06/21/93	LCS931309	GCPEA1306201359		10.00	7.10	ug/L	71
06/09/93	LCS93-850	GCQUE1306091614		10.00	8.44	ug/L	84
06/10/93	LCS93934	GCQUE1306091614		10.00	9.33	ug/L	93
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	10.00	ug/L	100
06/25/93	LCS931501	GCQUE1306241717		10.00	8.96	ug/L	90
06/28/93	LCS931554	GCQUE1306271713		10.00	8.78	ug/L	88
06/28/93	LCS931556	GCQUE1306271713		10.00	9.05	ug/L	91
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	13.30	ug/L	133
06/15/93	LCS931089	GCTEX1306141311		10.00	13.00	ug/L	130
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.90	ug/L	109
06/16/93	LCS931163	GCTEX1306152237		10.00	12.00	ug/L	120
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	11.30	ug/L	113
06/22/93	LCS931336	GCTEX1306211441		10.00	12.40	ug/L	124
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	10.40	ug/L	104
06/23/93	LCS931368	GCTEX1306222319		10.00	8.45	ug/L	85
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 101.2			Above acceptance : 0				
Standard Deviation : 18.55			Acceptance Criteria NS				

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : Tetrachloroethene

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
09/15/93	LCS934242	GCJAY1309150130		10.00	11.20	ug/L	112
09/16/93	LCS934250	GCJAY1309150130		10.00	9.99	ug/L	100
09/20/93	LCS934491	GCJAY1309201444		10.00	10.90	ug/L	109
09/21/93	LCS934506	GCJAY1309201444		10.00	11.40	ug/L	114
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	9.74	ug/L	97
06/21/93	LCS931309	GCPEA1306201359		10.00	9.43	ug/L	94
08/10/93	LCS933131	GCPEA1308101540		10.00	12.30	ug/L	123
08/11/93	LCS933141	GCPEA1308101540		10.00	12.10	ug/L	121
08/11/93	LCS933146	GCPEA1308101540		10.00	12.00	ug/L	120
08/16/93	LCS933413	GCPEA1308161047		10.00	11.60	ug/L	116
08/17/93	LCS933420	GCPEA1308161047		10.00	11.70	ug/L	117
10/04/93	LCS934882	GCPEA1310041056		10.00	12.60	ug/L	126
10/05/93	LCS934887	GCPEA1310041056		10.00	12.70	ug/L	127
10/05/93	LCS934889	GCPEA1310041056		10.00	12.80	ug/L	128
06/09/93	LCS93-850	GCQUE1306091614		10.00	8.76	ug/L	88
06/10/93	LCS93934	GCQUE1306091614		10.00	10.70	ug/L	107
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	12.00	ug/L	120
06/25/93	LCS931501	GCQUE1306241717		10.00	11.70	ug/L	117
06/28/93	LCS931554	GCQUE1306271713		10.00	10.10	ug/L	101
06/28/93	LCS931556	GCQUE1306271713		10.00	10.30	ug/L	103
09/22/93	LCS934526	GCQUE1309221453		10.00	11.10	ug/L	111
09/23/93	LCS934660	GCQUE1309221453		10.00	11.60	ug/L	116
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	11.20	ug/L	112
06/15/93	LCS931089	GCTEX1306141311		10.00	10.40	ug/L	104
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	11.40	ug/L	114
06/16/93	LCS931163	GCTEX1306152237		10.00	10.40	ug/L	104
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	11.50	ug/L	115
06/22/93	LCS931336	GCTEX1306211441		10.00	11.70	ug/L	117
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	10.90	ug/L	109
06/23/93	LCS931368	GCTEX1306222319		10.00	10.60	ug/L	106
08/24/93	LCS933634	GCTEX1308242018		10.00	9.99	ug/L	100
08/25/93	LCS933640	GCTEX1308242018		10.00	9.16	ug/L	92
09/22/93	LCS934519	GCTEX1309221032		10.00	11.20	ug/L	112
09/23/93	LCS934532	GCTEX1309221032		10.00	10.70	ug/L	107
09/23/93	LCS934663	GCTEX1309231506		10.00	10.60	ug/L	106
09/24/93	LCS934672	GCTEX1309231506		10.00	11.10	ug/L	111
10/06/93	LCS934895	GCTEX1310061111		10.00	10.60	ug/L	106
10/07/93	LCS934905	GCTEX1310061111		10.00	10.50	ug/L	105

Number of Samples : 38
Mean % Recovery : 110.2
Standard Deviation : 9.55
Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 26-162

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : Tribromomethane(Bromoform)

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
09/15/93	LCS934242	GCJAY1309150130		10.00	7.96	ug/L	80
09/16/93	LCS934250	GCJAY1309150130		10.00	6.99	ug/L	70
09/20/93	LCS934491	GCJAY1309201444		10.00	7.99	ug/L	80
09/21/93	LCS934506	GCJAY1309201444		10.00	7.62	ug/L	76
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	5.21	ug/L	52
06/21/93	LCS931309	GCPEA1306201359		10.00	5.74	ug/L	57
08/10/93	LCS933131	GCPEA1308101540		10.00	6.39	ug/L	64
08/11/93	LCS933141	GCPEA1308101540		10.00	7.04	ug/L	70
08/11/93	LCS933146	GCPEA1308101540		10.00	7.16	ug/L	72
08/16/93	LCS933413	GCPEA1308161047		10.00	6.71	ug/L	67
08/17/93	LCS933420	GCPEA1308161047		10.00	6.13	ug/L	61
10/04/93	LCS934882	GCPEA1310041056		10.00	8.08	ug/L	81
10/05/93	LCS934887	GCPEA1310041056		10.00	7.95	ug/L	79
10/05/93	LCS934889	GCPEA1310041056		10.00	8.41	ug/L	84
06/09/93	LCS93-850	GCQUE1306091614		10.00	7.88	ug/L	79
06/10/93	LCS93934	GCQUE1306091614		10.00	8.77	ug/L	88
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	7.79	ug/L	78
06/25/93	LCS931501	GCQUE1306241717		10.00	8.18	ug/L	82
06/28/93	LCS931554	GCQUE1306271713		10.00	6.60	ug/L	66
06/28/93	LCS931556	GCQUE1306271713		10.00	8.31	ug/L	83
09/22/93	LCS934526	GCQUE1309221453		10.00	10.20	ug/L	102
09/23/93	LCS934660	GCQUE1309221453		10.00	9.87	ug/L	99
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	9.02	ug/L	90
06/15/93	LCS931089	GCTEX1306141311		10.00	8.72	ug/L	87
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	8.83	ug/L	88
06/16/93	LCS931163	GCTEX1306152237		10.00	8.48	ug/L	85
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	9.00	ug/L	90
06/22/93	LCS931336	GCTEX1306211441		10.00	9.47	ug/L	95
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	9.00	ug/L	90
06/23/93	LCS931368	GCTEX1306222319		10.00	8.63	ug/L	86
08/24/93	LCS933634	GCTEX1308242018		10.00	7.26	ug/L	73
08/25/93	LCS933640	GCTEX1308242018		10.00	7.08	ug/L	71
09/22/93	LCS934519	GCTEX1309221032		10.00	8.71	ug/L	87
09/23/93	LCS934532	GCTEX1309221032		10.00	8.48	ug/L	85
09/23/93	LCS934663	GCTEX1309231506		10.00	8.20	ug/L	82
09/24/93	LCS934672	GCTEX1309231506		10.00	8.40	ug/L	84
10/06/93	LCS934895	GCTEX1310061111		10.00	8.06	ug/L	81
10/07/93	LCS934905	GCTEX1310061111		10.00	7.57	ug/L	76

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 79.5	Above acceptance :	0
Standard Deviation	: 10.97	Acceptance Criteria	13-159

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Trichloroethene							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY1309150130		10.00	11.00	ug/L	110
09/16/93	LCS934250	GCJAY1309150130		10.00	9.27	ug/L	93
09/20/93	LCS934491	GCJAY1309201444		10.00	11.00	ug/L	110
09/21/93	LCS934506	GCJAY1309201444		10.00	11.60	ug/L	116
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	9.38	ug/L	94
06/21/93	LCS931309	GCPEA1306201359		10.00	9.02	ug/L	90
08/10/93	LCS933131	GCPEA1308101540		10.00	11.00	ug/L	110
08/11/93	LCS933141	GCPEA1308101540		10.00	10.90	ug/L	109
08/11/93	LCS933146	GCPEA1308101540		10.00	10.90	ug/L	109
08/16/93	LCS933413	GCPEA1308161047		10.00	10.30	ug/L	103
08/17/93	LCS933420	GCPEA1308161047		10.00	10.20	ug/L	102
10/04/93	LCS934882	GCPEA1310041056		10.00	11.00	ug/L	110
10/05/93	LCS934887	GCPEA1310041056		10.00	11.80	ug/L	118
10/05/93	LCS934889	GCPEA1310041056		10.00	11.40	ug/L	114
06/09/93	LCS93-850	GCQUE1306091614		10.00	9.27	ug/L	93
06/10/93	LCS93934	GCQUE1306091614		10.00	10.60	ug/L	106
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	11.10	ug/L	111
06/25/93	LCS931501	GCQUE1306241717		10.00	9.68	ug/L	97
06/28/93	LCS931554	GCQUE1306271713		10.00	9.10	ug/L	91
06/28/93	LCS931556	GCQUE1306271713		10.00	9.15	ug/L	92
09/22/93	LCS934526	GCQUE1309221453		10.00	10.70	ug/L	107
09/23/93	LCS934660	GCQUE1309221453		10.00	10.60	ug/L	106
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	10.70	ug/L	107
06/15/93	LCS931089	GCTEX1306141311		10.00	10.30	ug/L	103
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	11.00	ug/L	110
06/16/93	LCS931163	GCTEX1306152237		10.00	10.20	ug/L	102
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	11.30	ug/L	113
06/22/93	LCS931336	GCTEX1306211441		10.00	11.70	ug/L	117
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	11.20	ug/L	112
06/23/93	LCS931368	GCTEX1306222319		10.00	10.60	ug/L	106
08/24/93	LCS933634	GCTEX1308242018		10.00	9.87	ug/L	99
08/25/93	LCS933640	GCTEX1308242018		10.00	9.00	ug/L	90
09/22/93	LCS934519	GCTEX1309221032		10.00	10.60	ug/L	106
09/23/93	LCS934532	GCTEX1309221032		10.00	10.60	ug/L	106
09/23/93	LCS934663	GCTEX1309231506		10.00	10.40	ug/L	104
09/24/93	LCS934672	GCTEX1309231506		10.00	10.90	ug/L	109
10/06/93	LCS934895	GCTEX1310061111		10.00	9.88	ug/L	99
10/07/93	LCS934905	GCTEX1310061111		10.00	9.78	ug/L	98

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 104.5	Above acceptance :	0
Standard Deviation	: 7.85	Acceptance Criteria	35-146

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Trichloroethene continued							
Type of Spike : Matrix Spike							
Type of Spike : Matrix Spike							
09/21/93	06-MW-07-01 MS	GCJAY1309201444	ND	10.00	9.38	ug/L	94
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	ND	10.00	9.52	ug/L	95
06/21/93	10-MW-01-03 MS	GCPEA1306201359	0.26	10.00	9.94	ug/L	97
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	0.26	10.00	10.00	ug/L	98
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	10.00	ug/L	100
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	10.10	ug/L	101
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	8.37	ug/L	84
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	8.52	ug/L	85
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00	7.71	ug/L	77
06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	7.46	ug/L	75
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	7.00	ug/L	70
06/16/93	10-MW-01-03	GCTEX1306152237	0.51	10.00	11.20	ug/L	107
06/16/93	10-MW-01-03	GCTEX1306152237	0.51	10.00	10.40	ug/L	99
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	0.48	10.00	10.70	ug/L	103
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	0.48	10.00	11.00	ug/L	105
06/25/93	05-MW-01-03 MS	GCTEX1306250629	ND	10.00	10.80	ug/L	108
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	ND	10.00	11.00	ug/L	110
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	9.32	ug/L	93
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	9.96	ug/L	100
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.68	ug/L	97
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.26	ug/L	93
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	9.08	ug/L	91
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	9.14	ug/L	91

Number of Samples	: 23	Below acceptance :	0
Mean % Recovery	: 94.5	Above acceptance :	0
Standard Deviation	: 10.50	Acceptance Criteria	35-146

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : Trichlorofluoromethane

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	7.36	ug/L	74
09/16/93	LCS934250	GCJAY1309150130	10.00	6.81	ug/L	68
09/20/93	LCS934491	GCJAY1309201444	10.00	10.30	ug/L	103
09/21/93	LCS934506	GCJAY1309201444	10.00	11.00	ug/L	110
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	7.85	ug/L	79
06/21/93	LCS931309	GCPEA1306201359	10.00	7.18	ug/L	72
08/10/93	LCS933131	GCPEA1308101540	10.00	9.32	ug/L	93
08/11/93	LCS933141	GCPEA1308101540	10.00	9.19	ug/L	92
08/11/93	LCS933146	GCPEA1308101540	10.00	8.95	ug/L	89

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Trichlorofluoromethane continued							
Type of Spike : Laboratory Control							
08/16/93	LCS933413	GCPEA1308161047		10.00	9.19	ug/L	92
08/17/93	LCS933420	GCPEA1308161047		10.00	9.27	ug/L	93
10/04/93	LCS934882	GCPEA1310041056		10.00	9.41	ug/L	94
10/05/93	LCS934887	GCPEA1310041056		10.00	9.43	ug/L	94
10/05/93	LCS934889	GCPEA1310041056		10.00	10.10	ug/L	101
06/09/93	LCS93-850	GCQUE1306091614		10.00	6.23	ug/L	62
06/10/93	LCS93934	GCQUE1306091614		10.00	7.12	ug/L	71
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	9.60	ug/L	96
06/25/93	LCS931501	GCQUE1306241717		10.00	8.44	ug/L	84
06/28/93	LCS931554	GCQUE1306271713		10.00	7.71	ug/L	77
06/28/93	LCS931556	GCQUE1306271713		10.00	7.64	ug/L	76
09/22/93	LCS934526	GCQUE1309221453		10.00	9.32	ug/L	93
09/23/93	LCS934660	GCQUE1309221453		10.00	9.15	ug/L	92
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	8.25	ug/L	82
06/15/93	LCS931089	GCTEX1306141311		10.00	8.54	ug/L	85
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	9.56	ug/L	96
06/16/93	LCS931163	GCTEX1306152237		10.00	7.87	ug/L	79
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	9.35	ug/L	94
06/22/93	LCS931336	GCTEX1306211441		10.00	9.12	ug/L	91
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	8.79	ug/L	88
06/23/93	LCS931368	GCTEX1306222319		10.00	8.17	ug/L	82
08/24/93	LCS933634	GCTEX1308242018		10.00	8.87	ug/L	89
08/25/93	LCS933640	GCTEX1308242018		10.00	9.19	ug/L	92
09/22/93	LCS934519	GCTEX1309221032		10.00	9.93	ug/L	99
09/23/93	LCS934532	GCTEX1309221032		10.00	8.75	ug/L	88
09/23/93	LCS934663	GCTEX1309231506		10.00	10.60	ug/L	106
09/24/93	LCS934672	GCTEX1309231506		10.00	9.98	ug/L	100
10/06/93	LCS934895	GCTEX1310061111		10.00	9.69	ug/L	97
10/07/93	LCS934905	GCTEX1310061111		10.00	9.71	ug/L	97

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 88.7	Above acceptance :	0
Standard Deviation	: 10.83	Acceptance Criteria	21-156

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : Vinyl chloride

Type of Spike : Laboratory Control

06/20/93	LCSCAL931294	GCPEA1306201359	10.00	11.50	ug/L	115
06/21/93	LCS931309	GCPEA1306201359	10.00	10.90	ug/L	109
06/09/93	LCS93-850	GCQUE1306091614	10.00	8.84	ug/L	88
06/10/93	LCS93934	GCQUE1306091614	10.00	9.98	ug/L	100
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	13.20	ug/L	132
06/25/93	LCS931501	GCQUE1306241717	10.00	12.60	ug/L	126

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Vinyl chloride continued							
Type of Spike : Laboratory Control							
06/28/93	LCS931554	GCQUE1306271713		10.00	11.80	ug/L	118
06/28/93	LCS931556	GCQUE1306271713		10.00	11.40	ug/L	114
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	11.80	ug/L	118
06/15/93	LCS931089	GCTEX1306141311		10.00	13.90	ug/L	139
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	13.80	ug/L	138
06/16/93	LCS931163	GCTEX1306152237		10.00	11.70	ug/L	117
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	13.90	ug/L	139
06/22/93	LCS931336	GCTEX1306211441		10.00	13.30	ug/L	133
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	13.40	ug/L	134
06/23/93	LCS931368	GCTEX1306222319		10.00	11.90	ug/L	119
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 121.2			Above acceptance : 0				
Standard Deviation : 14.59			Acceptance Criteria : NS				
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : cis-1,2-Dichloroethene							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY1309150130		10.00	10.60	ug/L	106
09/16/93	LCS934250	GCJAY1309150130		10.00	9.29	ug/L	93
08/10/93	LCS933131	GCPEA1308101540		10.00	10.50	ug/L	105
08/11/93	LCS933141	GCPEA1308101540		10.00	10.60	ug/L	106
08/11/93	LCS933146	GCPEA1308101540		10.00	10.40	ug/L	104
08/16/93	LCS933413	GCPEA1308161047		10.00	9.98	ug/L	100
08/17/93	LCS933420	GCPEA1308161047		10.00	9.91	ug/L	99
10/06/93	LCS934895	GCTEX1310061111		10.00	9.29	ug/L	93
10/07/93	LCS934905	GCTEX1310061111		10.00	9.26	ug/L	93
Number of Samples : 9			Below acceptance : 0				
Mean % Recovery : 99.9			Above acceptance : 0				
Standard Deviation : 5.71			Acceptance Criteria : NS				

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : cis-1,3-Dichloropropene

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
09/15/93	LCS934242	GCJAY1309150130		10.00	8.93	ug/L	89
09/16/93	LCS934250	GCJAY1309150130		10.00	7.73	ug/L	77
09/20/93	LCS934491	GCJAY1309201444		10.00	8.83	ug/L	88
09/21/93	LCS934506	GCJAY1309201444		10.00	8.21	ug/L	82
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	8.40	ug/L	84
06/21/93	LCS931309	GCPEA1306201359		10.00	8.30	ug/L	83
08/10/93	LCS933131	GCPEA1308101540		10.00	8.98	ug/L	90
08/11/93	LCS933141	GCPEA1308101540		10.00	9.12	ug/L	91
08/11/93	LCS933146	GCPEA1308101540		10.00	9.19	ug/L	92
08/16/93	LCS933413	GCPEA1308161047		10.00	8.74	ug/L	87
08/17/93	LCS933420	GCPEA1308161047		10.00	8.49	ug/L	85
10/04/93	LCS934882	GCPEA1310041056		10.00	8.85	ug/L	89
10/05/93	LCS934887	GCPEA1310041056		10.00	8.96	ug/L	90
10/05/93	LCS934889	GCPEA1310041056		10.00	9.01	ug/L	90
06/09/93	LCS93-850	GCQUE1306091614		10.00	7.29	ug/L	73
06/10/93	LCS93934	GCQUE1306091614		10.00	8.59	ug/L	86
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	8.95	ug/L	90
06/25/93	LCS931501	GCQUE1306241717		10.00	8.63	ug/L	86
06/28/93	LCS931554	GCQUE1306271713		10.00	7.71	ug/L	77
06/28/93	LCS931556	GCQUE1306271713		10.00	8.31	ug/L	83
09/22/93	LCS934526	GCQUE1309221453		10.00	8.34	ug/L	83
09/23/93	LCS934660	GCQUE1309221453		10.00	8.28	ug/L	83
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	9.98	ug/L	100
06/15/93	LCS931089	GCTEX1306141311		10.00	9.93	ug/L	99
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.20	ug/L	102
06/16/93	LCS931163	GCTEX1306152237		10.00	9.65	ug/L	96
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	10.70	ug/L	107
06/22/93	LCS931336	GCTEX1306211441		10.00	10.20	ug/L	102
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	9.76	ug/L	98
06/23/93	LCS931368	GCTEX1306222319		10.00	9.25	ug/L	92
08/24/93	LCS933634	GCTEX1308242018		10.00	8.92	ug/L	89
08/25/93	LCS933640	GCTEX1308242018		10.00	8.27	ug/L	83
09/22/93	LCS934519	GCTEX1309221032		10.00	9.76	ug/L	98
09/23/93	LCS934532	GCTEX1309221032		10.00	9.52	ug/L	95
09/23/93	LCS934663	GCTEX1309231506		10.00	9.17	ug/L	92
09/24/93	LCS934672	GCTEX1309231506		10.00	9.73	ug/L	97
10/06/93	LCS934895	GCTEX1310061111		10.00	9.43	ug/L	94
10/07/93	LCS934905	GCTEX1310061111		10.00	9.08	ug/L	91

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 89.8	Above acceptance :	0
Standard Deviation	: 7.48	Acceptance Criteria	22-178

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : trans-1,2-Dichloroethene

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
09/15/93	LCS934242	GCJAY1309150130		10.00	10.50	ug/L	105
09/16/93	LCS934250	GCJAY1309150130		10.00	9.19	ug/L	92
09/20/93	LCS934491	GCJAY1309201444		10.00	10.40	ug/L	104
09/21/93	LCS934506	GCJAY1309201444		10.00	10.20	ug/L	102
06/20/93	LCSCAL931294	GCPEA1306201359		10.00	9.12	ug/L	91
06/21/93	LCS931309	GCPEA1306201359		10.00	8.83	ug/L	88
08/10/93	LCS933131	GCPEA1308101540		10.00	11.20	ug/L	112
08/11/93	LCS933141	GCPEA1308101540		10.00	10.90	ug/L	109
08/11/93	LCS933146	GCPEA1308101540		10.00	10.70	ug/L	107
08/16/93	LCS933413	GCPEA1308161047		10.00	10.60	ug/L	106
08/17/93	LCS933420	GCPEA1308161047		10.00	10.40	ug/L	104
10/04/93	LCS934882	GCPEA1310041056		10.00	11.60	ug/L	116
10/05/93	LCS934887	GCPEA1310041056		10.00	12.00	ug/L	120
10/05/93	LCS934889	GCPEA1310041056		10.00	11.40	ug/L	114
06/09/93	LCS93-850	GCQUE1306091614		10.00	7.72	ug/L	77
06/10/93	LCS93934	GCQUE1306091614		10.00	8.62	ug/L	86
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	9.46	ug/L	95
06/25/93	LCS931501	GCQUE1306241717		10.00	8.98	ug/L	90
06/28/93	LCS931554	GCQUE1306271713		10.00	8.26	ug/L	83
06/28/93	LCS931556	GCQUE1306271713		10.00	8.10	ug/L	81
09/22/93	LCS934526	GCQUE1309221453		10.00	9.34	ug/L	93
09/23/93	LCS934660	GCQUE1309221453		10.00	9.12	ug/L	91
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	10.90	ug/L	109
06/15/93	LCS931089	GCTEX1306141311		10.00	10.90	ug/L	109
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	11.30	ug/L	113
06/16/93	LCS931163	GCTEX1306152237		10.00	10.70	ug/L	107
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	11.60	ug/L	116
06/22/93	LCS931336	GCTEX1306211441		10.00	11.70	ug/L	117
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	11.00	ug/L	110
06/23/93	LCS931368	GCTEX1306222319		10.00	10.10	ug/L	101
08/24/93	LCS933634	GCTEX1308242018		10.00	10.10	ug/L	101
08/25/93	LCS933640	GCTEX1308242018		10.00	9.05	ug/L	90
09/22/93	LCS934519	GCTEX1309221032		10.00	10.60	ug/L	106
09/23/93	LCS934532	GCTEX1309221032		10.00	10.20	ug/L	102
09/23/93	LCS934663	GCTEX1309231506		10.00	10.40	ug/L	104
09/24/93	LCS934672	GCTEX1309231506		10.00	10.70	ug/L	107
10/06/93	LCS934895	GCTEX1310061111		10.00	10.50	ug/L	105
10/07/93	LCS934905	GCTEX1310061111		10.00	10.20	ug/L	102

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 101.7	Above acceptance :	0
Standard Deviation	: 10.77	Acceptance Criteria	38-155

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : trans-1,2-Dichloroethene continued							
Type of Spike : Matrix Spike							
09/21/93	06-MW-07-01 MS	GCJAY1309201444	ND	10.00	10.50	ug/L	105
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	ND	10.00	11.00	ug/L	110
06/21/93	10-MW-01-03 MS	GCPEA1306201359	ND	10.00	9.16	ug/L	92
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	ND	10.00	9.44	ug/L	94
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	11.10	ug/L	111
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	11.20	ug/L	112
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	7.65	ug/L	76
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	9.04	ug/L	90
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00	9.82	ug/L	98
06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	9.29	ug/L	93
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	8.27	ug/L	83
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	10.30	ug/L	103
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	9.55	ug/L	95
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	10.60	ug/L	106
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	10.70	ug/L	107
06/25/93	05-MW-01-03 MS	GCTEX1306250629	ND	10.00	10.40	ug/L	104
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	ND	10.00	10.50	ug/L	105
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	9.03	ug/L	90
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	9.89	ug/L	99
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.22	ug/L	92
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	8.70	ug/L	87
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.74	ug/L	87
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.94	ug/L	89

Number of Samples	: 23	Below acceptance :	0
Mean % Recovery	: 96.9	Above acceptance :	0
Standard Deviation	: 9.69	Acceptance Criteria	38-155

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : trans-1,3-Dichloropropene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	8.66	ug/L	87
09/16/93	LCS934250	GCJAY1309150130	10.00	7.65	ug/L	77
09/20/93	LCS934491	GCJAY1309201444	10.00	8.54	ug/L	85
09/21/93	LCS934506	GCJAY1309201444	10.00	8.35	ug/L	83
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	8.21	ug/L	82
06/21/93	LCS931309	GCPEA1306201359	10.00	8.12	ug/L	81
08/10/93	LCS933131	GCPEA1308101540	10.00	8.65	ug/L	87
08/11/93	LCS933141	GCPEA1308101540	10.00	8.52	ug/L	85
08/11/93	LCS933146	GCPEA1308101540	10.00	8.78	ug/L	88

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : trans-1,3-Dichloropropene continued							
Type of Spike : Laboratory Control							
08/16/93	LCS933413	GCPEA1308161047		10.00	8.54	ug/L	85
08/17/93	LCS933420	GCPEA1308161047		10.00	8.04	ug/L	80
10/04/93	LCS934882	GCPEA1310041056		10.00	9.00	ug/L	90
10/05/93	LCS934887	GCPEA1310041056		10.00	8.95	ug/L	89
10/05/93	LCS934889	GCPEA1310041056		10.00	8.74	ug/L	87
06/09/93	LCS93-850	GCQUE1306091614		10.00	7.72	ug/L	77
06/10/93	LCS93934	GCQUE1306091614		10.00	8.90	ug/L	89
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	10.00	ug/L	100
06/25/93	LCS931501	GCQUE1306241717		10.00	9.35	ug/L	93
06/28/93	LCS931554	GCQUE1306271713		10.00	8.25	ug/L	82
06/28/93	LCS931556	GCQUE1306271713		10.00	8.81	ug/L	88
09/22/93	LCS934526	GCQUE1309221453		10.00	8.30	ug/L	83
09/23/93	LCS934660	GCQUE1309221453		10.00	7.94	ug/L	79
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	11.30	ug/L	113
06/15/93	LCS931089	GCTEX1306141311		10.00	10.90	ug/L	109
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	11.00	ug/L	110
06/16/93	LCS931163	GCTEX1306152237		10.00	10.60	ug/L	106
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	11.70	ug/L	117
06/22/93	LCS931336	GCTEX1306211441		10.00	11.00	ug/L	110
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	10.60	ug/L	106
06/23/93	LCS931368	GCTEX1306222319		10.00	9.97	ug/L	100
08/24/93	LCS933634	GCTEX1308242018		10.00	9.26	ug/L	93
08/25/93	LCS933640	GCTEX1308242018		10.00	8.51	ug/L	85
09/22/93	LCS934519	GCTEX1309221032		10.00	10.30	ug/L	103
09/23/93	LCS934532	GCTEX1309221032		10.00	10.20	ug/L	102
09/23/93	LCS934663	GCTEX1309231506		10.00	9.78	ug/L	98
09/24/93	LCS934672	GCTEX1309231506		10.00	9.97	ug/L	100
10/06/93	LCS934895	GCTEX1310061111		10.00	9.48	ug/L	95
10/07/93	LCS934905	GCTEX1310061111		10.00	9.26	ug/L	93

Number of Samples	: 38	Below acceptance :	0
Mean % Recovery	: 92.6	Above acceptance :	0
Standard Deviation	: 10.92	Acceptance Criteria	22-178

Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,4-Bromofluorobenzene							
Type of Spike : Surrogate - Ambient Blank							
09/23/93	AB-08	GCJAY1309231030		20.00	18.70	ug/L	93
09/24/93	AB-09	GCJAY1309231030		20.00	17.60	ug/L	88
06/24/93	BA-04	GCQUE1306231533		20.00	15.00	ug/L	75
06/25/93	BA-06	GCQUE1306241717		20.00	13.10	ug/L	66
06/25/93	BA-08	GCQUE1306241717		20.00	15.30	ug/L	76
06/25/93	BA-09	GCQUE1306241717		20.00	16.40	ug/L	82

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,4-Bromofluorobenzene continued							
Type of Spike : Surrogate - Ambient Blank							
06/28/93	BA-05	GCQUE1306271713		20.00	14.60	ug/L	73
06/15/93	BA-01	GCTEX1306141311		20.00	15.10	ug/L	75
06/16/93	BA-02	GCTEX1306152237		20.00	19.60	ug/L	98
06/25/93	BA-07	GCTEX1306250629		20.00	17.10	ug/L	86
09/23/93	AB-07	GCTEX1309221032		20.00	17.60	ug/L	88
09/24/93	AB-10	GCTEX1309231506		20.00	14.90	ug/L	75
09/24/93	AB-11	GCTEX1309231506		20.00	14.10	ug/L	71
Number of Samples : 13			Below acceptance : 0				
Mean % Recovery : 80.5			Above acceptance : 0				
Standard Deviation : 9.47			Acceptance Criteria 59-142				
Type of Spike : Surrogate - Equipment Blank							
06/30/93	04-MW-01-EB-03	GCQUE1306291223		20.00	13.70	ug/L	68
10/07/93	08-GP-01-EB-01	GCTEX1310061111		20.00	14.00	ug/L	70
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 69.0			Above acceptance : 0				
Standard Deviation : 1.41			Acceptance Criteria 59-142				
Type of Spike : Surrogate - Field Duplicate							
09/21/93	06-MW-07-DS-01	GCJAY1309201444		20.00	19.00	ug/L	95
10/04/93	08-SW-01-DS-01	GCPEA1310041056		20.00	21.20	ug/L	106
06/10/93	12-MW-02-DS-03	GCQUE1306091614		20.00	13.70	ug/L	68
06/25/93	02-GW-03-DS-03	GCQUE1306241717		20.00	15.60	ug/L	78
06/30/93	05-MW-03-DS-03	GCQUE1306291223		20.00	13.90	ug/L	69
06/22/93	07-MW-02-DS-03	GCTEX1306211441		20.00	18.50	ug/L	92
09/24/93	05-MW-14-DS-01	GCTEX1309231506		20.00	15.60	ug/L	78
Number of Samples : 7			Below acceptance : 0				
Mean % Recovery : 83.7			Above acceptance : 0				
Standard Deviation : 14.27			Acceptance Criteria 59-142				
Type of Spike : Surrogate - Laboratory Control							
09/15/93	LCS934242	GCJAY1309150130		20.00	21.60	ug/L	108
09/15/93	LCS934245	GCJAY1309150130		20.00	22.00	ug/L	110
09/16/93	LCS934250	GCJAY1309150130		20.00	21.60	ug/L	108
09/16/93	LCS934251	GCJAY1309150130		20.00	20.20	ug/L	101
09/20/93	LCS934491	GCJAY1309201444		20.00	20.60	ug/L	103
09/20/93	LCS934496	GCJAY1309201444		20.00	18.50	ug/L	92

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,4-Bromofluorobenzene continued							
Type of Spike : Surrogate - Laboratory Control							
09/21/93	LCS934506	GCJAY1309201444		20.00	21.80	ug/L	109
09/21/93	LCS934507	GCJAY1309201444		20.00	20.20	ug/L	101
06/20/93	LCSCAL931294	GCPEA1306201359		20.00	15.40	ug/L	77
06/20/93	LCSEXT931297	GCPEA1306201359		20.00	11.10	ug/L	56
06/21/93	LCS931309	GCPEA1306201359		20.00	14.00	ug/L	70
06/21/93	LCSEXT931310	GCPEA1306201359		20.00	12.50	ug/L	62
08/10/93	LCS933130	GCPEA1308101540		20.00	15.70	ug/L	79
08/10/93	LCS933131	GCPEA1308101540		20.00	17.10	ug/L	86
08/11/93	LCS933141	GCPEA1308101540		20.00	17.00	ug/L	85
08/11/93	LCS933142	GCPEA1308101540		20.00	16.40	ug/L	82
08/11/93	LCS933146	GCPEA1308101540		20.00	16.70	ug/L	84
08/11/93	LCS933147	GCPEA1308101540		20.00	16.30	ug/L	82
08/16/93	LCS933413	GCPEA1308161047		20.00	17.40	ug/L	87
08/16/93	LCS933415	GCPEA1308161047		20.00	15.80	ug/L	79
08/17/93	LCS933420	GCPEA1308161047		20.00	16.40	ug/L	82
08/17/93	LCS933421	GCPEA1308161047		20.00	16.40	ug/L	82
10/04/93	LCS934882	GCPEA1310041056		20.00	22.30	ug/L	112
10/04/93	LCS934883	GCPEA1310041056		20.00	21.70	ug/L	109
10/05/93	LCS934887	GCPEA1310041056		20.00	21.00	ug/L	105
10/05/93	LCS934889	GCPEA1310041056		20.00	21.90	ug/L	109
10/05/93	LCS934890	GCPEA1310041056		20.00	22.20	ug/L	111
06/09/93	LCS93-850	GCQUE1306091614		20.00	23.70	ug/L	118
06/09/93	LCSEXT93923	GCQUE1306091614		20.00	20.00	ug/L	100
06/10/93	LCS93934	GCQUE1306091614		20.00	21.90	ug/L	109
06/10/93	LCSEXT93930	GCQUE1306091614		20.00	20.80	ug/L	104
06/24/93	LCSCAL931419	GCQUE1306241717		20.00	17.70	ug/L	88
06/24/93	LCSEXT931420	GCQUE1306241717		20.00	17.20	ug/L	86
06/25/93	LCS931501	GCQUE1306241717		20.00	19.00	ug/L	95
06/25/93	LCSEXT931502	GCQUE1306241717		20.00	15.80	ug/L	79
06/27/93	LCSEXT931540	GCQUE1306271713		20.00	18.60	ug/L	93
06/28/93	LCS931554	GCQUE1306271713		20.00	18.50	ug/L	92
06/28/93	LCS931556	GCQUE1306271713		20.00	20.10	ug/L	100
06/28/93	LCSEXT931555	GCQUE1306271713		20.00	16.70	ug/L	84
09/22/93	LCS934526	GCQUE1309221453		20.00	18.30	ug/L	91
09/22/93	LCS934528	GCQUE1309221453		20.00	20.70	ug/L	103
09/23/93	LCS934660	GCQUE1309221453		20.00	17.60	ug/L	88
09/23/93	LCS934661	GCQUE1309221453		20.00	19.20	ug/L	96
06/14/93	LCSCAL931014	GCTEX1306141311		20.00	22.20	ug/L	111
06/14/93	LCSEXT931078	GCTEX1306141311		20.00	19.10	ug/L	96
06/15/93	LCS931089	GCTEX1306141311		20.00	21.60	ug/L	108
06/15/93	LCSEXT931091	GCTEX1306141311		20.00	20.00	ug/L	100
06/15/93	LCSCAL931094	GCTEX1306152237		20.00	18.80	ug/L	94
06/15/93	LCSEXTCAL931095	GCTEX1306152237		20.00	16.90	ug/L	84
06/16/93	LCS931163	GCTEX1306152237		20.00	20.40	ug/L	102
06/16/93	LCSEXT931164	GCTEX1306152237		20.00	17.60	ug/L	88
06/21/93	LCSCAL931330	GCTEX1306211441		20.00	19.60	ug/L	98

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,4-Bromofluorobenzene continued							
Type of Spike : Surrogate - Laboratory Control							
06/21/93	LCSEXT931331	GCTEX1306211441		20.00	16.10	ug/L	80
06/22/93	LCS931336	GCTEX1306211441		20.00	19.60	ug/L	98
06/22/93	LCSEXT931337	GCTEX1306211441		20.00	17.30	ug/L	87
06/22/93	LCSCAL931359	GCTEX1306222319		20.00	20.50	ug/L	103
06/23/93	LCS931368	GCTEX1306222319		20.00	19.80	ug/L	99
06/23/93	LCSEXT931360	GCTEX1306222319		20.00	19.00	ug/L	95
06/24/93	LCSEXT931370	GCTEX1306222319		20.00	18.50	ug/L	92
08/24/93	LCS933634	GCTEX1308242018		20.00	15.60	ug/L	78
08/24/93	LCS933635	GCTEX1308242018		20.00	13.30	ug/L	66
08/25/93	LCS933639	GCTEX1308242018		20.00	15.80	ug/L	79
08/25/93	LCS933640	GCTEX1308242018		20.00	16.00	ug/L	80
09/22/93	LCS934519	GCTEX1309221032		20.00	17.10	ug/L	85
09/22/93	LCS934522	GCTEX1309221032		20.00	15.60	ug/L	78
09/23/93	LCS934532	GCTEX1309221032		20.00	19.20	ug/L	96
09/23/93	LCS934533	GCTEX1309221032		20.00	15.20	ug/L	76
09/23/93	LCS934663	GCTEX1309231506		20.00	17.00	ug/L	85
09/23/93	LCS934664	GCTEX1309231506		20.00	14.00	ug/L	70
09/24/93	LCS934672	GCTEX1309231506		20.00	17.10	ug/L	86
09/24/93	LCS934673	GCTEX1309231506		20.00	14.20	ug/L	71
10/06/93	LCS934895	GCTEX1310061111		20.00	17.20	ug/L	86
10/06/93	LCS934897	GCTEX1310061111		20.00	15.10	ug/L	75
10/07/93	LCS934905	GCTEX1310061111		20.00	15.70	ug/L	79
10/07/93	LCS934906	GCTEX1310061111		20.00	13.10	ug/L	66

Number of Samples	: 75	Below acceptance :	1
Mean % Recovery	: 90.5	Above acceptance :	0
Standard Deviation	: 13.47	Acceptance Criteria	59-142

Type of Spike : Surrogate - Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY1309201444		20.00	20.20	ug/L	101
09/21/93	06-MW-07-01 MSD	GCJAY1309201444		20.00	22.10	ug/L	111
06/21/93	10-MW-01-03 MS	GCPEA1306201359		20.00	13.00	ug/L	65
06/21/93	10-MW-01-03 MSD	GCPEA1306201359		20.00	12.80	ug/L	64
10/04/93	08-SW-01-DS-01	GCPEA1310041056		20.00	21.80	ug/L	109
10/04/93	08-SW-01-DS-01	GCPEA1310041056		20.00	20.30	ug/L	101
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614		20.00	21.50	ug/L	107
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614		20.00	25.30	ug/L	126
06/25/93	02-GW-03-03 MSD	GCQUE1306241717		20.00	18.40	ug/L	92
06/28/93	09-MW-06-03 MS	GCQUE1306271713		20.00	15.70	ug/L	79
06/28/93	09-MW-06-03 MSD	GCQUE1306271713		20.00	15.40	ug/L	77
06/16/93	10-MW-01-03	GCTEX1306152237		20.00	20.10	ug/L	100
06/16/93	10-MW-01-03	GCTEX1306152237		20.00	22.60	ug/L	113
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441		20.00	19.20	ug/L	96
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441		20.00	19.50	ug/L	98

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,4-Bromofluorobenzene continued							
Type of Spike : Surrogate - Matrix Spike							
06/25/93	05-MW-01-03 MS	GCTEX1306250629		20.00	20.60	ug/L	103
06/25/93	05-MW-01-03 MSD	GCTEX1306250629		20.00	18.70	ug/L	94
08/25/93	07-SW-03-01 MS	GCTEX1308242018		20.00	14.70	ug/L	74
08/25/93	07-SW-03-01 MSD	GCTEX1308242018		20.00	14.00	ug/L	70
09/23/93	05-MW-14-01	GCTEX1309231506		20.00	15.40	ug/L	77
09/23/93	05-MW-14-01	GCTEX1309231506		20.00	16.50	ug/L	83
10/06/93	08-GP-01-01	GCTEX1310061111		20.00	14.90	ug/L	75
10/06/93	08-GP-01-01	GCTEX1310061111		20.00	14.70	ug/L	74
Number of Samples : 23			Below acceptance : 0				
Mean % Recovery : 90.8			Above acceptance : 0				
Standard Deviation : 17.16			Acceptance Criteria 59-142				
Type of Spike : Surrogate - Method Blank							
08/11/93	BLK931834	GCJAY1308111427		20.00	19.30	ug/L	96
09/15/93	BLK932371	GCJAY1309150130		20.00	17.90	ug/L	90
09/20/93	BLK932379	GCJAY1309201444		20.00	18.20	ug/L	91
09/23/93	BLK932687	GCJAY1309231030		20.00	17.60	ug/L	88
06/20/93	BLK93554	GCPEA1306201359		20.00	11.50	ug/L	58
08/10/93	BLK931831	GCPEA1308101540		20.00	15.40	ug/L	77
08/16/93	BLK931977	GCPEA1308161047		20.00	14.90	ug/L	75
10/04/93	BLK932891	GCPEA1310041056		20.00	20.20	ug/L	101
06/09/93	BLK93460	GCQUE1306091614		20.00	18.50	ug/L	92
06/23/93	BLK93701	GCQUE1306231533		20.00	15.10	ug/L	76
06/25/93	BLK93732	GCQUE1306241717		20.00	15.60	ug/L	78
06/27/93	BLK93828	GCQUE1306271713		20.00	13.80	ug/L	69
09/22/93	BLK932686	GCQUE1309221453		20.00	19.80	ug/L	99
06/14/93	BLK93515	GCTEX1306141311		20.00	18.50	ug/L	93
06/16/93	BLK93548	GCTEX1306152237		20.00	17.70	ug/L	88
06/21/93	BLK93697	GCTEX1306211441		20.00	18.10	ug/L	90
06/23/93	BLK93700	GCTEX1306222319		20.00	16.20	ug/L	81
06/25/93	BLK93731	GCTEX1306250629		20.00	18.90	ug/L	94
08/25/93	BLK932000	GCTEX1308242018		20.00	13.10	ug/L	66
09/22/93	BLK932683	GCTEX1309221032		20.00	16.30	ug/L	82
09/23/93	BLK932690	GCTEX1309231506		20.00	15.70	ug/L	78
10/06/93	BLK932895	GCTEX1310061111		20.00	15.40	ug/L	77
Number of Samples : 22			Below acceptance : 1				
Mean % Recovery : 83.6			Above acceptance : 0				
Standard Deviation : 11.14			Acceptance Criteria 59-142				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,4-Bromofluorobenzene continued							
Type of Spike : Surrogate - Normal Sample							
Type of Spike : Surrogate - Normal Sample							
09/15/93	10-MW-04-01	GCJAY1309150130		20.00	17.80	ug/L	89
09/21/93	05-MW-13-01	GCJAY1309201444		20.00	19.80	ug/L	99
09/21/93	06-MW-07-01	GCJAY1309201444		20.00	18.50	ug/L	92
09/23/93	05-MW-15-01	GCJAY1309231030		20.00	18.20	ug/L	91
06/21/93	10-MW-01-03	GCPEA1306201359		20.00	11.90	ug/L	60
06/21/93	10-MW-02-03	GCPEA1306201359		20.00	12.20	ug/L	61
08/11/93	07-MW-04-03	GCPEA1308101540		20.00	15.00	ug/L	75
08/16/93	07-MW-01-03	GCPEA1308161047		20.00	15.50	ug/L	78
08/16/93	07-MW-03-03	GCPEA1308161047		20.00	14.70	ug/L	74
10/04/93	08-SW-01-01	GCPEA1310041056		20.00	21.00	ug/L	105
10/04/93	08-SW-02-01	GCPEA1310041056		20.00	20.20	ug/L	101
10/04/93	08-SW-03-01	GCPEA1310041056		20.00	21.10	ug/L	106
10/05/93	22-GP-01-01	GCPEA1310041056		20.00	20.60	ug/L	103
10/05/93	22-GP-02-01	GCPEA1310041056		20.00	20.40	ug/L	102
10/05/93	22-GP-03-01	GCPEA1310041056		20.00	21.00	ug/L	105
06/09/93	12-MW-01-03	GCQUE1306091614		20.00	16.50	ug/L	83
06/10/93	04-MW-02-03	GCQUE1306091614		20.00	15.90	ug/L	80
06/10/93	04-MW-03-03	GCQUE1306091614		20.00	14.70	ug/L	74
06/10/93	10-MW-03-03	GCQUE1306091614		20.00	18.30	ug/L	92
06/10/93	12-MW-02-03	GCQUE1306091614		20.00	21.40	ug/L	107
06/24/93	01-MW-01-03	GCQUE1306231533		20.00	13.60	ug/L	68
06/24/93	01-MW-02-03	GCQUE1306231533		20.00	13.90	ug/L	70
06/24/93	09-MW-01-03	GCQUE1306231533		20.00	14.30	ug/L	72
06/24/93	09-MW-02-03	GCQUE1306231533		20.00	14.10	ug/L	70
06/25/93	02-GW-03-03	GCQUE1306241717		20.00	15.50	ug/L	78
06/25/93	06-MW-01-03	GCQUE1306241717		2000.00	1360.00	ug/L	68
06/25/93	06-MW-02-03	GCQUE1306241717		20.00	14.70	ug/L	73
06/25/93	06-MW-04-03	GCQUE1306241717		20.00	12.60	ug/L	63
06/28/93	09-MW-03-03	GCQUE1306271713		20.00	13.30	ug/L	66
06/28/93	09-MW-04-03	GCQUE1306271713		20.00	12.70	ug/L	64
06/28/93	09-MW-05-03	GCQUE1306271713		20.00	14.50	ug/L	72
06/28/93	09-MW-06-03	GCQUE1306271713		20.00	14.10	ug/L	71
06/30/93	05-MW-03-03	GCQUE1306291223		20.00	13.50	ug/L	67
06/30/93	05-MW-05-03	GCQUE1306291223		20.00	13.10	ug/L	65
09/23/93	01-MW-07-01	GCQUE1309221453		20.00	17.50	ug/L	87
09/23/93	01-MW-08-01	GCQUE1309221453		20.00	17.90	ug/L	89
06/22/93	06-MW-03-03	GCTEX1306211441		20.00	17.70	ug/L	88
06/22/93	07-MW-02-03	GCTEX1306211441		20.00	18.40	ug/L	92
06/25/93	05-MW-01-03	GCTEX1306250629		20.00	16.50	ug/L	83
06/25/93	05-MW-02-03	GCTEX1306250629		20.00	18.70	ug/L	94
06/25/93	05-MW-04-03	GCTEX1306250629		20.00	17.90	ug/L	90
06/25/93	05-MW-06-03	GCTEX1306250629		20.00	18.60	ug/L	93
08/25/93	07-SW-03-01	GCTEX1308242018		20.00	15.80	ug/L	79

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : 1,4-Bromofluorobenzene continued							
Type of Spike : Surrogate - Normal Sample							
08/25/93	07-SW-04-01	GCTEX1308242018		20.00	15.30	ug/L	76
08/25/93	07-SW-05-01	GCTEX1308242018		20.00	16.50	ug/L	82
08/25/93	07-SW-06-01	GCTEX1308242018		20.00	14.60	ug/L	73
08/25/93	07-SW-07-01	GCTEX1308242018		20.00	14.50	ug/L	72
09/23/93	09-MW-15-01	GCTEX1309221032		20.00	15.80	ug/L	79
09/23/93	05-MW-14-01	GCTEX1309231506		20.00	13.60	ug/L	68
10/06/93	08-GP-01-01	GCTEX1310061111		20.00	14.60	ug/L	73
10/07/93	08-GP-02-01	GCTEX1310061111		20.00	14.00	ug/L	70
10/07/93	08-GP-03-01	GCTEX1310061111		20.00	13.20	ug/L	66
Number of Samples : 52			Below acceptance : 0				
Mean % Recovery : 80.7			Above acceptance : 0				
Standard Deviation : 13.38			Acceptance Criteria 59-142				
Type of Spike : Surrogate - Trip Blank							
09/15/93	TB-07-02	GCJAY1309150130		20.00	17.20	ug/L	86
09/21/93	TB-08-02	GCJAY1309201444		20.00	18.40	ug/L	92
09/24/93	TB-10-02	GCJAY1309231030		20.00	16.90	ug/L	84
08/11/93	BT-11	GCPEA1308101540		20.00	16.10	ug/L	81
08/17/93	BT-12	GCPEA1308161047		20.00	14.30	ug/L	72
10/05/93	TB-14-02	GCPEA1310041056		20.00	21.80	ug/L	109
06/09/93	BT-01	GCQUE1306091614		20.00	17.20	ug/L	86
06/10/93	BT-02	GCQUE1306091614		20.00	16.20	ug/L	81
06/24/93	BT-06	GCQUE1306231533		20.00	15.90	ug/L	79
06/25/93	BT-08	GCQUE1306241717		20.00	15.90	ug/L	80
06/25/93	BT-10	GCQUE1306241717		20.00	14.00	ug/L	70
06/28/93	BT-07	GCQUE1306271713		20.00	11.80	ug/L	59
06/14/93	BT-03	GCTEX1306141311		20.00	16.20	ug/L	81
06/16/93	BT-04	GCTEX1306152237		20.00	17.90	ug/L	90
06/25/93	BT-09	GCTEX1306250629		20.00	16.80	ug/L	84
08/25/93	TB-06-02	GCTEX1308242018		20.00	15.30	ug/L	77
09/23/93	TB-09-02	GCTEX1309221032		20.00	16.00	ug/L	80
09/24/93	TB-11-02	GCTEX1309231506		20.00	15.20	ug/L	76
Number of Samples : 18			Below acceptance : 0				
Mean % Recovery : 81.5			Above acceptance : 0				
Standard Deviation : 10.24			Acceptance Criteria 59-142				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Bromochloromethane							
Type of Spike : Surrogate - Ambient Blank							
09/23/93	AB-08	GCJAY1309231030		20.00	17.40	ug/L	87
09/24/93	AB-09	GCJAY1309231030		20.00	17.50	ug/L	87
06/24/93	BA-04	GCQUE1306231533		20.00	13.90	ug/L	70
06/25/93	BA-06	GCQUE1306241717		20.00	15.40	ug/L	77
06/25/93	BA-08	GCQUE1306241717		20.00	16.80	ug/L	84
06/25/93	BA-09	GCQUE1306241717		20.00	16.50	ug/L	83
06/28/93	BA-05	GCQUE1306271713		20.00	15.30	ug/L	76
06/15/93	BA-01	GCTEX1306141311		20.00	16.70	ug/L	84
06/16/93	BA-02	GCTEX1306152237		20.00	19.20	ug/L	96
06/25/93	BA-07	GCTEX1306250629		20.00	18.00	ug/L	90
09/23/93	AB-07	GCTEX1309221032		20.00	22.20	ug/L	111
09/24/93	AB-10	GCTEX1309231506		20.00	16.70	ug/L	84
09/24/93	AB-11	GCTEX1309231506		20.00	16.50	ug/L	82
Number of Samples : 13			Below acceptance : 0				
Mean % Recovery : 85.5			Above acceptance : 0				
Standard Deviation : 10.05			Acceptance Criteria 50-150				
Type of Spike : Surrogate - Equipment Blank							
06/30/93	04-MW-01-EB-03	GCQUE1306291223		20.00	15.50	ug/L	77
10/07/93	08-GP-01-EB-01	GCTEX1310061111		20.00	15.10	ug/L	76
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 76.5			Above acceptance : 0				
Standard Deviation : .71			Acceptance Criteria 50-150				
Type of Spike : Surrogate - Field Duplicate							
09/21/93	06-MW-07-DS-01	GCJAY1309201444		20.00	19.10	ug/L	95
10/04/93	08-SW-01-DS-01	GCPEA1310041056		20.00	21.60	ug/L	108
06/10/93	12-MW-02-DS-03	GCQUE1306091614		20.00	14.00	ug/L	70
06/25/93	02-GW-03-DS-03	GCQUE1306241717		20.00	16.90	ug/L	84
06/30/93	05-MW-03-DS-03	GCQUE1306291223		20.00	16.40	ug/L	82
06/22/93	07-MW-02-DS-03	GCTEX1306211441		20.00	18.70	ug/L	94
09/24/93	05-MW-14-DS-01	GCTEX1309231506		20.00	18.00	ug/L	90
Number of Samples : 7			Below acceptance : 0				
Mean % Recovery : 89.0			Above acceptance : 0				
Standard Deviation : 11.96			Acceptance Criteria 50-150				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8010 - Halogenated Volatile Organics
Spiked Analyte : Bromochloromethane continued

Type of Spike : Surrogate - Laboratory Control

Type of Spike : Surrogate - Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
09/15/93	LCS934242	GCJAY1309150130		20.00	19.30	ug/L	96
09/15/93	LCS934245	GCJAY1309150130		20.00	19.40	ug/L	97
09/16/93	LCS934250	GCJAY1309150130		20.00	19.40	ug/L	97
09/16/93	LCS934251	GCJAY1309150130		20.00	18.80	ug/L	94
09/20/93	LCS934491	GCJAY1309201444		20.00	18.40	ug/L	92
09/20/93	LCS934496	GCJAY1309201444		20.00	15.40	ug/L	77
09/21/93	LCS934506	GCJAY1309201444		20.00	18.90	ug/L	94
09/21/93	LCS934507	GCJAY1309201444		20.00	18.40	ug/L	92
06/20/93	LCSCAL931294	GCPEA1306201359		20.00	16.30	ug/L	82
06/20/93	LCSEXT931297	GCPEA1306201359		20.00	13.50	ug/L	68
06/21/93	LCS931309	GCPEA1306201359		20.00	15.30	ug/L	76
06/21/93	LCSEXT931310	GCPEA1306201359		20.00	15.70	ug/L	78
08/10/93	LCS933130	GCPEA1308101540		20.00	17.80	ug/L	89
08/10/93	LCS933131	GCPEA1308101540		20.00	17.50	ug/L	87
08/11/93	LCS933141	GCPEA1308101540		20.00	17.10	ug/L	86
08/11/93	LCS933142	GCPEA1308101540		20.00	17.90	ug/L	90
08/11/93	LCS933146	GCPEA1308101540		20.00	16.70	ug/L	84
08/11/93	LCS933147	GCPEA1308101540		20.00	17.80	ug/L	89
08/16/93	LCS933413	GCPEA1308161047		20.00	17.90	ug/L	90
08/16/93	LCS933415	GCPEA1308161047		20.00	17.40	ug/L	87
08/17/93	LCS933420	GCPEA1308161047		20.00	16.70	ug/L	84
08/17/93	LCS933421	GCPEA1308161047		20.00	18.10	ug/L	91
10/04/93	LCS934882	GCPEA1310041056		20.00	21.30	ug/L	107
10/04/93	LCS934883	GCPEA1310041056		20.00	21.80	ug/L	109
10/05/93	LCS934887	GCPEA1310041056		20.00	19.90	ug/L	99
10/05/93	LCS934889	GCPEA1310041056		20.00	20.80	ug/L	104
10/05/93	LCS934890	GCPEA1310041056		20.00	21.80	ug/L	109
06/09/93	LCS93-850	GCQUE1306091614		20.00	19.60	ug/L	98
06/09/93	LCSEXT93923	GCQUE1306091614		20.00	17.90	ug/L	90
06/10/93	LCS93934	GCQUE1306091614		20.00	18.10	ug/L	91
06/10/93	LCSEXT93930	GCQUE1306091614		20.00	18.60	ug/L	93
06/24/93	LCSCAL931419	GCQUE1306241717		20.00	16.60	ug/L	83
06/24/93	LCSEXT931420	GCQUE1306241717		20.00	17.20	ug/L	86
06/25/93	LCS931501	GCQUE1306241717		20.00	16.00	ug/L	80
06/25/93	LCSEXT931502	GCQUE1306241717		20.00	14.20	ug/L	71
06/27/93	LCSEXT931540	GCQUE1306271713		20.00	14.60	ug/L	73
06/28/93	LCS931554	GCQUE1306271713		20.00	15.00	ug/L	75
06/28/93	LCS931556	GCQUE1306271713		20.00	15.90	ug/L	80
06/28/93	LCSEXT931555	GCQUE1306271713		20.00	16.40	ug/L	82
09/22/93	LCS934526	GCQUE1309221453		20.00	17.70	ug/L	88
09/22/93	LCS934528	GCQUE1309221453		20.00	19.00	ug/L	95
09/23/93	LCS934660	GCQUE1309221453		20.00	18.80	ug/L	94
09/23/93	LCS934661	GCQUE1309221453		20.00	17.70	ug/L	88

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Bromochloromethane continued							
Type of Spike : Surrogate - Laboratory Control							
06/14/93	LCSCAL931014	GCTEX1306141311		20.00	21.30	ug/L	107
06/14/93	LCSEXT931078	GCTEX1306141311		20.00	20.70	ug/L	104
06/15/93	LCS931089	GCTEX1306141311		20.00	20.10	ug/L	100
06/15/93	LCSEXT931091	GCTEX1306141311		20.00	21.20	ug/L	106
06/15/93	LCSCAL931094	GCTEX1306152237		20.00	17.20	ug/L	86
06/15/93	LCSEXTCAL931095	GCTEX1306152237		20.00	17.80	ug/L	89
06/16/93	LCS931163	GCTEX1306152237		20.00	18.60	ug/L	93
06/16/93	LCSEXT931164	GCTEX1306152237		20.00	18.80	ug/L	94
06/21/93	LCSCAL931330	GCTEX1306211441		20.00	19.00	ug/L	95
06/21/93	LCSEXT931331	GCTEX1306211441		20.00	20.10	ug/L	101
06/22/93	LCS931336	GCTEX1306211441		20.00	17.50	ug/L	88
06/22/93	LCSEXT931337	GCTEX1306211441		20.00	18.70	ug/L	93
06/22/93	LCSCAL931359	GCTEX1306222319		20.00	18.40	ug/L	92
06/23/93	LCS931368	GCTEX1306222319		20.00	18.20	ug/L	91
06/23/93	LCSEXT931360	GCTEX1306222319		20.00	19.90	ug/L	100
06/24/93	LCSEXT931370	GCTEX1306222319		20.00	18.70	ug/L	93
08/24/93	LCS933634	GCTEX1308242018		20.00	17.10	ug/L	86
08/24/93	LCS933635	GCTEX1308242018		20.00	16.60	ug/L	83
08/25/93	LCS933639	GCTEX1308242018		20.00	19.30	ug/L	96
08/25/93	LCS933640	GCTEX1308242018		20.00	16.80	ug/L	84
09/22/93	LCS934519	GCTEX1309221032		20.00	16.70	ug/L	84
09/22/93	LCS934522	GCTEX1309221032		20.00	18.60	ug/L	93
09/23/93	LCS934532	GCTEX1309221032		20.00	20.00	ug/L	100
09/23/93	LCS934533	GCTEX1309221032		20.00	18.50	ug/L	92
09/23/93	LCS934663	GCTEX1309231506		20.00	17.20	ug/L	86
09/23/93	LCS934664	GCTEX1309231506		20.00	16.50	ug/L	82
09/24/93	LCS934672	GCTEX1309231506		20.00	16.60	ug/L	83
09/24/93	LCS934673	GCTEX1309231506		20.00	16.50	ug/L	82
10/06/93	LCS934895	GCTEX1310061111		20.00	16.40	ug/L	82
10/06/93	LCS934897	GCTEX1310061111		20.00	17.80	ug/L	89
10/07/93	LCS934905	GCTEX1310061111		20.00	15.60	ug/L	78
10/07/93	LCS934906	GCTEX1310061111		20.00	16.20	ug/L	81

Number of Samples : 75
Mean % Recovery : 89.7
Standard Deviation : 8.91
Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 50-150

Type of Spike : Surrogate - Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY1309201444	20.00	18.30	ug/L	92
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	20.00	19.40	ug/L	97
06/21/93	10-MW-01-03 MS	GCPEA1306201359	20.00	16.50	ug/L	83
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	20.00	16.70	ug/L	83
10/04/93	08-SW-01-DS-01	GCPEA1310041056	20.00	20.80	ug/L	104
10/04/93	08-SW-01-DS-01	GCPEA1310041056	20.00	19.70	ug/L	98

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Bromochloromethane continued							
Type of Spike : Surrogate - Matrix Spike							
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614		20.00	18.60	ug/L	93
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614		20.00	22.20	ug/L	111
06/25/93	02-GW-03-03 MSD	GCQUE1306241717		20.00	17.90	ug/L	89
06/28/93	09-MW-06-03 MS	GCQUE1306271713		20.00	15.00	ug/L	75
06/28/93	09-MW-06-03 MSD	GCQUE1306271713		20.00	14.30	ug/L	72
06/16/93	10-MW-01-03	GCTEX1306152237		20.00	23.40	ug/L	117
06/16/93	10-MW-01-03	GCTEX1306152237		20.00	20.70	ug/L	104
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441		20.00	20.00	ug/L	100
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441		20.00	19.50	ug/L	97
06/25/93	05-MW-01-03 MS	GCTEX1306250629		20.00	21.20	ug/L	106
06/25/93	05-MW-01-03 MSD	GCTEX1306250629		20.00	20.00	ug/L	100
08/25/93	07-SW-03-01 MS	GCTEX1308242018		20.00	17.80	ug/L	89
08/25/93	07-SW-03-01 MSD	GCTEX1308242018		20.00	18.20	ug/L	91
09/23/93	05-MW-14-01	GCTEX1309231506		20.00	20.30	ug/L	101
09/23/93	05-MW-14-01	GCTEX1309231506		20.00	19.00	ug/L	95
10/06/93	08-GP-01-01	GCTEX1310061111		20.00	18.30	ug/L	91
10/06/93	08-GP-01-01	GCTEX1310061111		20.00	18.70	ug/L	93
Number of Samples : 23			Below acceptance : 0				
Mean % Recovery : 94.8			Above acceptance : 0				
Standard Deviation : 10.58			Acceptance Criteria 50-150				
Type of Spike : Surrogate - Method Blank							
08/11/93	BLK931834	GCJAY1308111427		20.00	20.60	ug/L	103
09/15/93	BLK932371	GCJAY1309150130		20.00	18.20	ug/L	91
09/20/93	BLK932379	GCJAY1309201444		20.00	18.90	ug/L	94
09/23/93	BLK932687	GCJAY1309231030		20.00	18.00	ug/L	90
06/20/93	BLK93554	GCPEA1306201359		20.00	15.90	ug/L	80
08/10/93	BLK931831	GCPEA1308101540		20.00	16.40	ug/L	82
08/16/93	BLK931977	GCPEA1308161047		20.00	16.80	ug/L	84
10/04/93	BLK932891	GCPEA1310041056		20.00	21.60	ug/L	108
06/09/93	BLK93460	GCQUE1306091614		20.00	18.20	ug/L	91
06/23/93	BLK93701	GCQUE1306231533		20.00	16.40	ug/L	82
06/25/93	BLK93732	GCQUE1306241717		20.00	15.50	ug/L	78
06/27/93	BLK93828	GCQUE1306271713		20.00	14.30	ug/L	72
09/22/93	BLK932686	GCQUE1309221453		20.00	19.30	ug/L	96
06/14/93	BLK93515	GCTEX1306141311		20.00	19.90	ug/L	99
06/16/93	BLK93548	GCTEX1306152237		20.00	18.40	ug/L	92
06/21/93	BLK93697	GCTEX1306211441		20.00	18.80	ug/L	94
06/23/93	BLK93700	GCTEX1306222319		20.00	17.20	ug/L	86
06/25/93	BLK93731	GCTEX1306250629		20.00	19.30	ug/L	96
08/25/93	BLK932000	GCTEX1308242018		20.00	15.80	ug/L	79
09/22/93	BLK932683	GCTEX1309221032		20.00	19.40	ug/L	97
09/23/93	BLK932690	GCTEX1309231506		20.00	18.40	ug/L	92

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Bromochloromethane continued							
Type of Spike : Surrogate - Method Blank							
10/06/93	BLK932895	GCTEX1310061111		20.00	17.90	ug/L	90
Number of Samples : 22			Below acceptance : 0				
Mean % Recovery : 89.8			Above acceptance : 0				
Standard Deviation : 8.74			Acceptance Criteria 50-150				
Type of Spike : Surrogate - Normal Sample							
09/15/93	10-MW-04-01	GCJAY1309150130		20.00	19.60	ug/L	98
09/21/93	05-MW-13-01	GCJAY1309201444		20.00	18.90	ug/L	94
09/21/93	06-MW-07-01	GCJAY1309201444		20.00	19.30	ug/L	97
09/23/93	05-MW-15-01	GCJAY1309231030		20.00	17.40	ug/L	87
06/21/93	10-MW-01-03	GCPEA1306201359		20.00	16.30	ug/L	82
06/21/93	10-MW-02-03	GCPEA1306201359		20.00	16.40	ug/L	82
08/11/93	07-MW-04-03	GCPEA1308101540		20.00	16.00	ug/L	80
08/16/93	07-MW-01-03	GCPEA1308161047		20.00	17.30	ug/L	86
08/16/93	07-MW-03-03	GCPEA1308161047		20.00	16.90	ug/L	85
10/04/93	08-SW-01-01	GCPEA1310041056		20.00	21.10	ug/L	106
10/04/93	08-SW-02-01	GCPEA1310041056		20.00	21.30	ug/L	106
10/04/93	08-SW-03-01	GCPEA1310041056		20.00	21.20	ug/L	106
10/05/93	22-GP-01-01	GCPEA1310041056		20.00	22.00	ug/L	110
10/05/93	22-GP-02-01	GCPEA1310041056		20.00	21.90	ug/L	109
10/05/93	22-GP-03-01	GCPEA1310041056		20.00	21.90	ug/L	109
06/09/93	12-MW-01-03	GCQUE1306091614		20.00	16.20	ug/L	81
06/10/93	04-MW-02-03	GCQUE1306091614		20.00	15.40	ug/L	77
06/10/93	04-MW-03-03	GCQUE1306091614		20.00	17.00	ug/L	85
06/10/93	10-MW-03-03	GCQUE1306091614		20.00	18.00	ug/L	90
06/10/93	12-MW-02-03	GCQUE1306091614		20.00	18.50	ug/L	92
06/24/93	01-MW-01-03	GCQUE1306231533		20.00	15.60	ug/L	78
06/24/93	01-MW-02-03	GCQUE1306231533		20.00	14.90	ug/L	75
06/24/93	09-MW-01-03	GCQUE1306231533		20.00	19.70	ug/L	99
06/24/93	09-MW-02-03	GCQUE1306231533		20.00	18.50	ug/L	92
06/25/93	02-GW-03-03	GCQUE1306241717		20.00	15.50	ug/L	77
06/25/93	06-MW-01-03	GCQUE1306241717		2000.00	2130.00	ug/L	106
06/25/93	06-MW-02-03	GCQUE1306241717		20.00	15.60	ug/L	78
06/25/93	06-MW-04-03	GCQUE1306241717		20.00	17.10	ug/L	86
06/28/93	09-MW-03-03	GCQUE1306271713		20.00	16.30	ug/L	81
06/28/93	09-MW-04-03	GCQUE1306271713		20.00	13.70	ug/L	68
06/28/93	09-MW-05-03	GCQUE1306271713		20.00	16.10	ug/L	81
06/28/93	09-MW-06-03	GCQUE1306271713		20.00	14.40	ug/L	72
06/30/93	05-MW-03-03	GCQUE1306291223		20.00	16.40	ug/L	82
06/30/93	05-MW-05-03	GCQUE1306291223		20.00	16.20	ug/L	81
09/23/93	01-MW-07-01	GCQUE1309221453		20.00	19.10	ug/L	95
09/23/93	01-MW-08-01	GCQUE1309221453		20.00	19.80	ug/L	99
06/22/93	06-MW-03-03	GCTEX1306211441		20.00	18.30	ug/L	92

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8010 - Halogenated Volatile Organics							
Spiked Analyte : Bromochloromethane continued							
Type of Spike : Surrogate - Normal Sample							
06/22/93	07-MW-02-03	GCTEX1306211441		20.00	18.80	ug/L	94
06/25/93	05-MW-01-03	GCTEX1306250629		20.00	18.50	ug/L	92
06/25/93	05-MW-02-03	GCTEX1306250629		20.00	19.00	ug/L	95
06/25/93	05-MW-04-03	GCTEX1306250629		20.00	20.80	ug/L	104
06/25/93	05-MW-06-03	GCTEX1306250629		20.00	19.10	ug/L	95
08/25/93	07-SW-03-01	GCTEX1308242018		20.00	17.50	ug/L	88
08/25/93	07-SW-04-01	GCTEX1308242018		20.00	17.80	ug/L	89
08/25/93	07-SW-05-01	GCTEX1308242018		20.00	19.10	ug/L	95
08/25/93	07-SW-06-01	GCTEX1308242018		20.00	17.10	ug/L	85
08/25/93	07-SW-07-01	GCTEX1308242018		20.00	17.90	ug/L	90
09/23/93	09-MW-15-01	GCTEX1309221032		20.00	19.60	ug/L	98
09/23/93	05-MW-14-01	GCTEX1309231506		20.00	17.40	ug/L	87
10/06/93	08-GP-01-01	GCTEX1310061111		20.00	18.20	ug/L	91
10/07/93	08-GP-02-01	GCTEX1310061111		20.00	15.90	ug/L	79
10/07/93	08-GP-03-01	GCTEX1310061111		20.00	16.60	ug/L	83
Number of Samples : 52			Below acceptance : 0				
Mean % Recovery : 89.8			Above acceptance : 0				
Standard Deviation : 10.29			Acceptance Criteria 50-150				
Type of Spike : Surrogate - Trip Blank							
09/15/93	TB-07-02	GCJAY1309150130		20.00	18.60	ug/L	93
09/21/93	TB-08-02	GCJAY1309201444		20.00	19.50	ug/L	97
09/24/93	TB-10-02	GCJAY1309231030		20.00	15.70	ug/L	78
08/11/93	BT-11	GCPEA1308101540		20.00	17.70	ug/L	88
08/17/93	BT-12	GCPEA1308161047		20.00	15.80	ug/L	79
10/05/93	TB-14-02	GCPEA1310041056		20.00	22.40	ug/L	112
06/09/93	BT-01	GCQUE1306091614		20.00	16.40	ug/L	82
06/10/93	BT-02	GCQUE1306091614		20.00	15.70	ug/L	79
06/24/93	BT-06	GCQUE1306231533		20.00	15.90	ug/L	80
06/25/93	BT-08	GCQUE1306241717		20.00	17.60	ug/L	88
06/25/93	BT-10	GCQUE1306241717		20.00	15.40	ug/L	77
06/28/93	BT-07	GCQUE1306271713		20.00	14.70	ug/L	73
06/14/93	BT-03	GCTEX1306141311		20.00	17.40	ug/L	87
06/16/93	BT-04	GCTEX1306152237		20.00	18.20	ug/L	91
06/25/93	BT-09	GCTEX1306250629		20.00	17.50	ug/L	88
08/25/93	TB-06-02	GCTEX1308242018		20.00	16.70	ug/L	84
09/23/93	TB-09-02	GCTEX1309221032		20.00	19.20	ug/L	96
09/24/93	TB-11-02	GCTEX1309231506		20.00	18.00	ug/L	90
Number of Samples : 18			Below acceptance : 0				
Mean % Recovery : 86.8			Above acceptance : 0				
Standard Deviation : 9.26			Acceptance Criteria 50-150				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8015 - Nonhalogenated Volatile Organics							
Spiked Analyte : 2-Butanone(MEK)							
Type of Spike : Laboratory Control							
06/14/93	LCS931071 [1090	CHGC3A306140800		100.00	103.00	mg/L	103
06/14/93	LCSD931071 [109	CHGC3A306140800		100.00	103.00	mg/L	103
06/15/93	LCS931072 [1090	CHGC3A306140800		100.00	104.00	mg/L	104
06/15/93	LCSD931072 [109	CHGC3A306140800		100.00	106.00	mg/L	106
06/18/93	LCS931264 [10	CHGC3A306180800		100.00	103.00	mg/L	103
06/18/93	LCSD931264 [10	CHGC3A306180800		100.00	100.00	mg/L	100
06/23/93	LCS931397 [CH	CHGC3A306230800		100.00	98.30	mg/L	98
06/23/93	LCSD931397 [CH	CHGC3A306230800		100.00	100.00	mg/L	100
08/06/93	LCS933096 [CH	CHGC3A308060800		100.00	97.50	mg/L	97
08/06/93	LCSD933096 [CH	CHGC3A308060800		100.00	99.10	mg/L	99
08/17/93	LCS933560 [CH16	CHGC3A308170800		100.00	101.00	mg/L	101
08/17/93	LCSD933560 [CH1	CHGC3A308170800		100.00	103.00	mg/L	103
09/24/93	LCS934720 [CH	CHGC3A309240800		100.00	99.30	mg/L	99
09/24/93	LCSD934720 [CH	CHGC3A309240800		100.00	99.50	mg/L	100
10/06/93	LCS935016 [CH	CHGC3A310060800		100.00	106.00	mg/L	106
10/06/93	LCSD935016 [CH	CHGC3A310060800		100.00	103.00	mg/L	103

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 101.6	Above acceptance :	0
Standard Deviation	: 2.71	Acceptance Criteria	50-150

Type of Spike : Matrix Spike

06/14/93	12-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	96.70	mg/L	97
06/14/93	12-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	97.50	mg/L	98
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	100.00	mg/L	100
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	99.20	mg/L	99
06/18/93	09-MW-01-03 MS	CHGC3A306180800	ND	100.00	98.30	mg/L	98
06/18/93	09-MW-01-03 MSD	CHGC3A306180800	ND	100.00	101.00	mg/L	101
06/23/93	05-MW-01-03 MS	CHGC3A306230800	ND	100.00	96.90	mg/L	97
06/23/93	05-MW-01-03 MSD	CHGC3A306230800	ND	100.00	97.50	mg/L	97
08/06/93	07-MW-04-03 MS	CHGC3A308060800	ND	100.00	94.60	mg/L	95
08/06/93	07-MW-04-03 MSD	CHGC3A308060800	ND	100.00	93.00	mg/L	93
08/17/93	07-MW-01-03 MS	CHGC3A308170800	1.30	100.00	95.20	mg/L	94
08/17/93	07-MW-01-03 MSD	CHGC3A308170800	1.30	100.00	99.10	mg/L	98
09/25/93	05-MW-14-01	CHGC3A309240800	ND	100.00	93.00	mg/L	93
09/25/93	05-MW-14-01	CHGC3A309240800	ND	100.00	94.60	mg/L	95
10/06/93	08-SW-01-DS-01	CHGC3A310060800	ND	100.00	99.90	mg/L	100
10/06/93	08-SW-01-DS-01	CHGC3A310060800	ND	100.00	101.00	mg/L	101

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 97.3	Above acceptance :	0
Standard Deviation	: 2.65	Acceptance Criteria	50-150

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8015 - Nonhalogenated Volatile Organics							
Spiked Analyte : 4-Methyl-2-pentanone(MIBK)							
Type of Spike : Laboratory Control							
06/14/93	LCS931071 [1090	CHGC3A306140800		100.00	97.90	mg/L	98
06/14/93	LCSD931071 [109	CHGC3A306140800		100.00	97.80	mg/L	98
06/15/93	LCS931072 [1090	CHGC3A306140800		100.00	98.90	mg/L	99
06/15/93	LCSD931072 [109	CHGC3A306140800		100.00	99.40	mg/L	99
06/18/93	LCS931264 [10	CHGC3A306180800		100.00	97.90	mg/L	98
06/18/93	LCSD931264 [10	CHGC3A306180800		100.00	94.60	mg/L	95
06/23/93	LCS931397 [CH	CHGC3A306230800		100.00	92.50	mg/L	93
06/23/93	LCSD931397 [CH	CHGC3A306230800		100.00	94.70	mg/L	95
08/06/93	LCS933096 [CH	CHGC3A308060800		100.00	93.10	mg/L	93
08/06/93	LCSD933096 [CH	CHGC3A308060800		100.00	94.20	mg/L	94
08/17/93	LCS933560 [CH16	CHGC3A308170800		100.00	98.10	mg/L	98
08/17/93	LCSD933560 [CH1	CHGC3A308170800		100.00	99.70	mg/L	100
09/24/93	LCS934720 [CH	CHGC3A309240800		100.00	99.90	mg/L	100
09/24/93	LCSD934720 [CH	CHGC3A309240800		100.00	98.20	mg/L	98
10/06/93	LCS935016 [CH	CHGC3A310060800		100.00	104.00	mg/L	104
10/06/93	LCSD935016 [CH	CHGC3A310060800		100.00	101.00	mg/L	101
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 97.7			Above acceptance : 0				
Standard Deviation : 3.03			Acceptance Criteria 50-150				
Type of Spike : Matrix Spike							
06/14/93	12-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	97.50	mg/L	98
06/14/93	12-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	95.60	mg/L	96
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	99.90	mg/L	100
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	98.70	mg/L	99
06/18/93	09-MW-01-03 MS	CHGC3A306180800	ND	100.00	98.10	mg/L	98
06/18/93	09-MW-01-03 MSD	CHGC3A306180800	ND	100.00	101.00	mg/L	101
06/23/93	05-MW-01-03 MS	CHGC3A306230800	ND	100.00	96.70	mg/L	97
06/23/93	05-MW-01-03 MSD	CHGC3A306230800	ND	100.00	97.00	mg/L	97
08/06/93	07-MW-04-03 MS	CHGC3A308060800	1.37	100.00	93.70	mg/L	92
08/06/93	07-MW-04-03 MSD	CHGC3A308060800	1.37	100.00	92.00	mg/L	91
08/17/93	07-MW-01-03 MS	CHGC3A308170800	1.68	100.00	98.20	mg/L	97
08/17/93	07-MW-01-03 MSD	CHGC3A308170800	1.68	100.00	102.00	mg/L	100
09/25/93	05-MW-14-01	CHGC3A309240800	ND	100.00	96.00	mg/L	96
09/25/93	05-MW-14-01	CHGC3A309240800	ND	100.00	93.50	mg/L	94
10/06/93	08-SW-01-DS-01	CHGC3A310060800	ND	100.00	101.00	mg/L	101
10/06/93	08-SW-01-DS-01	CHGC3A310060800	ND	100.00	99.60	mg/L	100
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 97.3			Above acceptance : 0				
Standard Deviation : 3.00			Acceptance Criteria 50-150				

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8015 - Nonhalogenated Volatile Organics							
Spiked Analyte : Ethanol							
Type of Spike : Laboratory Control							
06/14/93	LCS931071 [1090	CHGC3A306140800		100.00	103.00	mg/L	103
06/14/93	LCSD931071 [109	CHGC3A306140800		100.00	103.00	mg/L	103
06/15/93	LCS931072 [1090	CHGC3A306140800		100.00	105.00	mg/L	105
06/15/93	LCSD931072 [109	CHGC3A306140800		100.00	106.00	mg/L	106
06/18/93	LCS931264 [10	CHGC3A306180800		100.00	105.00	mg/L	105
06/18/93	LCSD931264 [10	CHGC3A306180800		100.00	101.00	mg/L	101
06/23/93	LCS931397 [CH	CHGC3A306230800		100.00	99.00	mg/L	99
06/23/93	LCSD931397 [CH	CHGC3A306230800		100.00	101.00	mg/L	101
08/06/93	LCS933096 [CH	CHGC3A308060800		100.00	96.40	mg/L	96
08/06/93	LCSD933096 [CH	CHGC3A308060800		100.00	98.60	mg/L	99
08/17/93	LCS933560 [CH16	CHGC3A308170800		100.00	102.00	mg/L	102
08/17/93	LCSD933560 [CH1	CHGC3A308170800		100.00	104.00	mg/L	104
09/24/93	LCS934720 [CH	CHGC3A309240800		100.00	101.00	mg/L	101
09/24/93	LCSD934720 [CH	CHGC3A309240800		100.00	102.00	mg/L	102
10/06/93	LCS935016 [CH	CHGC3A310060800		100.00	108.00	mg/L	108
10/06/93	LCSD935016 [CH	CHGC3A310060800		100.00	105.00	mg/L	105
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 102.5			Above acceptance : 0				
Standard Deviation : 3.03			Acceptance Criteria 50-150				
Type of Spike : Matrix Spike							
06/14/93	12-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	98.90	mg/L	99
06/14/93	12-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	98.70	mg/L	99
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	100.00	mg/L	100
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	99.30	mg/L	99
06/18/93	09-MW-01-03 MS	CHGC3A306180800	ND	100.00	99.30	mg/L	99
06/18/93	09-MW-01-03 MSD	CHGC3A306180800	ND	100.00	103.00	mg/L	103
06/23/93	05-MW-01-03 MS	CHGC3A306230800	ND	100.00	98.40	mg/L	98
06/23/93	05-MW-01-03 MSD	CHGC3A306230800	ND	100.00	99.40	mg/L	99
08/06/93	07-MW-04-03 MS	CHGC3A308060800	ND	100.00	96.70	mg/L	97
08/06/93	07-MW-04-03 MSD	CHGC3A308060800	ND	100.00	95.20	mg/L	95
08/17/93	07-MW-01-03 MS	CHGC3A308170800	ND	100.00	95.50	mg/L	95
08/17/93	07-MW-01-03 MSD	CHGC3A308170800	ND	100.00	97.80	mg/L	98
09/25/93	05-MW-14-01	CHGC3A309240800	ND	100.00	93.60	mg/L	94
09/25/93	05-MW-14-01	CHGC3A309240800	ND	100.00	94.40	mg/L	94
10/06/93	08-SW-01-DS-01	CHGC3A310060800	ND	100.00	101.00	mg/L	101
10/06/93	08-SW-01-DS-01	CHGC3A310060800	ND	100.00	101.00	mg/L	100
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 98.1			Above acceptance : 0				
Standard Deviation : 2.55			Acceptance Criteria 50-150				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8015 - Nonhalogenated Volatile Organics							
Spiked Analyte : Ethyl ether							
Type of Spike : Laboratory Control							
06/14/93	LCS931071 [1090	CHGC3A306140800		100.00	105.00	mg/L	105
06/14/93	LCSD931071 [109	CHGC3A306140800		100.00	104.00	mg/L	104
06/15/93	LCS931072 [1090	CHGC3A306140800		100.00	107.00	mg/L	107
06/15/93	LCSD931072 [109	CHGC3A306140800		100.00	109.00	mg/L	109
06/18/93	LCS931264 [10	CHGC3A306180800		100.00	104.00	mg/L	104
06/18/93	LCSD931264 [10	CHGC3A306180800		100.00	102.00	mg/L	102
06/23/93	LCS931397 [CH	CHGC3A306230800		100.00	98.80	mg/L	99
06/23/93	LCSD931397 [CH	CHGC3A306230800		100.00	100.00	mg/L	100
08/06/93	LCS933096 [CH	CHGC3A308060800		100.00	97.00	mg/L	97
08/06/93	LCSD933096 [CH	CHGC3A308060800		100.00	99.40	mg/L	99
08/17/93	LCS933560 [CH16	CHGC3A308170800		100.00	106.00	mg/L	106
08/17/93	LCSD933560 [CH1	CHGC3A308170800		100.00	107.00	mg/L	107
09/24/93	LCS934720 [CH	CHGC3A309240800		100.00	92.70	mg/L	93
09/24/93	LCSD934720 [CH	CHGC3A309240800		100.00	93.40	mg/L	93
10/06/93	LCS935016 [CH	CHGC3A310060800		100.00	102.00	mg/L	102
10/06/93	LCSD935016 [CH	CHGC3A310060800		100.00	95.60	mg/L	96

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 101.4	Above acceptance :	0
Standard Deviation	: 4.98	Acceptance Criteria	50-150

Type of Spike : Matrix Spike

06/14/93	12-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	101.00	mg/L	101
06/14/93	12-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	99.20	mg/L	99
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	102.00	mg/L	102
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	101.00	mg/L	101
06/18/93	09-MW-01-03 MS	CHGC3A306180800	ND	100.00	100.00	mg/L	100
06/18/93	09-MW-01-03 MSD	CHGC3A306180800	ND	100.00	101.00	mg/L	101
06/23/93	05-MW-01-03 MS	CHGC3A306230800	ND	100.00	96.70	mg/L	97
06/23/93	05-MW-01-03 MSD	CHGC3A306230800	ND	100.00	97.10	mg/L	97
08/06/93	07-MW-04-03 MS	CHGC3A308060800	ND	100.00	86.20	mg/L	86
08/06/93	07-MW-04-03 MSD	CHGC3A308060800	ND	100.00	85.50	mg/L	85
08/17/93	07-MW-01-03 MS	CHGC3A308170800	ND	100.00	104.00	mg/L	104
08/17/93	07-MW-01-03 MSD	CHGC3A308170800	ND	100.00	105.00	mg/L	105
09/25/93	05-MW-14-01	CHGC3A309240800	ND	100.00	84.30	mg/L	84
09/25/93	05-MW-14-01	CHGC3A309240800	ND	100.00	83.30	mg/L	83
10/06/93	08-SW-01-DS-01	CHGC3A310060800	ND	100.00	91.90	mg/L	92
10/06/93	08-SW-01-DS-01	CHGC3A310060800	ND	100.00	93.50	mg/L	93

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 95.6	Above acceptance :	0
Standard Deviation	: 7.48	Acceptance Criteria	50-150

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8015 - Nonhalogenated Volatile Organics							
Spiked Analyte : 1,1-Dichloroethene							
Type of Spike : Surrogate - Ambient Blank							
06/15/93	BA-01	CHGC3A306140800		100.00	100.00	mg/L	100
06/15/93	BA-02	CHGC3A306140800		100.00	102.00	mg/L	102
06/18/93	BA-04	CHGC3A306180800		100.00	104.00	mg/L	104
06/19/93	BA-05	CHGC3A306180800		100.00	104.00	mg/L	104
06/19/93	BA-06	CHGC3A306180800		100.00	99.90	mg/L	100
06/23/93	BA-07	CHGC3A306230800		100.00	103.00	mg/L	103
06/24/93	BA-08	CHGC3A306230800		100.00	102.00	mg/L	102
06/24/93	BA-09	CHGC3A306230800		100.00	103.00	mg/L	103
09/24/93	AB-07	CHGC3A309240800		100.00	99.60	mg/L	100
09/24/93	AB-08	CHGC3A309240800		100.00	101.00	mg/L	101
09/24/93	AB-09	CHGC3A309240800		100.00	101.00	mg/L	101
09/25/93	AB-10	CHGC3A309240800		100.00	96.70	mg/L	97
09/25/93	AB-11	CHGC3A309240800		100.00	98.00	mg/L	98
Number of Samples : 13			Below acceptance : 0				
Mean % Recovery : 101.2			Above acceptance : 0				
Standard Deviation : 2.15			Acceptance Criteria 50-150				
Type of Spike : Surrogate - Equipment Blank							
06/23/93	04-MW-01-EB-03	CHGC3A306230800		100.00	103.00	mg/L	103
10/07/93	08-GP-01-EB-01	CHGC3A310060800		100.00	101.00	mg/L	101
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 102.0			Above acceptance : 0				
Standard Deviation : 1.41			Acceptance Criteria 50-150				
Type of Spike : Surrogate - Field Duplicate							
06/14/93	12-MW-02-DS-03	CHGC3A306140800		100.00	98.90	mg/L	99
06/15/93	07-MW-02-DS-03	CHGC3A306140800		100.00	102.00	mg/L	102
06/23/93	05-MW-03-DS-03	CHGC3A306230800		100.00	102.00	mg/L	102
06/24/93	02-GW-03-DS-03	CHGC3A306230800		100.00	99.90	mg/L	100
09/25/93	05-MW-14-DS-01	CHGC3A309240800		100.00	97.10	mg/L	97
10/06/93	08-SW-01-DS-01	CHGC3A310060800		100.00	99.90	mg/L	100
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 100.0			Above acceptance : 0				
Standard Deviation : 1.90			Acceptance Criteria 50-150				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8015 - Nonhalogenated Volatile Organics							
Spiked Analyte : 1,1-Dichloroethene continued							
Type of Spike : Surrogate - Laboratory Control							
Type of Spike : Surrogate - Laboratory Control							
06/14/93	LCS931071 [1090	CHGC3A306140800		100.00	99.60	mg/L	100
06/14/93	LCSD931071 [109	CHGC3A306140800		100.00	99.20	mg/L	99
06/15/93	LCS931072 [1090	CHGC3A306140800		100.00	101.00	mg/L	101
06/15/93	LCSD931072 [109	CHGC3A306140800		100.00	102.00	mg/L	102
06/18/93	LCS931264 [10	CHGC3A306180800		100.00	102.00	mg/L	102
06/18/93	LCSD931264 [10	CHGC3A306180800		100.00	96.60	mg/L	97
06/23/93	LCS931397 [CH	CHGC3A306230800		100.00	94.10	mg/L	94
06/23/93	LCSD931397 [CH	CHGC3A306230800		100.00	96.50	mg/L	96
08/06/93	LCS933096 [CH	CHGC3A308060800		100.00	95.30	mg/L	95
08/06/93	LCSD933096 [CH	CHGC3A308060800		100.00	96.60	mg/L	97
08/17/93	LCS933560 [CH16	CHGC3A308170800		100.00	101.00	mg/L	101
08/17/93	LCSD933560 [CH1	CHGC3A308170800		100.00	103.00	mg/L	103
09/24/93	LCS934720 [CH	CHGC3A309240800		100.00	100.00	mg/L	100
09/24/93	LCSD934720 [CH	CHGC3A309240800		100.00	100.00	mg/L	100
10/06/93	LCS935016 [CH	CHGC3A310060800		100.00	106.00	mg/L	106
10/06/93	LCSD935016 [CH	CHGC3A310060800		100.00	103.00	mg/L	103

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 99.8	Above acceptance :	0
Standard Deviation	: 3.26	Acceptance Criteria	50-150

Type of Spike : Surrogate - Matrix Spike

06/14/93	12-MW-02-DS-03 M	CHGC3A306140800		100.00	97.60	mg/L	98
06/14/93	12-MW-02-DS-03 M	CHGC3A306140800		100.00	97.50	mg/L	98
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800		100.00	100.00	mg/L	100
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800		100.00	100.00	mg/L	100
06/18/93	09-MW-01-03 MS	CHGC3A306180800		100.00	98.50	mg/L	98
06/18/93	09-MW-01-03 MSD	CHGC3A306180800		100.00	102.00	mg/L	102
06/23/93	05-MW-01-03 MS	CHGC3A306230800		100.00	96.90	mg/L	97
06/23/93	05-MW-01-03 MSD	CHGC3A306230800		100.00	97.90	mg/L	98
08/06/93	07-MW-04-03 MS	CHGC3A308060800		100.00	98.40	mg/L	98
08/06/93	07-MW-04-03 MSD	CHGC3A308060800		100.00	95.80	mg/L	96
08/17/93	07-MW-01-03 MS	CHGC3A308170800		100.00	99.10	mg/L	99
08/17/93	07-MW-01-03 MSD	CHGC3A308170800		100.00	100.00	mg/L	100
09/25/93	05-MW-14-01	CHGC3A309240800		100.00	94.40	mg/L	94
09/25/93	05-MW-14-01	CHGC3A309240800		100.00	95.20	mg/L	95
10/06/93	08-SW-01-DS-01	CHGC3A310060800		100.00	101.00	mg/L	101
10/06/93	08-SW-01-DS-01	CHGC3A310060800		100.00	101.00	mg/L	101

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8015 - Nonhalogenated Volatile Organics							
Spiked Analyte : 1,1-Dichloroethene continued							
Type of Spike : Surrogate - Matrix Spike							
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 98.4			Above acceptance : 0				
Standard Deviation : 2.22			Acceptance Criteria 50-150				
Type of Spike : Surrogate - Method Blank							
06/14/93	BLK93590 [BLK935	CHGC3A306140800		100.00	103.00	mg/L	103
06/15/93	BLK93591 [076039	CHGC3A306140800		100.00	103.00	mg/L	103
06/18/93	BLK93681 [076	CHGC3A306180800		100.00	103.00	mg/L	103
06/23/93	BLK93765 [CHO	CHGC3A306230800		100.00	103.00	mg/L	103
08/06/93	BLK931815 [METHOD BLANK	CHGC3A308060800		100.00	101.00	mg/L	101
08/17/93	BLK932089 [METHOD BLANK	CHGC3A308170800		100.00	98.90	mg/L	99
09/24/93	BLK932792 [METHOD BLANK	CHGC3A309240800		100.00	99.70	mg/L	100
10/06/93	BLK933010 [METHOD BLANK	CHGC3A310060800		100.00	102.00	mg/L	102
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 101.8			Above acceptance : 0				
Standard Deviation : 1.58			Acceptance Criteria 50-150				
Type of Spike : Surrogate - Normal Sample							
06/14/93	04-MW-02-03	CHGC3A306140800		100.00	101.00	mg/L	101
06/14/93	04-MW-03-03	CHGC3A306140800		100.00	102.00	mg/L	102
06/14/93	10-MW-03-03	CHGC3A306140800		100.00	101.00	mg/L	101
06/14/93	12-MW-01-03	CHGC3A306140800		100.00	103.00	mg/L	103
06/14/93	12-MW-02-03	CHGC3A306140800		100.00	101.00	mg/L	101
06/15/93	06-MW-03-03	CHGC3A306140800		100.00	100.00	mg/L	100
06/15/93	07-MW-02-03	CHGC3A306140800		100.00	99.90	mg/L	100
06/15/93	10-MW-01-03	CHGC3A306140800		100.00	104.00	mg/L	104
06/15/93	10-MW-02-03	CHGC3A306140800		100.00	101.00	mg/L	101
06/18/93	01-MW-01-03	CHGC3A306180800		100.00	102.00	mg/L	102
06/18/93	01-MW-02-03	CHGC3A306180800		100.00	101.00	mg/L	101
06/18/93	09-MW-01-03	CHGC3A306180800		100.00	100.00	mg/L	100
06/18/93	09-MW-02-03	CHGC3A306180800		100.00	103.00	mg/L	103
06/18/93	09-MW-03-03	CHGC3A306180800		100.00	102.00	mg/L	102
06/18/93	09-MW-04-03	CHGC3A306180800		100.00	102.00	mg/L	102
06/18/93	09-MW-05-03	CHGC3A306180800		100.00	102.00	mg/L	102
06/18/93	09-MW-06-03	CHGC3A306180800		100.00	104.00	mg/L	104
06/19/93	06-MW-01-03	CHGC3A306180800		100.00	102.00	mg/L	102
06/19/93	06-MW-02-03	CHGC3A306180800		100.00	102.00	mg/L	102
06/19/93	06-MW-04-03	CHGC3A306180800		100.00	102.00	mg/L	102
06/23/93	05-MW-01-03	CHGC3A306230800		100.00	103.00	mg/L	103
06/23/93	05-MW-02-03	CHGC3A306230800		100.00	101.00	mg/L	101
06/23/93	05-MW-03-03	CHGC3A306230800		100.00	103.00	mg/L	103

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8015 - Nonhalogenated Volatile Organics							
Spiked Analyte : 1,1-Dichloroethene continued							
Type of Spike : Surrogate - Normal Sample							
06/23/93	05-MW-04-03	CHGC3A306230800		100.00	102.00	mg/L	102
06/23/93	05-MW-05-03	CHGC3A306230800		100.00	101.00	mg/L	101
06/23/93	05-MW-06-03	CHGC3A306230800		100.00	102.00	mg/L	102
06/24/93	02-GW-03-03	CHGC3A306230800		100.00	100.00	mg/L	100
08/06/93	07-MW-04-03	CHGC3A308060800		100.00	95.50	mg/L	96
08/17/93	07-MW-01-03	CHGC3A308170800		100.00	98.60	mg/L	99
08/17/93	07-MW-03-03	CHGC3A308170800		100.00	97.20	mg/L	97
09/24/93	01-MW-07-01	CHGC3A309240800		100.00	99.90	mg/L	100
09/24/93	01-MW-08-01	CHGC3A309240800		100.00	99.30	mg/L	99
09/24/93	05-MW-13-01	CHGC3A309240800		100.00	99.20	mg/L	99
09/24/93	05-MW-14-01	CHGC3A309240800		100.00	96.80	mg/L	97
09/24/93	05-MW-15-01	CHGC3A309240800		100.00	98.60	mg/L	99
09/24/93	09-MW-15-01	CHGC3A309240800		100.00	99.50	mg/L	100
09/24/93	10-MW-04-01	CHGC3A309240800		100.00	99.80	mg/L	100
10/06/93	08-GP-01-01	CHGC3A310060800		100.00	99.90	mg/L	100
10/06/93	08-SW-01-01	CHGC3A310060800		100.00	101.00	mg/L	101
10/06/93	08-SW-02-01	CHGC3A310060800		100.00	101.00	mg/L	101
10/06/93	08-SW-03-01	CHGC3A310060800		100.00	103.00	mg/L	103
10/06/93	22-GP-01-01	CHGC3A310060800		100.00	102.00	mg/L	102
10/06/93	22-GP-02-01	CHGC3A310060800		100.00	99.00	mg/L	99
10/06/93	22-GP-03-01	CHGC3A310060800		100.00	101.00	mg/L	101
10/07/93	08-GP-02-01	CHGC3A310060800		100.00	101.00	mg/L	101
10/07/93	08-GP-03-01	CHGC3A310060800		100.00	99.90	mg/L	100

Number of Samples	: 46	Below acceptance :	0
Mean % Recovery	: 100.9	Above acceptance :	0
Standard Deviation	: 1.73	Acceptance Criteria	50-150

Type of Spike : Surrogate - Trip Blank

06/14/93	BT-01	CHGC3A306140800		100.00	102.00	mg/L	102
06/14/93	BT-02	CHGC3A306140800		100.00	105.00	mg/L	105
06/15/93	BT-03	CHGC3A306140800		100.00	104.00	mg/L	104
06/15/93	BT-04	CHGC3A306140800		100.00	103.00	mg/L	103
06/18/93	BT-06	CHGC3A306180800		100.00	102.00	mg/L	102
06/18/93	BT-07	CHGC3A306180800		100.00	102.00	mg/L	102
06/19/93	BT-08	CHGC3A306180800		100.00	103.00	mg/L	103
06/23/93	BT-09	CHGC3A306230800		100.00	103.00	mg/L	103
06/24/93	BT-10	CHGC3A306230800		100.00	101.00	mg/L	101
08/06/93	BT-11	CHGC3A308060800		100.00	98.10	mg/L	98
08/17/93	BT-12	CHGC3A308170800		100.00	102.00	mg/L	102
09/24/93	TB-07-02	CHGC3A309240800		100.00	99.80	mg/L	100
09/24/93	TB-08-02	CHGC3A309240800		100.00	99.00	mg/L	99
09/24/93	TB-09-02	CHGC3A309240800		100.00	101.00	mg/L	101
09/24/93	TB-10-02	CHGC3A309240800		100.00	99.00	mg/L	99

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8015 - Nonhalogenated Volatile Organics							
Spiked Analyte : 1,1-Dichloroethene continued							
Type of Spike : Surrogate - Trip Blank							
09/25/93	TB-11-02	CHGC3A309240800		100.00	96.80	mg/L	97
10/06/93	TB-14-02	CHGC3A310060800		100.00	99.80	mg/L	100
10/07/93	TB-20-01	CHGC3A310060800		100.00	99.10	mg/L	99
Number of Samples : 18			Below acceptance : 0				
Mean % Recovery : 101.1			Above acceptance : 0				
Standard Deviation : 2.17			Acceptance Criteria 50-150				
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : 1,2-Dichlorobenzene							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY2309150130		10.00	8.78	ug/L	88
09/16/93	LCS934250	GCJAY2309150130		10.00	8.31	ug/L	83
09/20/93	LCS934491	GCJAY2309201444		10.00	9.45	ug/L	95
09/21/93	LCS934506	GCJAY2309201444		10.00	9.24	ug/L	92
06/19/93	LCS931278	GCKAY1306190024		10.00	8.79	ug/L	88
06/19/93	LCS931279	GCKAY1306190024		10.00	9.52	ug/L	95
06/19/93	LCSCAL931274	GCKAY1306190024		10.00	9.68	ug/L	97
06/21/93	LCSCAL931331	GCKAY1306211455		10.00	9.69	ug/L	97
06/22/93	LCS931334	GCKAY1306211455		10.00	7.95	ug/L	80
06/22/93	LCSCAL931335	GCKAY1306221300		10.00	9.60	ug/L	96
06/23/93	LCS931365	GCKAY1306221300		10.00	9.13	ug/L	91
06/24/93	LCSCAL931416	GCKAY1306240932		10.00	9.46	ug/L	95
06/25/93	LCS931498	GCKAY1306240932		10.00	9.55	ug/L	95
08/09/93	LCS933122	GCKAY1308091931		10.00	9.40	ug/L	94
08/10/93	LCS933136	GCKAY1308091931		10.00	7.26	ug/L	73
08/16/93	LCS933413	GCPEA2308161047		10.00	9.97	ug/L	100
08/17/93	LCS933420	GCPEA2308161047		10.00	9.93	ug/L	99
06/09/93	LCS93-850	GCQUE2306091614		10.00	10.80	ug/L	108
06/10/93	LCS93933	GCQUE2306091614		10.00	9.27	ug/L	93
06/14/93	LCSCAL931078	GCQUE2306141634		10.00	9.56	ug/L	96
06/15/93	LCS931080	GCQUE2306141634		10.00	10.20	ug/L	102
09/22/93	LCS934526	GCQUE2309221453		10.00	9.34	ug/L	93
09/23/93	LCS934660	GCQUE2309221453		10.00	9.54	ug/L	95
06/15/93	LCSCAL931094	GCTEX2306152237		10.00	8.58	ug/L	86
06/16/93	LCS931163	GCTEX2306152237		10.00	8.24	ug/L	82
08/24/93	LCS933634	GCTEX2308242018		10.00	9.49	ug/L	95
08/25/93	LCS933640	GCTEX2308242018		10.00	8.84	ug/L	88
09/22/93	LCS934519	GCTEX2309221032		10.00	8.61	ug/L	86
09/23/93	LCS934532	GCTEX2309221032		10.00	8.25	ug/L	82
09/23/93	LCS934663	GCTEX2309231506		10.00	9.11	ug/L	91
09/24/93	LCS934672	GCTEX2309231506		10.00	9.45	ug/L	95
10/06/93	LCS934895	GCTEX2310061111		10.00	9.44	ug/L	94

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : 1,2-Dichlorobenzene continued							
Type of Spike : Laboratory Control							
10/07/93	LCS934905	GCTEX2310061111		10.00	9.49	ug/L	95
Number of Samples : 33			Below acceptance : 0				
Mean % Recovery : 92.1			Above acceptance : 0				
Standard Deviation : 6.94			Acceptance Criteria 37-154				
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : 1,3-Dichlorobenzene							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY2309150130		10.00	9.31	ug/L	93
09/16/93	LCS934250	GCJAY2309150130		10.00	8.84	ug/L	88
09/20/93	LCS934491	GCJAY2309201444		10.00	10.10	ug/L	101
09/21/93	LCS934506	GCJAY2309201444		10.00	10.00	ug/L	100
06/19/93	LCS931278	GCKAY1306190024		10.00	9.15	ug/L	91
06/19/93	LCS931279	GCKAY1306190024		10.00	10.10	ug/L	101
06/19/93	LCSCAL931274	GCKAY1306190024		10.00	10.20	ug/L	102
06/21/93	LCSCAL931331	GCKAY1306211455		10.00	10.30	ug/L	103
06/22/93	LCS931334	GCKAY1306211455		10.00	9.01	ug/L	90
06/22/93	LCSCAL931335	GCKAY1306221300		10.00	10.20	ug/L	102
06/23/93	LCS931365	GCKAY1306221300		10.00	9.44	ug/L	94
06/24/93	LCSCAL931416	GCKAY1306240932		10.00	10.20	ug/L	102
06/25/93	LCS931498	GCKAY1306240932		10.00	9.92	ug/L	99
08/09/93	LCS933122	GCKAY1308091931		10.00	9.83	ug/L	98
08/10/93	LCS933136	GCKAY1308091931		10.00	8.45	ug/L	84
08/16/93	LCS933413	GCPEA2308161047		10.00	10.60	ug/L	106
08/17/93	LCS933420	GCPEA2308161047		10.00	10.70	ug/L	107
06/09/93	LCS93-850	GCQUE2306091614		10.00	11.20	ug/L	112
06/10/93	LCS93933	GCQUE2306091614		10.00	9.80	ug/L	98
06/14/93	LCSCAL931078	GCQUE2306141634		10.00	9.85	ug/L	99
06/15/93	LCS931080	GCQUE2306141634		10.00	10.70	ug/L	106
09/22/93	LCS934526	GCQUE2309221453		10.00	9.88	ug/L	99
09/23/93	LCS934660	GCQUE2309221453		10.00	10.10	ug/L	101
06/15/93	LCSCAL931094	GCTEX2306152237		10.00	8.92	ug/L	89
06/16/93	LCS931163	GCTEX2306152237		10.00	8.55	ug/L	86
08/24/93	LCS933634	GCTEX2308242018		10.00	9.92	ug/L	99
08/25/93	LCS933640	GCTEX2308242018		10.00	9.16	ug/L	92
09/22/93	LCS934519	GCTEX2309221032		10.00	8.95	ug/L	90
09/23/93	LCS934532	GCTEX2309221032		10.00	8.48	ug/L	85
09/23/93	LCS934663	GCTEX2309231506		10.00	9.46	ug/L	95
09/24/93	LCS934672	GCTEX2309231506		10.00	9.84	ug/L	98
10/06/93	LCS934895	GCTEX2310061111		10.00	9.81	ug/L	98
10/07/93	LCS934905	GCTEX2310061111		10.00	9.77	ug/L	98
Number of Samples : 33			Below acceptance : 0				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : 1,3-Dichlorobenzene continued							
Type of Spike : Laboratory Control							
Mean % Recovery : 97.2				Above acceptance : 0			
Standard Deviation : 6.71				Acceptance Criteria 50-141			
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : 1,4-Dichlorobenzene							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY2309150130		10.00	8.84	ug/L	88
09/16/93	LCS934250	GCJAY2309150130		10.00	8.41	ug/L	84
09/20/93	LCS934491	GCJAY2309201444		10.00	9.71	ug/L	97
09/21/93	LCS934506	GCJAY2309201444		10.00	9.54	ug/L	95
06/19/93	LCS931278	GCKAY1306190024		10.00	8.73	ug/L	87
06/19/93	LCS931279	GCKAY1306190024		10.00	9.63	ug/L	96
06/19/93	LCSCAL931274	GCKAY1306190024		10.00	9.86	ug/L	99
06/21/93	LCSCAL931331	GCKAY1306211455		10.00	9.85	ug/L	99
06/22/93	LCS931334	GCKAY1306211455		10.00	8.53	ug/L	85
06/22/93	LCSCAL931335	GCKAY1306221300		10.00	9.57	ug/L	96
06/23/93	LCS931365	GCKAY1306221300		10.00	9.12	ug/L	91
06/24/93	LCSCAL931416	GCKAY1306240932		10.00	9.68	ug/L	97
06/25/93	LCS931498	GCKAY1306240932		10.00	9.46	ug/L	95
08/09/93	LCS933122	GCKAY1308091931		10.00	9.54	ug/L	95
08/10/93	LCS933136	GCKAY1308091931		10.00	7.94	ug/L	79
08/16/93	LCS933413	GCPEA2308161047		10.00	10.10	ug/L	101
08/17/93	LCS933420	GCPEA2308161047		10.00	10.20	ug/L	102
06/09/93	LCS93-850	GCQUE2306091614		10.00	10.70	ug/L	107
06/10/93	LCS93933	GCQUE2306091614		10.00	9.28	ug/L	93
06/14/93	LCSCAL931078	GCQUE2306141634		10.00	9.39	ug/L	94
06/15/93	LCS931080	GCQUE2306141634		10.00	10.10	ug/L	101
09/22/93	LCS934526	GCQUE2309221453		10.00	9.38	ug/L	94
09/23/93	LCS934660	GCQUE2309221453		10.00	9.54	ug/L	95
06/15/93	LCSCAL931094	GCTEX2306152237		10.00	8.51	ug/L	85
06/16/93	LCS931163	GCTEX2306152237		10.00	8.22	ug/L	82
08/24/93	LCS933634	GCTEX2308242018		10.00	9.44	ug/L	94
08/25/93	LCS933640	GCTEX2308242018		10.00	8.70	ug/L	87
09/22/93	LCS934519	GCTEX2309221032		10.00	8.48	ug/L	85
09/23/93	LCS934532	GCTEX2309221032		10.00	8.01	ug/L	80
09/23/93	LCS934663	GCTEX2309231506		10.00	8.93	ug/L	89
09/24/93	LCS934672	GCTEX2309231506		10.00	9.25	ug/L	93
10/06/93	LCS934895	GCTEX2310061111		10.00	9.27	ug/L	93
10/07/93	LCS934905	GCTEX2310061111		10.00	9.20	ug/L	92
Number of Samples : 33				Below acceptance : 0			
Mean % Recovery : 92.4				Above acceptance : 0			
Standard Deviation : 6.64				Acceptance Criteria 42-143			

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : Benzene							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY2309150130		10.00	8.98	ug/L	90
09/16/93	LCS934250	GCJAY2309150130		10.00	8.30	ug/L	83
09/20/93	LCS934491	GCJAY2309201444		10.00	9.62	ug/L	96
09/21/93	LCS934506	GCJAY2309201444		10.00	9.36	ug/L	94
06/19/93	LCS931278	GCKAY1306190024		10.00	8.56	ug/L	86
06/19/93	LCS931279	GCKAY1306190024		10.00	9.71	ug/L	97
06/19/93	LCSCAL931274	GCKAY1306190024		10.00	10.30	ug/L	103
06/21/93	LCSCAL931331	GCKAY1306211455		10.00	10.10	ug/L	101
06/22/93	LCS931334	GCKAY1306211455		10.00	9.29	ug/L	93
06/22/93	LCSCAL931335	GCKAY1306221300		10.00	9.92	ug/L	99
06/23/93	LCS931365	GCKAY1306221300		10.00	8.94	ug/L	89
06/24/93	LCSCAL931416	GCKAY1306240932		10.00	10.80	ug/L	108
06/25/93	LCS931498	GCKAY1306240932		10.00	9.26	ug/L	93
08/09/93	LCS933122	GCKAY1308091931		10.00	8.96	ug/L	90
08/10/93	LCS933136	GCKAY1308091931		10.00	8.77	ug/L	88
08/16/93	LCS933413	GCPEA2308161047		10.00	9.73	ug/L	97
08/17/93	LCS933420	GCPEA2308161047		10.00	9.57	ug/L	96
10/04/93	LCS934882	GCPEA2310041056		10.00	10.50	ug/L	105
10/05/93	LCS934887	GCPEA2310041056		10.00	10.30	ug/L	103
10/05/93	LCS934889	GCPEA2310041056		10.00	9.95	ug/L	100
06/09/93	LCS93-850	GCQUE2306091614		10.00	10.00	ug/L	100
06/10/93	LCS93933	GCQUE2306091614		10.00	9.10	ug/L	91
06/14/93	LCSCAL931078	GCQUE2306141634		10.00	8.94	ug/L	89
06/15/93	LCS931080	GCQUE2306141634		10.00	9.49	ug/L	95
09/22/93	LCS934526	GCQUE2309221453		10.00	8.72	ug/L	87
09/23/93	LCS934660	GCQUE2309221453		10.00	8.97	ug/L	90
06/15/93	LCSCAL931094	GCTEX2306152237		10.00	8.51	ug/L	85
06/16/93	LCS931163	GCTEX2306152237		10.00	8.22	ug/L	82
08/24/93	LCS933634	GCTEX2308242018		10.00	9.64	ug/L	96
08/25/93	LCS933640	GCTEX2308242018		10.00	8.84	ug/L	88
09/22/93	LCS934519	GCTEX2309221032		10.00	8.85	ug/L	89
09/23/93	LCS934532	GCTEX2309221032		10.00	8.41	ug/L	84
09/23/93	LCS934663	GCTEX2309231506		10.00	9.39	ug/L	94
09/24/93	LCS934672	GCTEX2309231506		10.00	9.84	ug/L	98
10/06/93	LCS934895	GCTEX2310061111		10.00	9.69	ug/L	97
10/07/93	LCS934905	GCTEX2310061111		10.00	9.52	ug/L	95

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 93.6	Above acceptance :	0
Standard Deviation	: 6.42	Acceptance Criteria	39-150

Type of Spike : Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY2309201444	0.01	10.00	10.20	ug/L	102
09/21/93	06-MW-07-01 MSD	GCJAY2309201444	0.01	10.00	10.30	ug/L	103

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : Benzene.continued							
Type of Spike : Matrix Spike							
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	0.42	10.00	10.80	ug/L	104
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	0.42	10.00	10.40	ug/L	100
06/22/93	06-MW-01-03 MS	GCKAY1306211455	0.48	10.00	11.70	ug/L	113
06/22/93	06-MW-01-03 MSD	GCKAY1306211455	0.48	10.00	11.60	ug/L	111
06/23/93	05-MW-06-03 MS	GCKAY1306221300	0.03	10.00	10.00	ug/L	100
06/23/93	05-MW-06-03 MSD	GCKAY1306221300	0.03	10.00	10.10	ug/L	100
06/24/93	02-GW-03-03 MS	GCKAY1306240932	0.10	10.00	10.70	ug/L	106
06/24/93	02-GW-03-03 MSD	GCKAY1306240932	0.10	10.00	9.88	ug/L	98
10/04/93	08-SW-01-DS-01	GCPEA2310041056	ND	10.00	10.60	ug/L	106
10/04/93	08-SW-01-DS-01	GCPEA2310041056	ND	10.00	10.60	ug/L	106
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	0.03	10.00	11.60	ug/L	115
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	0.03	10.00	11.50	ug/L	115
06/15/93	10-MW-03-03 MS	GCQUE2306141634	88.10	50.00	147.00	ug/L	118
06/15/93	10-MW-03-03 MSD	GCQUE2306141634	88.10	50.00	144.00	ug/L	111
06/16/93	10-MW-01-03 MS	GCTEX2306152237	0.48	10.00	8.70	ug/L	82
06/16/93	10-MW-01-03 MSD	GCTEX2306152237	0.48	10.00	9.32	ug/L	88
08/25/93	07-SW-03-01 MS	GCTEX2308242018	ND	10.00	10.00	ug/L	100
08/25/93	07-SW-03-01 MSD	GCTEX2308242018	ND	10.00	10.30	ug/L	103
09/23/93	05-MW-14-01	GCTEX2309231506	0.03	10.00	9.86	ug/L	98
09/23/93	05-MW-14-01	GCTEX2309231506	0.03	10.00	9.37	ug/L	93
10/06/93	08-GP-01-01	GCTEX2310061111	0.42	10.00	9.96	ug/L	95
10/06/93	08-GP-01-01	GCTEX2310061111	0.42	10.00	10.40	ug/L	100

Number of Samples : 24 — Below acceptance : 0
Mean % Recovery : 102.8 — Above acceptance : 0
Standard Deviation : 8.58 — Acceptance Criteria 39-150

Method : SW8020 - Aromatic Volatile Organics
Spiked Analyte : Chlorobenzene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY2309150130	10.00	9.29	ug/L	93
09/16/93	LCS934250	GCJAY2309150130	10.00	8.62	ug/L	86
09/20/93	LCS934491	GCJAY2309201444	10.00	9.92	ug/L	99
09/21/93	LCS934506	GCJAY2309201444	10.00	9.66	ug/L	97
06/19/93	LCS931278	GCKAY1306190024	10.00	8.93	ug/L	89
06/19/93	LCS931279	GCKAY1306190024	10.00	10.00	ug/L	100
06/19/93	LCSCAL931274	GCKAY1306190024	10.00	10.50	ug/L	105
06/21/93	LCSCAL931331	GCKAY1306211455	10.00	10.40	ug/L	104
06/22/93	LCS931334	GCKAY1306211455	10.00	9.57	ug/L	96
06/22/93	LCSCAL931335	GCKAY1306221300	10.00	10.10	ug/L	101
06/23/93	LCS931365	GCKAY1306221300	10.00	9.24	ug/L	92
06/24/93	LCSCAL931416	GCKAY1306240932	10.00	10.30	ug/L	103
06/25/93	LCS931498	GCKAY1306240932	10.00	9.70	ug/L	97

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : Chlorobenzene continued							
Type of Spike : Laboratory Control							
08/09/93	LCS933122	GCKAY1308091931		10.00	9.60	ug/L	96
08/10/93	LCS933136	GCKAY1308091931		10.00	9.30	ug/L	93
08/16/93	LCS933413	GCPEA2308161047		10.00	10.10	ug/L	101
08/17/93	LCS933420	GCPEA2308161047		10.00	10.10	ug/L	101
06/09/93	LCS93-850	GCQUE2306091614		10.00	11.10	ug/L	111
06/10/93	LCS93933	GCQUE2306091614		10.00	9.75	ug/L	97
06/14/93	LCSCAL931078	GCQUE2306141634		10.00	9.77	ug/L	98
06/15/93	LCS931080	GCQUE2306141634		10.00	10.40	ug/L	104
09/22/93	LCS934526	GCQUE2309221453		10.00	9.39	ug/L	94
09/23/93	LCS934660	GCQUE2309221453		10.00	9.66	ug/L	97
06/15/93	LCSCAL931094	GCTEX2306152237		10.00	8.89	ug/L	89
06/16/93	LCS931163	GCTEX2306152237		10.00	8.53	ug/L	85
08/24/93	LCS933634	GCTEX2308242018		10.00	10.10	ug/L	101
08/25/93	LCS933640	GCTEX2308242018		10.00	9.26	ug/L	93
09/22/93	LCS934519	GCTEX2309221032		10.00	9.20	ug/L	92
09/23/93	LCS934532	GCTEX2309221032		10.00	8.82	ug/L	88
09/23/93	LCS934663	GCTEX2309231506		10.00	9.71	ug/L	97
09/24/93	LCS934672	GCTEX2309231506		10.00	10.10	ug/L	101
10/06/93	LCS934895	GCTEX2310061111		10.00	10.00	ug/L	100
10/07/93	LCS934905	GCTEX2310061111		10.00	9.97	ug/L	100

Number of Samples	: 33	Below acceptance :	0
Mean % Recovery	: 97.0	Above acceptance :	0
Standard Deviation	: 5.83	Acceptance Criteria	55-135

Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : Ethylbenzene							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY2309150130		10.00	10.40	ug/L	104
09/16/93	LCS934250	GCJAY2309150130		10.00	9.75	ug/L	97
09/20/93	LCS934491	GCJAY2309201444		10.00	11.00	ug/L	110
09/21/93	LCS934506	GCJAY2309201444		10.00	10.90	ug/L	109
06/19/93	LCS931278	GCKAY1306190024		10.00	9.30	ug/L	93
06/19/93	LCS931279	GCKAY1306190024		10.00	10.60	ug/L	106
06/19/93	LCSCAL931274	GCKAY1306190024		10.00	11.00	ug/L	110
06/21/93	LCSCAL931331	GCKAY1306211455		10.00	10.90	ug/L	109
06/22/93	LCS931334	GCKAY1306211455		10.00	10.00	ug/L	100
06/22/93	LCSCAL931335	GCKAY1306221300		10.00	10.60	ug/L	106
06/23/93	LCS931365	GCKAY1306221300		10.00	9.71	ug/L	97
06/24/93	LCSCAL931416	GCKAY1306240932		10.00	10.80	ug/L	108
06/25/93	LCS931498	GCKAY1306240932		10.00	10.20	ug/L	102
08/09/93	LCS933122	GCKAY1308091931		10.00	10.20	ug/L	102
08/10/93	LCS933136	GCKAY1308091931		10.00	9.86	ug/L	99

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : Ethylbenzene continued							
Type of Spike : Laboratory Control							
08/16/93	LCS933413	GCPEA2308161047		10.00	10.70	ug/L	107
08/17/93	LCS933420	GCPEA2308161047		10.00	10.70	ug/L	107
10/04/93	LCS934882	GCPEA2310041056		10.00	11.50	ug/L	115
10/05/93	LCS934887	GCPEA2310041056		10.00	11.40	ug/L	114
10/05/93	LCS934889	GCPEA2310041056		10.00	11.10	ug/L	111
06/09/93	LCS93-850	GCQUE2306091614		10.00	11.40	ug/L	114
06/10/93	LCS93933	GCQUE2306091614		10.00	10.30	ug/L	103
06/14/93	LCSCAL931078	GCQUE2306141634		10.00	10.10	ug/L	101
06/15/93	LCS931080	GCQUE2306141634		10.00	10.90	ug/L	109
09/22/93	LCS934526	GCQUE2309221453		10.00	9.97	ug/L	100
09/23/93	LCS934660	GCQUE2309221453		10.00	10.30	ug/L	103
06/15/93	LCSCAL931094	GCTEX2306152237		10.00	9.22	ug/L	92
06/16/93	LCS931163	GCTEX2306152237		10.00	8.77	ug/L	88
08/24/93	LCS933634	GCTEX2308242018		10.00	10.40	ug/L	104
08/25/93	LCS933640	GCTEX2308242018		10.00	9.57	ug/L	96
09/22/93	LCS934519	GCTEX2309221032		10.00	9.55	ug/L	96
09/23/93	LCS934532	GCTEX2309221032		10.00	9.08	ug/L	91
09/23/93	LCS934663	GCTEX2309231506		10.00	10.10	ug/L	101
09/24/93	LCS934672	GCTEX2309231506		10.00	10.50	ug/L	104
10/06/93	LCS934895	GCTEX2310061111		10.00	10.40	ug/L	104
10/07/93	LCS934905	GCTEX2310061111		10.00	10.30	ug/L	103

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 103.2	Above acceptance :	0
Standard Deviation	: 6.63	Acceptance Criteria	32-160

Type of Spike : Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY2309201444	ND	10.00	10.90	ug/L	109
09/21/93	06-MW-07-01 MSD	GCJAY2309201444	ND	10.00	11.00	ug/L	110
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	0.38	10.00	10.20	ug/L	99
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	0.38	10.00	11.00	ug/L	106
06/22/93	06-MW-01-03 MS	GCKAY1306211455	ND	10.00	10.70	ug/L	107
06/22/93	06-MW-01-03 MSD	GCKAY1306211455	ND	10.00	10.90	ug/L	109
06/23/93	05-MW-06-03 MS	GCKAY1306221300	ND	10.00	9.83	ug/L	98
06/23/93	05-MW-06-03 MSD	GCKAY1306221300	ND	10.00	10.10	ug/L	101
06/24/93	02-GW-03-03 MS	GCKAY1306240932	0.04	10.00	10.50	ug/L	104
06/24/93	02-GW-03-03 MSD	GCKAY1306240932	0.04	10.00	9.79	ug/L	97
10/04/93	08-SW-01-DS-01	GCPEA2310041056	ND	10.00	10.80	ug/L	108
10/04/93	08-SW-01-DS-01	GCPEA2310041056	ND	10.00	10.70	ug/L	107
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	ND	10.00	11.90	ug/L	119
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	ND	10.00	12.00	ug/L	120
06/15/93	10-MW-03-03 MS	GCQUE2306141634	0.15	50.00	57.40	ug/L	115
06/15/93	10-MW-03-03 MSD	GCQUE2306141634	0.15	50.00	56.90	ug/L	113
06/16/93	10-MW-01-03 MS	GCTEX2306152237	0.04	10.00	8.15	ug/L	81

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : Ethylbenzene continued							
Type of Spike : Matrix Spike							
06/16/93	10-MW-01-03 MSD	GCTEX2306152237	0.04	10.00	8.87	ug/L	88
08/25/93	07-SW-03-01 MS	GCTEX2308242018	ND	10.00	10.10	ug/L	101
08/25/93	07-SW-03-01 MSD	GCTEX2308242018	ND	10.00	10.30	ug/L	103
09/23/93	05-MW-14-01	GCTEX2309231506	ND	10.00	9.60	ug/L	96
09/23/93	05-MW-14-01	GCTEX2309231506	ND	10.00	10.10	ug/L	101
10/06/93	08-GP-01-01	GCTEX2310061111	0.19	10.00	9.76	ug/L	96
10/06/93	08-GP-01-01	GCTEX2310061111	0.19	10.00	10.20	ug/L	100

Number of Samples	: 24	Below acceptance :	0
Mean % Recovery	: 103.7	Above acceptance :	0
Standard Deviation	: 9.02	Acceptance Criteria	32-160

Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : Toluene							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY2309150130		10.00	9.36	ug/L	94
09/16/93	LCS934250	GCJAY2309150130		10.00	8.63	ug/L	86
09/20/93	LCS934491	GCJAY2309201444		10.00	9.99	ug/L	100
09/21/93	LCS934506	GCJAY2309201444		10.00	9.80	ug/L	98
06/19/93	LCS931278	GCKAY1306190024		10.00	8.90	ug/L	89
06/19/93	LCS931279	GCKAY1306190024		10.00	10.20	ug/L	102
06/19/93	LCSCAL931274	GCKAY1306190024		10.00	10.70	ug/L	107
06/21/93	LCSCAL931331	GCKAY1306211455		10.00	10.60	ug/L	106
06/22/93	LCS931334	GCKAY1306211455		10.00	9.75	ug/L	97
06/22/93	LCSCAL931335	GCKAY1306221300		10.00	10.30	ug/L	103
06/23/93	LCS931365	GCKAY1306221300		10.00	9.36	ug/L	94
06/24/93	LCSCAL931416	GCKAY1306240932		10.00	10.70	ug/L	107
06/25/93	LCS931498	GCKAY1306240932		10.00	9.79	ug/L	98
08/09/93	LCS933122	GCKAY1308091931		10.00	9.68	ug/L	97
08/10/93	LCS933136	GCKAY1308091931		10.00	9.46	ug/L	95
08/16/93	LCS933413	GCPEA2308161047		10.00	10.40	ug/L	104
08/17/93	LCS933420	GCPEA2308161047		10.00	10.30	ug/L	103
10/04/93	LCS934882	GCPEA2310041056		10.00	11.10	ug/L	111
10/05/93	LCS934887	GCPEA2310041056		10.00	10.90	ug/L	109
10/05/93	LCS934889	GCPEA2310041056		10.00	10.70	ug/L	107
06/09/93	LCS93-850	GCQUE2306091614		10.00	11.10	ug/L	111
06/10/93	LCS93933	GCQUE2306091614		10.00	9.82	ug/L	98
06/14/93	LCSCAL931078	GCQUE2306141634		10.00	9.64	ug/L	96
06/15/93	LCS931080	GCQUE2306141634		10.00	10.40	ug/L	104
09/22/93	LCS934526	GCQUE2309221453		10.00	9.44	ug/L	94
09/23/93	LCS934660	GCQUE2309221453		10.00	9.70	ug/L	97
06/15/93	LCSCAL931094	GCTEX2306152237		10.00	8.87	ug/L	89
06/16/93	LCS931163	GCTEX2306152237		10.00	8.59	ug/L	86

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : Toluene continued							
Type of Spike : Laboratory Control							
08/24/93	LCS933634	GCTEX2308242018		10.00	10.00	ug/L	100
08/25/93	LCS933640	GCTEX2308242018		10.00	9.28	ug/L	93
09/22/93	LCS934519	GCTEX2309221032		10.00	9.25	ug/L	92
09/23/93	LCS934532	GCTEX2309221032		10.00	8.81	ug/L	88
09/23/93	LCS934663	GCTEX2309231506		10.00	9.79	ug/L	98
09/24/93	LCS934672	GCTEX2309231506		10.00	10.10	ug/L	101
10/06/93	LCS934895	GCTEX2310061111		10.00	10.10	ug/L	101
10/07/93	LCS934905	GCTEX2310061111		10.00	9.98	ug/L	100
Number of Samples : 36			Below acceptance : 0				
Mean % Recovery : 98.8			Above acceptance : 0				
Standard Deviation : 6.74			Acceptance Criteria 46-148				
Type of Spike : Matrix Spike							
09/21/93	06-MW-07-01 MS	GCJAY2309201444	0.11	10.00	10.10	ug/L	99
09/21/93	06-MW-07-01 MSD	GCJAY2309201444	0.11	10.00	10.20	ug/L	101
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	0.71	10.00	10.20	ug/L	95
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	0.71	10.00	10.60	ug/L	99
06/22/93	06-MW-01-03 MS	GCKAY1306211455	0.16	10.00	10.90	ug/L	108
06/22/93	06-MW-01-03 MSD	GCKAY1306211455	0.16	10.00	11.10	ug/L	109
06/23/93	05-MW-06-03 MS	GCKAY1306221300	0.07	10.00	9.81	ug/L	97
06/23/93	05-MW-06-03 MSD	GCKAY1306221300	0.07	10.00	9.94	ug/L	99
06/24/93	02-GW-03-03 MS	GCKAY1306240932	0.12	10.00	10.50	ug/L	104
06/24/93	02-GW-03-03 MSD	GCKAY1306240932	0.12	10.00	9.73	ug/L	96
10/04/93	08-SW-01-DS-01	GCPEA2310041056	0.05	10.00	10.60	ug/L	106
10/04/93	08-SW-01-DS-01	GCPEA2310041056	0.05	10.00	10.60	ug/L	105
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	0.02	10.00	11.70	ug/L	117
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	0.02	10.00	11.80	ug/L	117
06/15/93	10-MW-03-03 MS	GCQUE2306141634	0.16	50.00	56.40	ug/L	113
06/15/93	10-MW-03-03 MSD	GCQUE2306141634	0.16	50.00	56.00	ug/L	112
06/16/93	10-MW-01-03 MS	GCTEX2306152237	0.11	10.00	8.57	ug/L	85
06/16/93	10-MW-01-03 MSD	GCTEX2306152237	0.11	10.00	8.89	ug/L	88
08/25/93	07-SW-03-01 MS	GCTEX2308242018	0.03	10.00	9.92	ug/L	99
08/25/93	07-SW-03-01 MSD	GCTEX2308242018	0.03	10.00	10.20	ug/L	102
09/23/93	05-MW-14-01	GCTEX2309231506	0.02	10.00	9.38	ug/L	94
09/23/93	05-MW-14-01	GCTEX2309231506	0.02	10.00	9.81	ug/L	98
10/06/93	08-GP-01-01	GCTEX2310061111	0.98	10.00	10.70	ug/L	98
10/06/93	08-GP-01-01	GCTEX2310061111	0.98	10.00	10.30	ug/L	93
Number of Samples : 24			Below acceptance : 0				
Mean % Recovery : 101.4			Above acceptance : 0				
Standard Deviation : 8.30			Acceptance Criteria 46-148				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : Xylene (total)							
Type of Spike : Laboratory Control							
09/15/93	LCS934242	GCJAY2309150130		30.00	28.50	ug/L	95
09/16/93	LCS934250	GCJAY2309150130		30.00	26.80	ug/L	89
09/20/93	LCS934491	GCJAY2309201444		30.00	30.70	ug/L	102
09/21/93	LCS934506	GCJAY2309201444		30.00	30.30	ug/L	101
06/19/93	LCS931278	GCKAY1306190024		30.00	26.80	ug/L	89
06/19/93	LCS931279	GCKAY1306190024		30.00	30.40	ug/L	101
06/19/93	LCSCAL931274	GCKAY1306190024		30.00	31.50	ug/L	105
06/21/93	LCSCAL931331	GCKAY1306211455		30.00	31.10	ug/L	104
06/22/93	LCS931334	GCKAY1306211455		30.00	28.70	ug/L	96
06/22/93	LCSCAL931335	GCKAY1306221300		30.00	30.40	ug/L	101
06/23/93	LCS931365	GCKAY1306221300		30.00	27.80	ug/L	93
06/24/93	LCSCAL931416	GCKAY1306240932		30.00	31.30	ug/L	104
06/25/93	LCS931498	GCKAY1306240932		30.00	29.40	ug/L	98
08/09/93	LCS933122	GCKAY1308091931		30.00	31.00	ug/L	103
08/10/93	LCS933136	GCKAY1308091931		30.00	29.50	ug/L	98
08/16/93	LCS933413	GCPEA2308161047		30.00	32.20	ug/L	107
08/17/93	LCS933420	GCPEA2308161047		30.00	32.10	ug/L	107
10/04/93	LCS934882	GCPEA2310041056		30.00	34.30	ug/L	114
10/05/93	LCS934887	GCPEA2310041056		30.00	34.10	ug/L	114
10/05/93	LCS934889	GCPEA2310041056		30.00	33.10	ug/L	110
06/09/93	LCS93-850	GCQUE2306091614		30.00	33.80	ug/L	113
06/10/93	LCS93933	GCQUE2306091614		30.00	29.70	ug/L	99
06/14/93	LCSCAL931078	GCQUE2306141634		30.00	29.40	ug/L	98
06/15/93	LCS931080	GCQUE2306141634		30.00	32.00	ug/L	107
09/22/93	LCS934526	GCQUE2309221453		30.00	29.90	ug/L	100
09/23/93	LCS934660	GCQUE2309221453		30.00	30.70	ug/L	102
06/15/93	LCSCAL931094	GCTEX2306152237		30.00	26.70	ug/L	89
06/16/93	LCS931163	GCTEX2306152237		30.00	25.50	ug/L	85
08/24/93	LCS933634	GCTEX2308242018		30.00	30.00	ug/L	100
08/25/93	LCS933640	GCTEX2308242018		30.00	27.60	ug/L	92
09/22/93	LCS934519	GCTEX2309221032		30.00	27.50	ug/L	92
09/23/93	LCS934532	GCTEX2309221032		30.00	26.20	ug/L	87
09/23/93	LCS934663	GCTEX2309231506		30.00	29.00	ug/L	97
09/24/93	LCS934672	GCTEX2309231506		30.00	30.20	ug/L	101
10/06/93	LCS934895	GCTEX2310061111		30.00	29.90	ug/L	100
10/07/93	LCS934905	GCTEX2310061111		30.00	29.70	ug/L	99

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 99.8	Above acceptance :	0
Standard Deviation	: 7.33	Acceptance Criteria	61-129

Type of Spike : Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY2309201444	ND	30.00	30.30	ug/L	101
09/21/93	06-MW-07-01 MSD	GCJAY2309201444	ND	30.00	29.30	ug/L	98

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : Xylene (total) continued							
Type of Spike : Matrix Spike							
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	1.30	30.00	32.00	ug/L	102
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	1.30	30.00	29.90	ug/L	95
06/22/93	06-MW-01-03 MS	GCKAY1306211455	0.03	30.00	31.30	ug/L	104
06/22/93	06-MW-01-03 MSD	GCKAY1306211455	0.03	30.00	31.80	ug/L	106
06/23/93	05-MW-06-03 MS	GCKAY1306221300	0.05	30.00	28.60	ug/L	95
06/23/93	05-MW-06-03 MSD	GCKAY1306221300	0.05	30.00	29.40	ug/L	98
06/24/93	02-GW-03-03 MS	GCKAY1306240932	0.16	30.00	30.80	ug/L	102
06/24/93	02-GW-03-03 MSD	GCKAY1306240932	0.16	30.00	28.90	ug/L	96
10/04/93	08-SW-01-DS-01	GCPEA2310041056	ND	30.00	32.90	ug/L	110
10/04/93	08-SW-01-DS-01	GCPEA2310041056	ND	30.00	32.60	ug/L	109
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	ND	30.00	36.00	ug/L	120
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	ND	30.00	35.70	ug/L	119
06/15/93	10-MW-03-03 MS	GCQUE2306141634	15.00	150.00	200.00	ug/L	123
06/15/93	10-MW-03-03 MSD	GCQUE2306141634	15.00	150.00	196.00	ug/L	121
06/16/93	10-MW-01-03 MS	GCTEX2306152237	0.17	30.00	29.90	ug/L	99
06/16/93	10-MW-01-03 MSD	GCTEX2306152237	0.17	30.00	26.20	ug/L	87
08/25/93	07-SW-03-01 MS	GCTEX2308242018	0.02	30.00	29.60	ug/L	98
08/25/93	07-SW-03-01 MSD	GCTEX2308242018	0.02	30.00	30.40	ug/L	101
09/23/93	05-MW-14-01	GCTEX2309231506	0.03	30.00	29.60	ug/L	99
09/23/93	05-MW-14-01	GCTEX2309231506	0.03	30.00	28.20	ug/L	94
10/06/93	08-GP-01-01	GCTEX2310061111	0.98	30.00	29.00	ug/L	93
10/06/93	08-GP-01-01	GCTEX2310061111	0.98	30.00	30.40	ug/L	98

Number of Samples	: 24	Below acceptance :	0
Mean % Recovery	: 102.8	Above acceptance :	0
Standard Deviation	: 9.60	Acceptance Criteria	61-129

Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : 1,4-Bromofluorobenzene							
Type of Spike : Surrogate - Ambient Blank							
09/23/93	AB-08	GCJAY2309231030		20.00	21.90	ug/L	110
09/24/93	AB-09	GCJAY2309231030		20.00	20.50	ug/L	103
06/19/93	BA-04	GCKAY1306190024		20.00	16.50	ug/L	83
06/19/93	BA-05	GCKAY1306190024		20.00	19.10	ug/L	95
06/22/93	BA-06	GCKAY1306211455		20.00	18.40	ug/L	92
06/23/93	BA-07	GCKAY1306221300		20.00	17.40	ug/L	87
06/23/93	BA-08	GCKAY1306221300		20.00	18.60	ug/L	93
06/23/93	BA-09	GCKAY1306221300		20.00	18.00	ug/L	90
06/15/93	BA-01	GCTEX2306141311		20.00	15.00	ug/L	75
06/16/93	BA-02	GCTEX2306152237		20.00	18.10	ug/L	90
09/23/93	AB-07	GCTEX2309221032		20.00	18.10	ug/L	90
09/24/93	AB-10	GCTEX2309231506		20.00	18.20	ug/L	91
09/24/93	AB-11	GCTEX2309231506		20.00	18.60	ug/L	93

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : 1,4-Bromofluorobenzene continued							
Type of Spike : Surrogate - Ambient Blank							
Number of Samples : 13			Below acceptance : 0				
Mean % Recovery : 91.7			Above acceptance : 0				
Standard Deviation : 8.48			Acceptance Criteria 59-142				
Type of Spike : Surrogate - Equipment Blank							
06/24/93	04-MW-01-EB-03	GCKAY1306240932		20.00	18.00	ug/L	90
10/07/93	08-GP-01-EB-01	GCTEX2310061111		20.00	18.30	ug/L	92
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 91.0			Above acceptance : 0				
Standard Deviation : 1.41			Acceptance Criteria 59-142				
Type of Spike : Surrogate - Field Duplicate							
09/21/93	06-MW-07-DS-01	GCJAY2309201444		20.00	20.50	ug/L	102
06/19/93	07-MW-02-DS-03	GCKAY1306190024		20.00	18.70	ug/L	94
06/24/93	02-GW-03-DS-03	GCKAY1306240932		20.00	16.80	ug/L	84
06/24/93	05-MW-03-DS-03	GCKAY1306240932		5000.00	4590.00	ug/L	92
10/04/93	08-SW-01-DS-01	GCPEA2310041056		20.00	21.20	ug/L	106
06/10/93	12-MW-02-DS-03	GCQUE2306091614		20.00	20.70	ug/L	103
09/24/93	05-MW-14-DS-01	GCTEX2309231506		20.00	19.00	ug/L	95
Number of Samples : 7			Below acceptance : 0				
Mean % Recovery : 96.6			Above acceptance : 0				
Standard Deviation : 7.61			Acceptance Criteria 59-142				
Type of Spike : Surrogate - Laboratory Control							
09/15/93	LCS934242	GCJAY2309150130		20.00	20.20	ug/L	101
09/16/93	LCS934250	GCJAY2309150130		20.00	20.60	ug/L	103
09/20/93	LCS934491	GCJAY2309201444		20.00	20.10	ug/L	100
09/21/93	LCS934506	GCJAY2309201444		20.00	20.00	ug/L	100
06/19/93	LCS931278	GCKAY1306190024		20.00	18.30	ug/L	91
06/19/93	LCS931279	GCKAY1306190024		20.00	18.50	ug/L	92
06/19/93	LCSCAL931274	GCKAY1306190024		20.00	18.50	ug/L	93
06/21/93	LCSCAL931331	GCKAY1306211455		20.00	19.00	ug/L	95
06/22/93	LCS931334	GCKAY1306211455		20.00	17.40	ug/L	87
06/22/93	LCSCAL931335	GCKAY1306221300		20.00	18.20	ug/L	91
06/23/93	LCS931365	GCKAY1306221300		20.00	17.10	ug/L	86
06/24/93	LCSCAL931416	GCKAY1306240932		20.00	18.20	ug/L	91
06/25/93	LCS931498	GCKAY1306240932		20.00	19.50	ug/L	97
08/09/93	LCS933122	GCKAY1308091931		20.00	18.20	ug/L	91

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : 1,4-Bromofluorobenzene continued							
Type of Spike : Surrogate - Laboratory Control							
08/10/93	LCS933136	GCKAY1308091931		20.00	16.60	ug/L	83
08/16/93	LCS933413	GCPEA2308161047		20.00	19.60	ug/L	98
08/17/93	LCS933420	GCPEA2308161047		20.00	18.50	ug/L	93
10/04/93	LCS934882	GCPEA2310041056		20.00	22.10	ug/L	110
10/05/93	LCS934887	GCPEA2310041056		20.00	19.90	ug/L	99
10/05/93	LCS934889	GCPEA2310041056		20.00	20.60	ug/L	103
06/09/93	LCS93-850	GCQUE2306091614		20.00	24.20	ug/L	121
06/10/93	LCS93933	GCQUE2306091614		20.00	22.80	ug/L	114
06/14/93	LCSCAL931078	GCQUE2306141634		20.00	20.30	ug/L	101
06/15/93	LCS931080	GCQUE2306141634		20.00	20.40	ug/L	102
09/22/93	LCS934526	GCQUE2309221453		20.00	19.40	ug/L	97
09/23/93	LCS934660	GCQUE2309221453		20.00	21.00	ug/L	105
06/15/93	LCSCAL931094	GCTEX2306152237		20.00	15.90	ug/L	80
06/16/93	LCS931163	GCTEX2306152237		20.00	17.20	ug/L	86
08/24/93	LCS933634	GCTEX2308242018		20.00	19.90	ug/L	100
08/25/93	LCS933640	GCTEX2308242018		20.00	19.40	ug/L	97
09/22/93	LCS934519	GCTEX2309221032		20.00	16.60	ug/L	83
09/23/93	LCS934532	GCTEX2309221032		20.00	18.60	ug/L	93
09/23/93	LCS934663	GCTEX2309231506		20.00	18.20	ug/L	91
09/24/93	LCS934672	GCTEX2309231506		20.00	18.10	ug/L	90
10/06/93	LCS934895	GCTEX2310061111		20.00	19.10	ug/L	96
10/07/93	LCS934905	GCTEX2310061111		20.00	18.30	ug/L	92

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 95.9	Above acceptance :	0
Standard Deviation	: 8.57	Acceptance Criteria	59-142

Type of Spike : Surrogate - Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY2309201444	20.00	20.10	ug/L	101
09/21/93	06-MW-07-01 MSD	GCJAY2309201444	20.00	20.90	ug/L	104
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	20.00	16.90	ug/L	84
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	20.00	18.10	ug/L	90
06/22/93	06-MW-01-03 MS	GCKAY1306211455	20.00	19.00	ug/L	95
06/22/93	06-MW-01-03 MSD	GCKAY1306211455	20.00	18.70	ug/L	94
06/23/93	05-MW-06-03 MS	GCKAY1306221300	20.00	17.00	ug/L	85
06/23/93	05-MW-06-03 MSD	GCKAY1306221300	20.00	18.50	ug/L	92
06/24/93	02-GW-03-03 MS	GCKAY1306240932	20.00	18.20	ug/L	91
06/24/93	02-GW-03-03 MSD	GCKAY1306240932	20.00	17.80	ug/L	89
10/04/93	08-SW-01-DS-01	GCPEA2310041056	20.00	20.40	ug/L	102
10/04/93	08-SW-01-DS-01	GCPEA2310041056	20.00	21.20	ug/L	106
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	20.00	25.70	ug/L	128
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	20.00	22.00	ug/L	110
06/15/93	10-MW-03-03 MS	GCQUE2306141634	100.00	102.00	ug/L	102
06/15/93	10-MW-03-03 MSD	GCQUE2306141634	100.00	114.00	ug/L	114

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : 1,4-Bromofluorobenzene continued							
Type of Spike : Surrogate - Matrix Spike							
06/16/93	10-MW-01-03 MS	GCTEX2306152237		20.00	17.90	ug/L	90
06/16/93	10-MW-01-03 MSD	GCTEX2306152237		20.00	19.90	ug/L	100
08/25/93	07-SW-03-01 MS	GCTEX2308242018		20.00	19.60	ug/L	98
08/25/93	07-SW-03-01 MSD	GCTEX2308242018		20.00	18.60	ug/L	93
09/23/93	05-MW-14-01	GCTEX2309231506		20.00	18.50	ug/L	92
09/23/93	05-MW-14-01	GCTEX2309231506		20.00	19.50	ug/L	98
10/06/93	08-GP-01-01	GCTEX2310061111		20.00	19.50	ug/L	98
10/06/93	08-GP-01-01	GCTEX2310061111		20.00	19.50	ug/L	97
Number of Samples : 24			Below acceptance : 0				
Mean % Recovery : 98.0			Above acceptance : 0				
Standard Deviation : 9.76			Acceptance Criteria 59-142				
Type of Spike : Surrogate - Method Blank							
09/15/93	BLK932371	GCJAY2309150130		20.00	20.00	ug/L	100
09/20/93	BLK932379	GCJAY2309201444		20.00	20.90	ug/L	105
06/19/93	BLK93552	GCKAY1306190024		20.00	18.40	ug/L	92
06/21/93	BLK93695	GCKAY1306211455		20.00	19.00	ug/L	95
06/22/93	BLK93698	GCKAY1306221300		20.00	17.30	ug/L	86
06/24/93	BLK93704	GCKAY1306240932		20.00	17.10	ug/L	86
08/09/93	BLK931827	GCKAY1308091931		20.00	17.80	ug/L	89
08/16/93	BLK931977	GCPEA2308161047		20.00	18.20	ug/L	91
10/04/93	BLK932891	GCPEA2310041056		20.00	20.90	ug/L	105
06/09/93	BLK93460	GCQUE2306091614		20.00	23.40	ug/L	117
06/14/93	BLK93545	GCQUE2306141634		20.00	20.90	ug/L	105
09/22/93	BLK932686	GCQUE2309221453		20.00	20.90	ug/L	105
06/16/93	BLK93548	GCTEX2306152237		20.00	16.50	ug/L	82
08/24/93	BLK931998	GCTEX2308242018		20.00	19.20	ug/L	96
09/22/93	BLK932683	GCTEX2309221032		20.00	17.10	ug/L	86
09/23/93	BLK932690	GCTEX2309231506		20.00	18.30	ug/L	92
10/06/93	BLK932895	GCTEX2310061111		20.00	19.40	ug/L	97
Number of Samples : 17			Below acceptance : 0				
Mean % Recovery : 95.8			Above acceptance : 0				
Standard Deviation : 9.30			Acceptance Criteria 59-142				
Type of Spike : Surrogate - Normal Sample							
09/15/93	10-MW-04-01	GCJAY2309150130		20.00	19.90	ug/L	99
09/21/93	05-MW-13-01	GCJAY2309201444		20.00	20.50	ug/L	102
09/21/93	06-MW-07-01	GCJAY2309201444		20.00	20.90	ug/L	104
09/23/93	05-MW-15-01	GCJAY2309231030		20.00	20.50	ug/L	102
06/19/93	01-MW-01-03	GCKAY1306190024		20.00	18.20	ug/L	91

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DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : 1,4-Bromofluorobenzene continued							
Type of Spike : Surrogate - Normal Sample							
06/19/93	01-MW-02-03	GCKAY1306190024		20.00	17.90	ug/L	90
06/19/93	06-MW-03-03	GCKAY1306190024		20.00	16.90	ug/L	85
06/19/93	07-MW-02-03	GCKAY1306190024		20.00	18.40	ug/L	92
06/19/93	09-MW-01-03	GCKAY1306190024		20.00	18.40	ug/L	92
06/19/93	09-MW-02-03	GCKAY1306190024		20.00	18.20	ug/L	91
06/19/93	09-MW-03-03	GCKAY1306190024		20.00	18.60	ug/L	93
06/19/93	09-MW-04-03	GCKAY1306190024		20.00	19.60	ug/L	98
06/19/93	09-MW-05-03	GCKAY1306190024		20.00	19.20	ug/L	96
06/19/93	09-MW-06-03	GCKAY1306190024		20.00	18.00	ug/L	90
06/19/93	10-MW-02-03	GCKAY1306190024		500.00	484.00	ug/L	97
06/21/93	06-MW-01-03	GCKAY1306211455		20.00	19.30	ug/L	96
06/22/93	06-MW-02-03	GCKAY1306211455		20.00	20.00	ug/L	100
06/22/93	06-MW-04-03	GCKAY1306211455		100.00	98.20	ug/L	98
06/22/93	05-MW-01-03	GCKAY1306221300		20.00	20.30	ug/L	101
06/22/93	05-MW-02-03	GCKAY1306221300		20.00	18.50	ug/L	92
06/23/93	05-MW-03-03	GCKAY1306221300		5000.00	4370.00	ug/L	87
06/23/93	05-MW-06-03	GCKAY1306221300		20.00	17.70	ug/L	88
06/24/93	02-GW-03-03	GCKAY1306240932		20.00	18.30	ug/L	92
06/24/93	05-MW-04-03	GCKAY1306240932		40000.00	36700.00	ug/L	92
06/24/93	05-MW-05-03	GCKAY1306240932		2000.00	1780.00	ug/L	89
08/10/93	07-MW-04-03	GCKAY1308091931		20.00	16.80	ug/L	84
08/16/93	07-MW-01-03	GCPEA2308161047		20.00	18.90	ug/L	95
08/16/93	07-MW-03-03	GCPEA2308161047		20.00	18.20	ug/L	91
10/04/93	08-SW-01-01	GCPEA2310041056		20.00	21.00	ug/L	105
10/04/93	08-SW-02-01	GCPEA2310041056		20.00	20.20	ug/L	101
10/04/93	08-SW-03-01	GCPEA2310041056		20.00	20.70	ug/L	104
10/05/93	22-GP-01-01	GCPEA2310041056		20.00	20.60	ug/L	103
10/05/93	22-GP-02-01	GCPEA2310041056		20.00	20.90	ug/L	104
10/05/93	22-GP-03-01	GCPEA2310041056		20.00	20.70	ug/L	103
06/09/93	12-MW-01-03	GCQUE2306091614		20.00	21.40	ug/L	107
06/10/93	04-MW-02-03	GCQUE2306091614		20.00	19.40	ug/L	97
06/10/93	04-MW-03-03	GCQUE2306091614		20.00	20.90	ug/L	104
06/10/93	12-MW-02-03	GCQUE2306091614		20.00	24.10	ug/L	120
06/14/93	10-MW-03-03	GCQUE2306141634		100.00	102.00	ug/L	102
09/23/93	01-MW-07-01	GCQUE2309221453		20.00	20.70	ug/L	104
09/23/93	01-MW-08-01	GCQUE2309221453		20.00	20.30	ug/L	101
06/16/93	10-MW-01-03	GCTEX2306152237		20.00	16.80	ug/L	84
08/25/93	07-SW-03-01	GCTEX2308242018		20.00	19.40	ug/L	97
08/25/93	07-SW-04-01	GCTEX2308242018		20.00	20.10	ug/L	101
08/25/93	07-SW-05-01	GCTEX2308242018		20.00	19.20	ug/L	96
08/25/93	07-SW-06-01	GCTEX2308242018		20.00	19.00	ug/L	95
08/25/93	07-SW-07-01	GCTEX2308242018		20.00	18.90	ug/L	94
09/23/93	09-MW-15-01	GCTEX2309221032		20.00	17.60	ug/L	88
09/23/93	05-MW-14-01	GCTEX2309231506		20.00	18.30	ug/L	91
10/06/93	08-GP-01-01	GCTEX2310061111		20.00	19.00	ug/L	95
10/07/93	08-GP-02-01	GCTEX2310061111		20.00	18.50	ug/L	92

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : 1,4-Bromofluorobenzene continued							
Type of Spike : Surrogate - Normal Sample							
10/07/93	08-GP-03-01	GCTEX2310061111		20.00	18.40	ug/L	92
Number of Samples : 52			Below acceptance : 0				
Mean % Recovery : 96.3			Above acceptance : 0				
Standard Deviation : 6.86			Acceptance Criteria 59-142				
Type of Spike : Surrogate - Trip Blank							
09/15/93	TB-07-02	GCJAY2309150130		20.00	19.20	ug/L	96
09/21/93	TB-08-02	GCJAY2309201444		20.00	20.60	ug/L	103
09/24/93	TB-10-02	GCJAY2309231030		20.00	19.60	ug/L	98
06/19/93	BT-06	GCKAY1306190024		20.00	16.60	ug/L	83
06/19/93	BT-07	GCKAY1306190024		20.00	20.20	ug/L	101
06/22/93	BT-08	GCKAY1306211455		20.00	19.20	ug/L	96
06/23/93	BT-09	GCKAY1306221300		20.00	17.70	ug/L	88
06/23/93	BT-10	GCKAY1306221300		20.00	17.70	ug/L	89
08/10/93	BT-11	GCKAY1308091931		20.00	17.20	ug/L	86
08/17/93	BT-12	GCPEA2308161047		20.00	17.50	ug/L	87
10/05/93	TB-13-02	GCPEA2310041056		20.00	20.30	ug/L	102
06/09/93	BT-01	GCQUE2306091614		20.00	21.50	ug/L	107
06/10/93	BT-02	GCQUE2306091614		20.00	20.90	ug/L	104
06/14/93	BT-03	GCTEX2306141311		20.00	15.10	ug/L	76
06/16/93	BT-04	GCTEX2306152237		20.00	16.50	ug/L	83
08/25/93	TB-06-02	GCTEX2308242018		20.00	19.80	ug/L	99
09/23/93	TB-09-02	GCTEX2309221032		20.00	17.20	ug/L	86
09/24/93	TB-11-02	GCTEX2309231506		20.00	18.50	ug/L	92
Number of Samples : 18			Below acceptance : 0				
Mean % Recovery : 93.1			Above acceptance : 0				
Standard Deviation : 8.76			Acceptance Criteria 59-142				
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Ambient Blank							
09/23/93	AB-08	GCJAY2309231030		20.00	23.60	ug/L	118
09/24/93	AB-09	GCJAY2309231030		20.00	21.50	ug/L	107
06/19/93	BA-04	GCKAY1306190024		20.00	20.20	ug/L	101
06/19/93	BA-05	GCKAY1306190024		20.00	22.30	ug/L	111
06/22/93	BA-06	GCKAY1306211455		20.00	22.40	ug/L	112
06/23/93	BA-07	GCKAY1306221300		20.00	21.10	ug/L	105
06/23/93	BA-08	GCKAY1306221300		20.00	21.60	ug/L	108
06/23/93	BA-09	GCKAY1306221300		20.00	21.80	ug/L	109

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : Trifluorotoluene continued							
Type of Spike : Surrogate - Ambient Blank							
06/15/93	BA-01	GCTEX2306141311		20.00	16.80	ug/L	84
06/16/93	BA-02	GCTEX2306152237		20.00	20.80	ug/L	104
09/23/93	AB-07	GCTEX2309221032		20.00	21.20	ug/L	106
09/24/93	AB-10	GCTEX2309231506		20.00	21.00	ug/L	105
09/24/93	AB-11	GCTEX2309231506		20.00	21.40	ug/L	107
Number of Samples : 13			Below acceptance : 0				
Mean % Recovery : 105.9			Above acceptance : 0				
Standard Deviation : 7.83			Acceptance Criteria 50-150				
Type of Spike : Surrogate - Equipment Blank							
06/24/93	04-MW-01-EB-03	GCKAY1306240932		20.00	22.00	ug/L	110
10/07/93	08-GP-01-EB-01	GCTEX2310061111		20.00	20.90	ug/L	105
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 107.5			Above acceptance : 0				
Standard Deviation : 3.54			Acceptance Criteria 50-150				
Type of Spike : Surrogate - Field Duplicate							
09/21/93	06-MW-07-DS-01	GCJAY2309201444		20.00	21.40	ug/L	107
06/19/93	07-MW-02-DS-03	GCKAY1306190024		20.00	22.70	ug/L	114
06/24/93	02-GW-03-DS-03	GCKAY1306240932		20.00	20.50	ug/L	102
06/24/93	05-MW-03-DS-03	GCKAY1306240932		5000.00	5710.00	ug/L	114
10/04/93	08-SW-01-DS-01	GCPEA2310041056		20.00	25.60	ug/L	128
06/10/93	12-MW-02-DS-03	GCQUE2306091614		20.00	22.80	ug/L	114
09/24/93	05-MW-14-DS-01	GCTEX2309231506		20.00	22.20	ug/L	111
Number of Samples : 7			Below acceptance : 0				
Mean % Recovery : 112.9			Above acceptance : 0				
Standard Deviation : 8.05			Acceptance Criteria 50-150				
Type of Spike : Surrogate - Laboratory Control							
09/15/93	LCS934242	GCJAY2309150130		20.00	20.80	ug/L	104
09/16/93	LCS934250	GCJAY2309150130		20.00	21.50	ug/L	108
09/20/93	LCS934491	GCJAY2309201444		20.00	21.00	ug/L	105
09/21/93	LCS934506	GCJAY2309201444		20.00	21.40	ug/L	107
06/19/93	LCS931278	GCKAY1306190024		20.00	21.90	ug/L	109
06/19/93	LCS931279	GCKAY1306190024		20.00	22.50	ug/L	112
06/19/93	LCSCAL931274	GCKAY1306190024		20.00	22.10	ug/L	111
06/21/93	LCSCAL931331	GCKAY1306211455		20.00	22.10	ug/L	110

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : Trifluorotoluene continued							
Type of Spike : Surrogate - Laboratory Control							
06/22/93	LCS931334	GCKAY1306211455		20.00	21.10	ug/L	106
06/22/93	LCSCAL931335	GCKAY1306221300		20.00	21.90	ug/L	109
06/23/93	LCS931365	GCKAY1306221300		20.00	20.20	ug/L	101
06/24/93	LCSCAL931416	GCKAY1306240932		20.00	21.80	ug/L	109
06/25/93	LCS931498	GCKAY1306240932		20.00	23.00	ug/L	115
08/09/93	LCS933122	GCKAY1308091931		20.00	18.40	ug/L	92
08/10/93	LCS933136	GCKAY1308091931		20.00	17.70	ug/L	88
08/16/93	LCS933413	GCPEA2308161047		20.00	21.30	ug/L	106
08/17/93	LCS933420	GCPEA2308161047		20.00	20.30	ug/L	101
10/04/93	LCS934882	GCPEA2310041056		20.00	26.60	ug/L	133
10/05/93	LCS934887	GCPEA2310041056		20.00	24.30	ug/L	122
10/05/93	LCS934889	GCPEA2310041056		20.00	25.00	ug/L	125
06/09/93	LCS93-850	GCQUE2306091614		20.00	26.30	ug/L	132
06/10/93	LCS93933	GCQUE2306091614		20.00	26.40	ug/L	132
06/14/93	LCSCAL931078	GCQUE2306141634		20.00	22.20	ug/L	111
06/15/93	LCS931080	GCQUE2306141634		20.00	22.50	ug/L	112
09/22/93	LCS934526	GCQUE2309221453		20.00	20.10	ug/L	101
09/23/93	LCS934660	GCQUE2309221453		20.00	22.60	ug/L	113
06/15/93	LCSCAL931094	GCTEX2306152237		20.00	17.90	ug/L	90
06/16/93	LCS931163	GCTEX2306152237		20.00	19.70	ug/L	99
08/24/93	LCS933634	GCTEX2308242018		20.00	23.20	ug/L	116
08/25/93	LCS933640	GCTEX2308242018		20.00	22.90	ug/L	114
09/22/93	LCS934519	GCTEX2309221032		20.00	18.50	ug/L	93
09/23/93	LCS934532	GCTEX2309221032		20.00	21.40	ug/L	107
09/23/93	LCS934663	GCTEX2309231506		20.00	20.60	ug/L	103
09/24/93	LCS934672	GCTEX2309231506		20.00	21.10	ug/L	106
10/06/93	LCS934895	GCTEX2310061111		20.00	21.80	ug/L	109
10/07/93	LCS934905	GCTEX2310061111		20.00	20.70	ug/L	103

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 108.7	Above acceptance :	0
Standard Deviation	: 10.69	Acceptance Criteria	50-150

Type of Spike : Surrogate - Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY2309201444	20.00	21.30	ug/L	107
09/21/93	06-MW-07-01 MSD	GCJAY2309201444	20.00	22.50	ug/L	112
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	20.00	22.50	ug/L	113
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	20.00	20.90	ug/L	104
06/22/93	06-MW-01-03 MS	GCKAY1306211455	20.00	23.20	ug/L	116
06/22/93	06-MW-01-03 MSD	GCKAY1306211455	20.00	22.70	ug/L	114
06/23/93	05-MW-06-03 MS	GCKAY1306221300	20.00	21.00	ug/L	105
06/23/93	05-MW-06-03 MSD	GCKAY1306221300	20.00	22.30	ug/L	112
06/24/93	02-GW-03-03 MS	GCKAY1306240932	20.00	22.10	ug/L	111
06/24/93	02-GW-03-03 MSD	GCKAY1306240932	20.00	21.80	ug/L	109

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : Trifluorotoluene continued							
Type of Spike : Surrogate - Matrix Spike							
10/04/93	08-SW-01-DS-01	GCPEA2310041056		20.00	24.60	ug/L	123
10/04/93	08-SW-01-DS-01	GCPEA2310041056		20.00	25.80	ug/L	129
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614		20.00	24.60	ug/L	123
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614		20.00	28.00	ug/L	140
06/15/93	10-MW-03-03 MS	GCQUE2306141634		100.00	116.00	ug/L	116
06/15/93	10-MW-03-03 MSD	GCQUE2306141634		100.00	129.00	ug/L	129
06/16/93	10-MW-01-03 MS	GCTEX2306152237		20.00	20.70	ug/L	103
06/16/93	10-MW-01-03 MSD	GCTEX2306152237		20.00	22.60	ug/L	113
08/25/93	07-SW-03-01 MS	GCTEX2308242018		20.00	23.10	ug/L	115
08/25/93	07-SW-03-01 MSD	GCTEX2308242018		20.00	22.40	ug/L	112
09/23/93	05-MW-14-01	GCTEX2309231506		20.00	22.50	ug/L	113
09/23/93	05-MW-14-01	GCTEX2309231506		20.00	21.40	ug/L	107
10/06/93	08-GP-01-01	GCTEX2310061111		20.00	22.70	ug/L	114
10/06/93	08-GP-01-01	GCTEX2310061111		20.00	22.80	ug/L	114

Number of Samples	: 24	Below acceptance :	0
Mean % Recovery	: 114.8	Above acceptance :	0
Standard Deviation	: 8.68	Acceptance Criteria	50-150

Type of Spike : Surrogate - Method Blank

09/15/93	BLK932371	GCJAY2309150130	20.00	21.10	ug/L	106
09/20/93	BLK932379	GCJAY2309201444	20.00	21.90	ug/L	109
06/19/93	BLK93552	GCKAY1306190024	20.00	22.00	ug/L	110
06/21/93	BLK93695	GCKAY1306211455	20.00	22.20	ug/L	111
06/22/93	BLK93698	GCKAY1306221300	20.00	20.90	ug/L	105
06/24/93	BLK93704	GCKAY1306240932	20.00	20.60	ug/L	103
08/09/93	BLK931827	GCKAY1308091931	20.00	19.10	ug/L	95
08/16/93	BLK931977	GCPEA2308161047	20.00	19.50	ug/L	97
10/04/93	BLK932891	GCPEA2310041056	20.00	24.60	ug/L	123
06/09/93	BLK93460	GCQUE2306091614	20.00	25.70	ug/L	129
06/14/93	BLK93545	GCQUE2306141634	20.00	23.00	ug/L	115
09/22/93	BLK932686	GCQUE2309221453	20.00	21.70	ug/L	109
06/16/93	BLK93548	GCTEX2306152237	20.00	19.00	ug/L	95
08/24/93	BLK931998	GCTEX2308242018	20.00	22.70	ug/L	114
09/22/93	BLK932683	GCTEX2309221032	20.00	19.90	ug/L	99
09/23/93	BLK932690	GCTEX2309231506	20.00	21.10	ug/L	105
10/06/93	BLK932895	GCTEX2310061111	20.00	22.30	ug/L	111

Number of Samples	: 17	Below acceptance :	0
Mean % Recovery	: 108.0	Above acceptance :	0
Standard Deviation	: 9.23	Acceptance Criteria	50-150

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8020 - Aromatic Volatile Organics
Spiked Analyte : Trifluorotoluene continued

Type of Spike : Surrogate - Normal Sample

Type of Spike : Surrogate - Normal Sample

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
09/15/93	10-MW-04-01	GCJAY2309150130		20.00	20.70	ug/L	104
09/21/93	05-MW-13-01	GCJAY2309201444		20.00	21.70	ug/L	108
09/21/93	06-MW-07-01	GCJAY2309201444		20.00	22.00	ug/L	110
09/23/93	05-MW-15-01	GCJAY2309231030		20.00	21.80	ug/L	109
06/19/93	01-MW-01-03	GCKAY1306190024		20.00	23.10	ug/L	115
06/19/93	01-MW-02-03	GCKAY1306190024		20.00	21.30	ug/L	106
06/19/93	06-MW-03-03	GCKAY1306190024		20.00	20.60	ug/L	103
06/19/93	07-MW-02-03	GCKAY1306190024		20.00	22.00	ug/L	110
06/19/93	09-MW-01-03	GCKAY1306190024		20.00	22.60	ug/L	113
06/19/93	09-MW-02-03	GCKAY1306190024		20.00	23.90	ug/L	120
06/19/93	09-MW-03-03	GCKAY1306190024		20.00	22.70	ug/L	114
06/19/93	09-MW-04-03	GCKAY1306190024		20.00	22.90	ug/L	115
06/19/93	09-MW-05-03	GCKAY1306190024		20.00	23.30	ug/L	116
06/19/93	09-MW-06-03	GCKAY1306190024		20.00	21.90	ug/L	110
06/19/93	10-MW-02-03	GCKAY1306190024		500.00	751.00	ug/L	150
06/21/93	06-MW-01-03	GCKAY1306211455		20.00	23.80	ug/L	119
06/22/93	06-MW-02-03	GCKAY1306211455		20.00	23.80	ug/L	119
06/22/93	06-MW-04-03	GCKAY1306211455		100.00	149.00	ug/L	149
06/22/93	05-MW-01-03	GCKAY1306221300		20.00	28.30	ug/L	142
06/22/93	05-MW-02-03	GCKAY1306221300		20.00	22.00	ug/L	110
06/23/93	05-MW-03-03	GCKAY1306221300		5000.00	5510.00	ug/L	110
06/23/93	05-MW-06-03	GCKAY1306221300		20.00	21.50	ug/L	107
06/24/93	02-GW-03-03	GCKAY1306240932		20.00	22.40	ug/L	112
06/24/93	05-MW-04-03	GCKAY1306240932		40000.00	44200.00	ug/L	110
06/24/93	05-MW-05-03	GCKAY1306240932		2000.00	2600.00	ug/L	130
08/10/93	07-MW-04-03	GCKAY1308091931		20.00	18.20	ug/L	91
08/16/93	07-MW-01-03	GCPEA2308161047		20.00	20.40	ug/L	102
08/16/93	07-MW-03-03	GCPEA2308161047		20.00	19.80	ug/L	99
10/04/93	08-SW-01-01	GCPEA2310041056		20.00	24.60	ug/L	123
10/04/93	08-SW-02-01	GCPEA2310041056		20.00	23.30	ug/L	117
10/04/93	08-SW-03-01	GCPEA2310041056		20.00	24.40	ug/L	122
10/05/93	22-GP-01-01	GCPEA2310041056		20.00	23.40	ug/L	117
10/05/93	22-GP-02-01	GCPEA2310041056		20.00	23.70	ug/L	118
10/05/93	22-GP-03-01	GCPEA2310041056		20.00	24.70	ug/L	123
06/09/93	12-MW-01-03	GCQUE2306091614		20.00	23.60	ug/L	118
06/10/93	04-MW-02-03	GCQUE2306091614		20.00	22.40	ug/L	112
06/10/93	04-MW-03-03	GCQUE2306091614		20.00	23.00	ug/L	115
06/10/93	12-MW-02-03	GCQUE2306091614		20.00	26.20	ug/L	131
06/14/93	10-MW-03-03	GCQUE2306141634		100.00	118.00	ug/L	118
09/23/93	01-MW-07-01	GCQUE2309221453		20.00	22.40	ug/L	112
09/23/93	01-MW-08-01	GCQUE2309221453		20.00	21.50	ug/L	108
06/16/93	10-MW-01-03	GCTEX2306152237		20.00	18.90	ug/L	94
08/25/93	07-SW-03-01	GCTEX2308242018		20.00	23.00	ug/L	115

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8020 - Aromatic Volatile Organics							
Spiked Analyte : Trifluorotoluene continued							
Type of Spike : Surrogate - Normal Sample							
08/25/93	07-SW-04-01	GCTEX2308242018		20.00	23.60	ug/L	118
08/25/93	07-SW-05-01	GCTEX2308242018		20.00	22.30	ug/L	112
08/25/93	07-SW-06-01	GCTEX2308242018		20.00	22.00	ug/L	110
08/25/93	07-SW-07-01	GCTEX2308242018		20.00	20.50	ug/L	103
09/23/93	09-MW-15-01	GCTEX2309221032		20.00	20.60	ug/L	103
09/23/93	05-MW-14-01	GCTEX2309231506		20.00	21.30	ug/L	106
10/06/93	08-GP-01-01	GCTEX2310061111		20.00	21.80	ug/L	109
10/07/93	08-GP-02-01	GCTEX2310061111		20.00	21.10	ug/L	105
10/07/93	08-GP-03-01	GCTEX2310061111		20.00	21.20	ug/L	106
Number of Samples : 52			Below acceptance : 0				
Mean % Recovery : 113.8			Above acceptance : 0				
Standard Deviation : 11.36			Acceptance Criteria 50-150				
Type of Spike : Surrogate - Trip Blank							
09/15/93	TB-07-02	GCJAY2309150130		20.00	20.10	ug/L	100
09/21/93	TB-08-02	GCJAY2309201444		20.00	21.80	ug/L	109
09/24/93	TB-10-02	GCJAY2309231030		20.00	20.30	ug/L	102
06/19/93	BT-06	GCKAY1306190024		20.00	20.90	ug/L	104
06/19/93	BT-07	GCKAY1306190024		20.00	24.00	ug/L	120
06/22/93	BT-08	GCKAY1306211455		20.00	22.60	ug/L	113
06/23/93	BT-09	GCKAY1306221300		20.00	21.90	ug/L	109
06/23/93	BT-10	GCKAY1306221300		20.00	21.10	ug/L	106
08/10/93	BT-11	GCKAY1308091931		20.00	18.50	ug/L	92
08/17/93	BT-12	GCPEA2308161047		20.00	18.70	ug/L	94
10/05/93	TB-13-02	GCPEA2310041056		20.00	23.70	ug/L	118
06/09/93	BT-01	GCQUE2306091614		20.00	24.00	ug/L	120
06/10/93	BT-02	GCQUE2306091614		20.00	23.30	ug/L	116
06/14/93	BT-03	GCTEX2306141311		20.00	17.40	ug/L	87
06/16/93	BT-04	GCTEX2306152237		20.00	18.70	ug/L	93
08/25/93	TB-06-02	GCTEX2308242018		20.00	23.70	ug/L	118
09/23/93	TB-09-02	GCTEX2309221032		20.00	20.20	ug/L	101
09/24/93	TB-11-02	GCTEX2309231506		20.00	21.50	ug/L	107
Number of Samples : 18			Below acceptance : 0				
Mean % Recovery : 106.1			Above acceptance : 0				
Standard Deviation : 10.29			Acceptance Criteria 50-150				

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 4,4'-DDT							
Type of Spike : Laboratory Control							
06/26/93	LCS 931352 #LS	CHGC1B306251200		0.50	0.50	ug/L	100
06/26/93	LCS931312 #LS K	CHGC1B306251200		0.50	0.53	ug/L	106
06/26/93	LCSD931312 #LS	CHGC1B306251200		0.50	0.53	ug/L	106
06/26/93	LCSD931352 #LS	CHGC1B306251200		0.50	0.58	ug/L	116
08/21/93	LCS933380 #LS K	CHGC1B308201200		0.50	0.54	ug/L	109
08/21/93	LCSD933380 #LS	CHGC1B308201200		0.50	0.55	ug/L	109
06/15/93	LCS93-963 #LS	CHGC6A306141200		0.50	0.47	ug/L	94
06/15/93	LCSD93-963 #LS	CHGC6A306141200		0.50	0.23	ug/L	47
06/18/93	LCS93-1035 #L	CHGC6A306181200		0.50	0.49	ug/L	97
06/18/93	LCSD93-1035 #L	CHGC6A306181200		0.50	0.50	ug/L	100
06/23/93	LCS93-1035 #LS	CHGC6A306221200		0.50	0.47	ug/L	94
06/23/93	LCS931190 #LS	CHGC6A306221200		0.50	0.50	ug/L	100
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.50	0.48	ug/L	96
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.50	0.52	ug/L	104
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.50	0.48	ug/L	95
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.50	0.48	ug/L	96
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.50	0.54	ug/L	108
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.50	0.54	ug/L	107
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.50	0.51	ug/L	101
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.50	0.51	ug/L	102
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.50	0.48	ug/L	96
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.50	0.50	ug/L	100
Number of Samples : 22			Below acceptance : 0				
Mean % Recovery : 99.2			Above acceptance : 0				
Standard Deviation : 13.05			Acceptance Criteria 25-160				
Type of Spike : Matrix Spike							
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.50	0.44	ug/L	85
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.50	0.48	ug/L	92
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	ND	0.50	0.44	ug/L	91
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	ND	0.50	0.45	ug/L	89
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	5.00	0.44	ug/L	9
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	0.50	0.44	ug/L	90
Number of Samples : 6			Below acceptance : 1				
Mean % Recovery : 76.0			Above acceptance : 0				
Standard Deviation : 32.91			Acceptance Criteria 25-160				

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NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Aldrin							
Type of Spike : Laboratory Control							
06/26/93	LCS 931352 #LS	CHGC1B306251200		0.30	0.21	ug/L	82
06/26/93	LCS931312 #LS K	CHGC1B306251200		0.30	0.23	ug/L	93
06/26/93	LCSD931312 #LS	CHGC1B306251200		0.30	0.23	ug/L	94
06/26/93	LCSD931352 #LS	CHGC1B306251200		0.30	0.23	ug/L	91
08/21/93	LCS933380 #LS K	CHGC1B308201200		0.30	0.26	ug/L	103
08/21/93	LCSD933380 #LS	CHGC1B308201200		0.30	0.26	ug/L	104
06/15/93	LCS93-963 #LS	CHGC6A306141200		0.30	0.24	ug/L	96
06/15/93	LCSD93-963 #LS	CHGC6A306141200		0.30	0.12	ug/L	50
06/18/93	LCS93-1035 #L	CHGC6A306181200		0.30	0.23	ug/L	93
06/18/93	LCSD93-1035 #L	CHGC6A306181200		0.30	0.24	ug/L	96
06/23/93	LCS93-1035 #LS	CHGC6A306221200		0.30	0.24	ug/L	96
06/23/93	LCS931190 #LS	CHGC6A306221200		0.30	0.22	ug/L	88
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.30	0.25	ug/L	99
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.30	0.23	ug/L	91
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.30	0.24	ug/L	95
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.30	0.24	ug/L	97
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.30	0.29	ug/L	114
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.30	0.29	ug/L	116
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.30	0.24	ug/L	96
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.30	0.24	ug/L	96
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.25	0.22	ug/L	87
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.25	0.23	ug/L	91
Number of Samples : 22			Below acceptance : 0				
Mean % Recovery : 94.0			Above acceptance : 0				
Standard Deviation : 12.56			Acceptance Criteria 42-122				
Type of Spike : Matrix Spike							
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.20	0.18	ug/L	87
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.20	0.17	ug/L	82
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	ND	0.20	0.26	ug/L	134
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	ND	0.20	0.33	ug/L	165
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	0.20	0.34	ug/L	174
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	2.00	0.30	ug/L	15
Number of Samples : 6			Below acceptance : 1				
Mean % Recovery : 109.5			Above acceptance : 3				
Standard Deviation : 60.06			Acceptance Criteria 42-122				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dieldrin							
Type of Spike : Laboratory Control							
06/26/93	LCS 931352 #LS	CHGC1B306251200		0.50	0.45	ug/L	90
06/26/93	LCS931312 #LS K	CHGC1B306251200		0.50	0.49	ug/L	97
06/26/93	LCSD931312 #LS	CHGC1B306251200		0.50	0.49	ug/L	98
06/26/93	LCSD931352 #LS	CHGC1B306251200		0.50	0.52	ug/L	105
08/21/93	LCS933380 #LS K	CHGC1B308201200		0.50	0.52	ug/L	104
08/21/93	LCSD933380 #LS	CHGC1B308201200		0.50	0.53	ug/L	106
06/15/93	LCS93-963 #LS	CHGC6A306141200		0.50	0.47	ug/L	94
06/15/93	LCSD93-963 #LS	CHGC6A306141200		0.50	0.25	ug/L	49
06/18/93	LCS93-1035 #L	CHGC6A306181200		0.50	0.49	ug/L	98
06/18/93	LCSD93-1035 #L	CHGC6A306181200		0.50	0.50	ug/L	100
06/23/93	LCS93-1035 #LS	CHGC6A306221200		0.50	0.50	ug/L	99
06/23/93	LCS931190 #LS	CHGC6A306221200		0.50	0.51	ug/L	102
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.50	0.51	ug/L	102
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.50	0.52	ug/L	105
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.50	0.47	ug/L	94
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.50	0.47	ug/L	94
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.50	0.52	ug/L	105
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.50	0.52	ug/L	104
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.50	0.47	ug/L	93
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.50	0.47	ug/L	94
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.50	0.47	ug/L	93
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.50	0.48	ug/L	96
Number of Samples : 22			Below acceptance : 0				
Mean % Recovery : 96.5			Above acceptance : 0				
Standard Deviation : 11.65			Acceptance Criteria 36-146				
Type of Spike : Matrix Spike							
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.50	0.48	ug/L	93
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.50	0.46	ug/L	88
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	0.01	0.50	0.45	ug/L	88
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	0.01	0.50	0.45	ug/L	86
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	0.50	0.46	ug/L	93
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	5.00	0.46	ug/L	9
Number of Samples : 6			Below acceptance : 1				
Mean % Recovery : 76.2			Above acceptance : 0				
Standard Deviation : 33.03			Acceptance Criteria 36-146				

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NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Endosulfan II							
Type of Spike : Laboratory Control							
06/26/93	LCS 931352 #LS	CHGC1B306251200		0.50	0.46	ug/L	92
06/26/93	LCS931312 #LS K	CHGC1B306251200		0.50	0.49	ug/L	98
06/26/93	LCSD931312 #LS	CHGC1B306251200		0.50	0.49	ug/L	99
06/26/93	LCSD931352 #LS	CHGC1B306251200		0.50	0.53	ug/L	107
08/21/93	LCS933380 #LS K	CHGC1B308201200		0.50	0.53	ug/L	107
08/21/93	LCSD933380 #LS	CHGC1B308201200		0.50	0.54	ug/L	108
06/15/93	LCS93-963 #LS	CHGC6A306141200		0.50	0.44	ug/L	87
06/15/93	LCSD93-963 #LS	CHGC6A306141200		0.50	0.23	ug/L	45
06/18/93	LCS93-1035 #L	CHGC6A306181200		0.50	0.47	ug/L	94
06/18/93	LCSD93-1035 #L	CHGC6A306181200		0.50	0.48	ug/L	96
06/23/93	LCS93-1035 #LS	CHGC6A306221200		0.50	0.47	ug/L	94
06/23/93	LCS931190 #LS	CHGC6A306221200		0.50	0.49	ug/L	97
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.50	0.48	ug/L	97
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.50	0.50	ug/L	100
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.50	0.50	ug/L	100
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.50	0.50	ug/L	99
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.50	0.55	ug/L	110
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.50	0.55	ug/L	110
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.50	0.42	ug/L	84
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.50	0.42	ug/L	83
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.50	0.49	ug/L	97
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.50	0.50	ug/L	100

Number of Samples	: 22	Below acceptance :	0
Mean % Recovery	: 95.6	Above acceptance :	0
Standard Deviation	: 13.57	Acceptance Criteria	D-202

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Endrin							
Type of Spike : Laboratory Control							
06/26/93	LCS 931352 #LS	CHGC1B306251200		0.50	0.49	ug/L	99
06/26/93	LCS931312 #LS K	CHGC1B306251200		0.50	0.49	ug/L	99
06/26/93	LCSD931312 #LS	CHGC1B306251200		0.50	0.47	ug/L	94
06/26/93	LCSD931352 #LS	CHGC1B306251200		0.50	0.54	ug/L	108
08/21/93	LCS933380 #LS K	CHGC1B308201200		0.50	0.44	ug/L	87
08/21/93	LCSD933380 #LS	CHGC1B308201200		0.50	0.48	ug/L	97
06/15/93	LCS93-963 #LS	CHGC6A306141200		0.50	0.48	ug/L	96
06/15/93	LCSD93-963 #LS	CHGC6A306141200		0.50	0.25	ug/L	49
06/18/93	LCS93-1035 #L	CHGC6A306181200		0.50	0.49	ug/L	98
06/18/93	LCSD93-1035 #L	CHGC6A306181200		0.50	0.50	ug/L	100
06/23/93	LCS93-1035 #LS	CHGC6A306221200		0.50	0.50	ug/L	100
06/23/93	LCS931190 #LS	CHGC6A306221200		0.50	0.50	ug/L	100
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.50	0.51	ug/L	102

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Endrin continued							
Type of Spike : Laboratory Control							
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.50	0.54	ug/L	107
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.50	0.51	ug/L	101
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.50	0.51	ug/L	101
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.50	0.56	ug/L	112
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.50	0.47	ug/L	94
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.50	0.50	ug/L	100
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.50	0.49	ug/L	98
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.50	0.51	ug/L	103
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.50	0.54	ug/L	108
Number of Samples : 22			Below acceptance : 0				
Mean % Recovery : 97.9			Above acceptance : 0				
Standard Deviation : 12.17			Acceptance Criteria 30-147				
Type of Spike : Matrix Spike							
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.50	0.55	ug/L	107
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.50	0.52	ug/L	101
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	ND	0.50	0.51	ug/L	101
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	ND	0.50	0.51	ug/L	104
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	5.00	0.61	ug/L	12
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	0.50	0.61	ug/L	125
Number of Samples : 6			Below acceptance : 1				
Mean % Recovery : 91.7			Above acceptance : 0				
Standard Deviation : 40.05			Acceptance Criteria 30-147				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Endrin Aldehyde							
Type of Spike : Laboratory Control							
06/26/93	LCS 931352 #LS	CHGC1B306251200		0.50	0.50	ug/L	100
06/26/93	LCS931312 #LS K	CHGC1B306251200		0.50	0.57	ug/L	114
06/26/93	LCSD931312 #LS	CHGC1B306251200		0.50	0.57	ug/L	113
06/26/93	LCSD931352 #LS	CHGC1B306251200		0.50	0.57	ug/L	114
08/21/93	LCS933380 #LS K	CHGC1B308201200		0.50	0.62	ug/L	124
08/21/93	LCSD933380 #LS	CHGC1B308201200		0.50	0.61	ug/L	121
06/15/93	LCS93-963 #LS	CHGC6A306141200		0.50	0.48	ug/L	95
06/15/93	LCSD93-963 #LS	CHGC6A306141200		0.50	0.26	ug/L	51
06/18/93	LCS93-1035 #L	CHGC6A306181200		0.50	0.56	ug/L	112
06/18/93	LCSD93-1035 #L	CHGC6A306181200		0.50	0.57	ug/L	114
06/23/93	LCS93-1035 #LS	CHGC6A306221200		0.50	0.54	ug/L	109
06/23/93	LCS931190 #LS	CHGC6A306221200		0.50	0.56	ug/L	113

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Endrin Aldehyde continued							
Type of Spike : Laboratory Control							
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.50	0.56	ug/L	112
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.50	0.57	ug/L	113
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.50	0.60	ug/L	120
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.50	0.61	ug/L	121
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.50	0.66	ug/L	131
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.50	0.69	ug/L	139
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.50	0.56	ug/L	111
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.50	0.57	ug/L	113
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.50	0.55	ug/L	110
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.50	0.57	ug/L	113
Number of Samples : 22			Below acceptance : 0				
Mean % Recovery : 112.0			Above acceptance : 0				
Standard Deviation : 16.40			Acceptance Criteria NS				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Heptachlor							
Type of Spike : Laboratory Control							
06/26/93	LCS 931352 #LS	CHGC1B306251200		0.30	0.21	ug/L	83
06/26/93	LCS931312 #LS K	CHGC1B306251200		0.30	0.23	ug/L	92
06/26/93	LCSD931312 #LS	CHGC1B306251200		0.30	0.23	ug/L	93
06/26/93	LCSD931352 #LS	CHGC1B306251200		0.30	0.23	ug/L	93
08/21/93	LCS933380 #LS K	CHGC1B308201200		0.30	0.26	ug/L	106
08/21/93	LCSD933380 #LS	CHGC1B308201200		0.30	0.27	ug/L	107
06/15/93	LCS93-963 #LS	CHGC6A306141200		0.30	0.23	ug/L	93
06/15/93	LCSD93-963 #LS	CHGC6A306141200		0.30	0.12	ug/L	49
06/18/93	LCS93-1035 #L	CHGC6A306181200		0.30	0.22	ug/L	87
06/18/93	LCSD93-1035 #L	CHGC6A306181200		0.30	0.23	ug/L	91
06/23/93	LCS93-1035 #LS	CHGC6A306221200		0.30	0.22	ug/L	89
06/23/93	LCS931190 #LS	CHGC6A306221200		0.30	0.21	ug/L	85
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.30	0.23	ug/L	93
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.30	0.22	ug/L	87
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.30	0.22	ug/L	88
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.30	0.22	ug/L	90
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.30	0.26	ug/L	104
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.30	0.26	ug/L	105
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.30	0.23	ug/L	93
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.30	0.23	ug/L	93
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.25	0.22	ug/L	87
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.25	0.23	ug/L	90
Number of Samples : 22			Below acceptance : 0				
Mean % Recovery : 90.8			Above acceptance : 0				
Standard Deviation : 11.54			Acceptance Criteria 34-111				

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NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Heptachlor continued							
Type of Spike : Laboratory Control							
Type of Spike : Matrix Spike							
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.20	0.18	ug/L	88
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.20	0.17	ug/L	84
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	0.03	0.20	0.18	ug/L	73
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	0.03	0.20	0.17	ug/L	70
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	0.20	0.23	ug/L	115
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	2.00	0.23	ug/L	11
Number of Samples : 6			Below acceptance : 1				
Mean % Recovery : 73.5			Above acceptance : 1				
Standard Deviation : 34.53			Acceptance Criteria 34-111				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Heptachlor epoxide							
Type of Spike : Laboratory Control							
06/26/93	LCS 931352 #LS	CHGC1B306251200		0.30	0.23	ug/L	92
06/26/93	LCS931312 #LS K	CHGC1B306251200		0.30	0.25	ug/L	99
06/26/93	LCSD931312 #LS	CHGC1B306251200		0.30	0.25	ug/L	100
06/26/93	LCSD931352 #LS	CHGC1B306251200		0.30	0.27	ug/L	107
08/21/93	LCS933380 #LS K	CHGC1B308201200		0.30	0.27	ug/L	107
08/21/93	LCSD933380 #LS	CHGC1B308201200		0.30	0.27	ug/L	109
06/15/93	LCS93-963 #LS	CHGC6A306141200		0.30	0.23	ug/L	91
06/15/93	LCSD93-963 #LS	CHGC6A306141200		0.30	0.12	ug/L	48
06/18/93	LCS93-1035 #L	CHGC6A306181200		0.30	0.23	ug/L	94
06/18/93	LCSD93-1035 #L	CHGC6A306181200		0.30	0.24	ug/L	96
06/23/93	LCS93-1035 #LS	CHGC6A306221200		0.30	0.24	ug/L	96
06/23/93	LCS931190 #LS	CHGC6A306221200		0.30	0.24	ug/L	97
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.30	0.25	ug/L	98
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.30	0.25	ug/L	100
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.30	0.26	ug/L	102
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.30	0.26	ug/L	103
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.30	0.29	ug/L	114
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.30	0.28	ug/L	113
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.30	0.24	ug/L	98
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.30	0.25	ug/L	98
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.25	0.25	ug/L	98
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.25	0.25	ug/L	101
Number of Samples : 22			Below acceptance : 0				
Mean % Recovery : 98.2			Above acceptance : 0				
Standard Deviation : 12.78			Acceptance Criteria 37-142				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Heptachlor epoxide continued							
Type of Spike : Laboratory Control							
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Mirex							
Type of Spike : Laboratory Control							
06/26/93	LCS 931352 #LS	CHGC1B306251200		0.50	0.47	ug/L	95
06/26/93	LCS931312 #LS K	CHGC1B306251200		0.50	0.51	ug/L	103
06/26/93	LCSD931312 #LS	CHGC1B306251200		0.50	0.51	ug/L	102
06/26/93	LCSD931352 #LS	CHGC1B306251200		0.50	0.54	ug/L	109
08/21/93	LCS933380 #LS K	CHGC1B308201200		0.50	0.61	ug/L	121
08/21/93	LCSD933380 #LS	CHGC1B308201200		0.50	0.61	ug/L	122
06/15/93	LCS93-963 #LS	CHGC6A306141200		0.50	0.49	ug/L	98
06/15/93	LCSD93-963 #LS	CHGC6A306141200		0.50	0.25	ug/L	49
06/18/93	LCS93-1035 #L	CHGC6A306181200		0.50	0.50	ug/L	101
06/18/93	LCSD93-1035 #L	CHGC6A306181200		0.50	0.51	ug/L	103
06/23/93	LCS93-1035 #LS	CHGC6A306221200		0.50	0.50	ug/L	100
06/23/93	LCS931190 #LS	CHGC6A306221200		0.50	0.51	ug/L	103
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.50	0.51	ug/L	102
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.50	0.53	ug/L	106
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.50	0.49	ug/L	97
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.50	0.49	ug/L	99
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.50	0.58	ug/L	115
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.50	0.58	ug/L	115
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.50	0.53	ug/L	106
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.50	0.53	ug/L	106
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.50	0.66	ug/L	132
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.50	0.50	ug/L	100

Number of Samples	: 22	Below acceptance :	0
Mean % Recovery	: 103.8	Above acceptance :	0
Standard Deviation	: 15.34	Acceptance Criteria	NS

Method : SW8080 - Organochlorine Pesticides and PCBs
Spiked Analyte : PCB-1016

Type of Spike : Laboratory Control

06/26/93	LCS 931313 #MP	CHGC1B306251200	2.50	2.18	ug/L	87
06/26/93	LCS 931353 #MP	CHGC1B306251200	2.50	2.24	ug/L	90
06/26/93	LCSD931313 #MP	CHGC1B306251200	2.50	2.15	ug/L	86
06/26/93	LCSD931353 #MP	CHGC1B306251200	2.50	2.31	ug/L	93
08/21/93	LCS933381 #MP K	CHGC1B308201200	2.50	2.59	ug/L	104
08/21/93	LCSD933381 #MP	CHGC1B308201200	2.50	2.62	ug/L	105

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : PCB-1016 continued							
Type of Spike : Laboratory Control							
06/15/93	LCS93-889 #MP	CHGC6A306141200		2.50	2.87	ug/L	115
06/15/93	LCSD93-889 #MP	CHGC6A306141200		2.50	2.91	ug/L	116
06/18/93	LCS93-1036 #M	CHGC6A306181200		2.50	3.02	ug/L	121
06/18/93	LCSD93-1036 #M	CHGC6A306181200		2.50	2.73	ug/L	109
06/23/93	LCS93-1036 #MP	CHGC6A306221200		2.50	3.07	ug/L	123
06/23/93	LCS931191 #MP	CHGC6A306221200		2.50	2.84	ug/L	114
06/23/93	LCSD93-1036 #MP	CHGC6A306221200		2.50	2.78	ug/L	111
06/23/93	LCSD931191 #MP	CHGC6A306221200		2.50	2.87	ug/L	115
06/23/93	LCS93 1259 #MP	CHGC7A306231200		2.50	2.07	ug/L	83
06/23/93	LCSD93 1259 #MP	CHGC7A306231200		2.50	2.05	ug/L	82
06/24/93	LCS93 1128 #MP	CHGC7A306231200		2.50	2.38	ug/L	95
06/24/93	LCSD93 1128 #MP	CHGC7A306231200		2.50	2.40	ug/L	96
08/07/93	LCS93 3027 #MP	CHGC7A308061200		2.50	2.25	ug/L	90
08/07/93	LCSD93 3027 #MP	CHGC7A308061200		2.50	2.34	ug/L	94
09/14/93	LCS934011 #MP K	CHGC7A309131200		2.50	2.24	ug/L	90
09/14/93	LCSD934011 #MP	CHGC7A309131200		2.50	2.23	ug/L	89

Number of Samples	: 22	Below acceptance :	0
Mean % Recovery	: 100.4	Above acceptance :	5
Standard Deviation	: 13.16	Acceptance Criteria	50-114

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : PCB-1260							
Type of Spike : Laboratory Control							
06/26/93	LCS 931313 #MP	CHGC1B306251200		2.50	2.22	ug/L	89
06/26/93	LCS 931353 #MP	CHGC1B306251200		2.50	2.29	ug/L	92
06/26/93	LCSD931313 #MP	CHGC1B306251200		2.50	2.19	ug/L	88
06/26/93	LCSD931353 #MP	CHGC1B306251200		2.50	2.34	ug/L	94
08/21/93	LCS933381 #MP K	CHGC1B308201200		2.50	2.51	ug/L	100
08/21/93	LCSD933381 #MP	CHGC1B308201200		2.50	2.55	ug/L	102
06/15/93	LCS93-889 #MP	CHGC6A306141200		2.50	2.76	ug/L	110
06/15/93	LCSD93-889 #MP	CHGC6A306141200		2.50	2.75	ug/L	110
06/18/93	LCS93-1036 #M	CHGC6A306181200		2.50	2.96	ug/L	118
06/18/93	LCSD93-1036 #M	CHGC6A306181200		2.50	3.02	ug/L	121
06/23/93	LCS93-1036 #MP	CHGC6A306221200		2.50	2.95	ug/L	118
06/23/93	LCS931191 #MP	CHGC6A306221200		2.50	3.15	ug/L	126
06/23/93	LCSD93-1036 #MP	CHGC6A306221200		2.50	3.07	ug/L	123
06/23/93	LCSD931191 #MP	CHGC6A306221200		2.50	3.30	ug/L	132
06/23/93	LCS93 1259 #MP	CHGC7A306231200		2.50	2.09	ug/L	83
06/23/93	LCSD93 1259 #MP	CHGC7A306231200		2.50	2.09	ug/L	84
06/24/93	LCS93 1128 #MP	CHGC7A306231200		2.50	2.43	ug/L	97
06/24/93	LCSD93 1128 #MP	CHGC7A306231200		2.50	2.39	ug/L	96
08/07/93	LCS93 3027 #MP	CHGC7A308061200		2.50	2.34	ug/L	94

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : PCB-1260 continued							
Type of Spike : Laboratory Control							
08/07/93	LCSD93 3027 #MP	CHGC7A308061200		2.50	2.37	ug/L	95
09/14/93	LCS934011 #MP K	CHGC7A309131200		2.50	2.47	ug/L	99
09/14/93	LCSD934011 #MP	CHGC7A309131200		2.50	2.44	ug/L	98

Number of Samples	: 22	Below acceptance :	0
Mean % Recovery	: 103.1	Above acceptance :	1
Standard Deviation	: 14.32	Acceptance Criteria	8-127

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : alpha-BHC							
Type of Spike : Laboratory Control							
06/26/93	LCS 931352 #LS	CHGC1B306251200		0.30	0.21	ug/L	84
06/26/93	LCS931312 #LS K	CHGC1B306251200		0.30	0.23	ug/L	91
06/26/93	LCSD931312 #LS	CHGC1B306251200		0.30	0.23	ug/L	93
06/26/93	LCSD931352 #LS	CHGC1B306251200		0.30	0.25	ug/L	99
08/21/93	LCS933380 #LS K	CHGC1B308201200		0.30	0.25	ug/L	98
08/21/93	LCSD933380 #LS	CHGC1B308201200		0.30	0.25	ug/L	99
06/15/93	LCS93-963 #LS	CHGC6A306141200		0.30	0.27	ug/L	109
06/15/93	LCSD93-963 #LS	CHGC6A306141200		0.30	0.14	ug/L	56
06/18/93	LCS93-1035 #L	CHGC6A306181200		0.30	0.26	ug/L	104
06/18/93	LCSD93-1035 #L	CHGC6A306181200		0.30	0.28	ug/L	110
06/23/93	LCS93-1035 #LS	CHGC6A306221200		0.30	0.27	ug/L	107
06/23/93	LCS931190 #LS	CHGC6A306221200		0.30	0.27	ug/L	109
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.30	0.28	ug/L	113
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.30	0.28	ug/L	113
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.30	0.25	ug/L	100
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.30	0.25	ug/L	100
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.30	0.28	ug/L	111
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.30	0.28	ug/L	111
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.30	0.24	ug/L	96
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.30	0.24	ug/L	96
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.25	0.25	ug/L	100
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.25	0.26	ug/L	103

Number of Samples	: 22	Below acceptance :	0
Mean % Recovery	: 100.1	Above acceptance :	0
Standard Deviation	: 12.49	Acceptance Criteria	37-134

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : alpha-Chlordane							
Type of Spike : Laboratory Control							
06/26/93	LCS 931352 #LS	CHGC1B306251200		0.30	0.24	ug/L	94
06/26/93	LCS931312 #LS K	CHGC1B306251200		0.30	0.25	ug/L	102
06/26/93	LCSD931312 #LS	CHGC1B306251200		0.30	0.26	ug/L	102
06/26/93	LCSD931352 #LS	CHGC1B306251200		0.30	0.27	ug/L	109
08/21/93	LCS933380 #LS K	CHGC1B308201200		0.30	0.28	ug/L	111
08/21/93	LCSD933380 #LS	CHGC1B308201200		0.30	0.28	ug/L	113
06/15/93	LCS93-963 #LS	CHGC6A306141200		0.30	0.25	ug/L	100
06/15/93	LCSD93-963 #LS	CHGC6A306141200		0.30	0.13	ug/L	51
06/18/93	LCS93-1035 #L	CHGC6A306181200		0.30	0.26	ug/L	104
06/18/93	LCSD93-1035 #L	CHGC6A306181200		0.30	0.27	ug/L	107
06/23/93	LCS93-1035 #LS	CHGC6A306221200		0.30	0.27	ug/L	106
06/23/93	LCS931190 #LS	CHGC6A306221200		0.30	0.27	ug/L	108
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.30	0.27	ug/L	109
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.30	0.28	ug/L	111
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.30	0.27	ug/L	107
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.30	0.27	ug/L	109
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.30	0.30	ug/L	121
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.30	0.30	ug/L	120
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.30	0.26	ug/L	102
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.30	0.26	ug/L	103
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.25	0.25	ug/L	99
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.25	0.26	ug/L	102

Number of Samples	: 22	Below acceptance :	0
Mean % Recovery	: 104.1	Above acceptance :	0
Standard Deviation	: 13.46	Acceptance Criteria	NS

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : delta-BHC							
Type of Spike : Laboratory Control							
06/26/93	LCS 931352 #LS	CHGC1B306251200		0.30	0.22	ug/L	87
06/26/93	LCS931312 #LS K	CHGC1B306251200		0.30	0.23	ug/L	93
06/26/93	LCSD931312 #LS	CHGC1B306251200		0.30	0.24	ug/L	94
06/26/93	LCSD931352 #LS	CHGC1B306251200		0.30	0.26	ug/L	103
08/21/93	LCS933380 #LS K	CHGC1B308201200		0.30	0.25	ug/L	99
08/21/93	LCSD933380 #LS	CHGC1B308201200		0.30	0.25	ug/L	100
06/15/93	LCS93-963 #LS	CHGC6A306141200		0.30	0.27	ug/L	107
06/15/93	LCSD93-963 #LS	CHGC6A306141200		0.30	0.13	ug/L	53
06/18/93	LCS93-1035 #L	CHGC6A306181200		0.30	0.26	ug/L	104
06/18/93	LCSD93-1035 #L	CHGC6A306181200		0.30	0.27	ug/L	107
06/23/93	LCS93-1035 #LS	CHGC6A306221200		0.30	0.27	ug/L	108
06/23/93	LCS931190 #LS	CHGC6A306221200		0.30	0.27	ug/L	106
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.30	0.28	ug/L	110

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : delta-BHC continued							
Type of Spike : Laboratory Control							
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.30	0.28	ug/L	110
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.30	0.25	ug/L	101
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.30	0.25	ug/L	102
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.30	0.28	ug/L	113
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.30	0.28	ug/L	112
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.30	0.25	ug/L	100
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.30	0.25	ug/L	100
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.25	0.28	ug/L	112
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.25	0.29	ug/L	116
Number of Samples : 22			Below acceptance : 0				
Mean % Recovery : 101.7			Above acceptance : 0				
Standard Deviation : 12.99			Acceptance Criteria 19-140				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : gamma-BHC(Lindane)							
Type of Spike : Laboratory Control							
06/26/93	LCS 931352 #LS	CHGC1B306251200		0.30	0.22	ug/L	86
06/26/93	LCS931312 #LS K	CHGC1B306251200		0.30	0.23	ug/L	93
06/26/93	LCSD931312 #LS	CHGC1B306251200		0.30	0.24	ug/L	95
06/26/93	LCSD931352 #LS	CHGC1B306251200		0.30	0.25	ug/L	101
08/21/93	LCS933380 #LS K	CHGC1B308201200		0.30	0.25	ug/L	100
08/21/93	LCSD933380 #LS	CHGC1B308201200		0.30	0.25	ug/L	101
06/15/93	LCS93-963 #LS	CHGC6A306141200		0.30	0.27	ug/L	107
06/15/93	LCSD93-963 #LS	CHGC6A306141200		0.30	0.14	ug/L	57
06/18/93	LCS93-1035 #L	CHGC6A306181200		0.30	0.26	ug/L	103
06/18/93	LCSD93-1035 #L	CHGC6A306181200		0.30	0.27	ug/L	107
06/23/93	LCS93-1035 #LS	CHGC6A306221200		0.30	0.26	ug/L	105
06/23/93	LCS931190 #LS	CHGC6A306221200		0.30	0.27	ug/L	107
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.30	0.27	ug/L	110
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.30	0.27	ug/L	110
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.30	0.24	ug/L	97
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.30	0.24	ug/L	97
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.30	0.27	ug/L	109
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.30	0.27	ug/L	108
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.30	0.24	ug/L	96
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.30	0.24	ug/L	97
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.25	0.25	ug/L	100
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.25	0.26	ug/L	103
Number of Samples : 22			Below acceptance : 0				
Mean % Recovery : 99.5			Above acceptance : 0				
Standard Deviation : 11.33			Acceptance Criteria 32-127				

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NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALÈNA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : gamma-BHC(Lindane) continued							
Type of Spike : Matrix Spike							
Type of Spike : Matrix Spike							
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.20	0.21	ug/L	100
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.20	0.20	ug/L	95
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	0.03	0.20	0.19	ug/L	81
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	0.03	0.20	0.18	ug/L	80
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	0.20	0.19	ug/L	97
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	2.00	0.19	ug/L	10
Number of Samples : 6			Below acceptance : 1				
Mean % Recovery : 77.2			Above acceptance : 0				
Standard Deviation : 33.96			Acceptance Criteria 32-127				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : gamma-Chlordane							
Type of Spike : Laboratory Control							
06/26/93	LCS 931352 #LS	CHGC1B306251200		0.30	0.22	ug/L	88
06/26/93	LCS931312 #LS K	CHGC1B306251200		0.30	0.24	ug/L	95
06/26/93	LCSD931312 #LS	CHGC1B306251200		0.30	0.24	ug/L	96
06/26/93	LCSD931352 #LS	CHGC1B306251200		0.30	0.25	ug/L	102
08/21/93	LCS933380 #LS K	CHGC1B308201200		0.30	0.26	ug/L	104
08/21/93	LCSD933380 #LS	CHGC1B308201200		0.30	0.26	ug/L	105
06/15/93	LCS93-963 #LS	CHGC6A306141200		0.30	0.23	ug/L	93
06/15/93	LCSD93-963 #LS	CHGC6A306141200		0.30	0.12	ug/L	48
06/18/93	LCS93-1035 #L	CHGC6A306181200		0.30	0.24	ug/L	96
06/18/93	LCSD93-1035 #L	CHGC6A306181200		0.30	0.25	ug/L	99
06/23/93	LCS93-1035 #LS	CHGC6A306221200		0.30	0.25	ug/L	98
06/23/93	LCS931190 #LS	CHGC6A306221200		0.30	0.25	ug/L	99
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.30	0.25	ug/L	101
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.30	0.26	ug/L	103
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.30	0.26	ug/L	102
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.30	0.26	ug/L	104
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.30	0.29	ug/L	115
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.30	0.29	ug/L	114
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.30	0.24	ug/L	95
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.30	0.24	ug/L	95
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.25	0.24	ug/L	97
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.25	0.25	ug/L	100
Number of Samples : 22			Below acceptance : 0				
Mean % Recovery : 97.7			Above acceptance : 0				
Standard Deviation : 12.72			Acceptance Criteria NS				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene							
Type of Spike : Surrogate - Field Duplicate							
06/26/93	03-GW-02-DS-03	CHGC1B306251200		1.00	0.75	ug/L	76
06/26/93	05-MW-03-DS-03	CHGC1B306251200		1.00	0.98	ug/L	97
06/15/93	12-MW-02-DS-03	CHGC6A306141200		1.10	1.02	ug/L	96
06/18/93	07-MW-02-DS-03	CHGC6A306181200		1.00	0.85	ug/L	85
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 88.5			Above acceptance : 0				
Standard Deviation : 9.95			Acceptance Criteria 20-142				
Type of Spike : Surrogate - Laboratory Control							
06/26/93	LCS 931313 #MP	CHGC1B306251200		1.00	0.83	ug/L	83
06/26/93	LCS 931352 #LS	CHGC1B306251200		1.00	0.64	ug/L	64
06/26/93	LCS 931353 #MP	CHGC1B306251200		1.00	0.74	ug/L	74
06/26/93	LCS931312 #LS K	CHGC1B306251200		1.00	0.87	ug/L	87
06/26/93	LCSD931312 #LS	CHGC1B306251200		1.00	0.82	ug/L	82
06/26/93	LCSD931313 #MP	CHGC1B306251200		1.00	0.78	ug/L	78
06/26/93	LCSD931352 #LS	CHGC1B306251200		1.00	0.76	ug/L	76
06/26/93	LCSD931353 #MP	CHGC1B306251200		1.00	0.79	ug/L	79
08/21/93	LCS933380 #LS K	CHGC1B308201200		1.00	0.96	ug/L	96
08/21/93	LCS933381 #MP K	CHGC1B308201200		1.00	0.91	ug/L	91
08/21/93	LCSD933380 #LS	CHGC1B308201200		1.00	0.92	ug/L	92
08/21/93	LCSD933381 #MP	CHGC1B308201200		1.00	0.94	ug/L	94
06/15/93	LCS93-889 #MP	CHGC6A306141200		1.00	0.92	ug/L	92
06/15/93	LCS93-963 #LS	CHGC6A306141200		1.00	0.89	ug/L	89
06/15/93	LCSD93-889 #MP	CHGC6A306141200		1.00	0.91	ug/L	91
06/15/93	LCSD93-963 #LS	CHGC6A306141200		1.00	0.47	ug/L	47
06/18/93	LCS93-1035 #L	CHGC6A306181200		1.00	0.70	ug/L	70
06/18/93	LCS93-1036 #M	CHGC6A306181200		1.00	0.85	ug/L	85
06/18/93	LCSD93-1035 #L	CHGC6A306181200		1.00	0.78	ug/L	78
06/18/93	LCSD93-1036 #M	CHGC6A306181200		1.00	0.82	ug/L	82
06/23/93	LCS93-1035 #LS	CHGC6A306221200		1.00	0.73	ug/L	72
06/23/93	LCS93-1036 #MP	CHGC6A306221200		1.00	0.86	ug/L	86
06/23/93	LCS931190 #LS	CHGC6A306221200		1.00	0.94	ug/L	94
06/23/93	LCS931191 #MP	CHGC6A306221200		1.00	1.02	ug/L	102
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		1.00	0.79	ug/L	79
06/23/93	LCSD93-1036 #MP	CHGC6A306221200		1.00	0.83	ug/L	83
06/23/93	LCSD931120 #LS	CHGC6A306221200		1.00	0.93	ug/L	93
06/23/93	LCSD931191 #MP	CHGC6A306221200		1.00	0.96	ug/L	96
06/23/93	LCS93 1258 #LS	CHGC7A306231200		1.00	0.64	ug/L	64
06/23/93	LCS93 1259 #MP	CHGC7A306231200		1.00	0.55	ug/L	55
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		1.00	0.67	ug/L	67
06/23/93	LCSD93 1259 #MP	CHGC7A306231200		1.00	0.60	ug/L	60
06/24/93	LCS93 1127 #LS	CHGC7A306231200		1.00	0.91	ug/L	91
06/24/93	LCS93 1128 #MP	CHGC7A306231200		1.00	0.78	ug/L	78

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene continued							
Type of Spike : Surrogate - Laboratory Control							
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		1.00	0.92	ug/L	92
06/24/93	LCSD93 1128 #MP	CHGC7A306231200		1.00	0.80	ug/L	80
08/07/93	LCS93 3026 #LS	CHGC7A308061200		1.00	0.79	ug/L	79
08/07/93	LCS93 3027 #MP	CHGC7A308061200		1.00	0.73	ug/L	73
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		1.00	0.72	ug/L	72
08/07/93	LCSD93 3027 #MP	CHGC7A308061200		1.00	0.79	ug/L	79
09/14/93	LCS934010 #LS K	CHGC7A309131200		1.00	0.70	ug/L	70
09/14/93	LCS934011 #MP K	CHGC7A309131200		1.00	0.64	ug/L	64
09/14/93	LCSD934010 #LS	CHGC7A309131200		1.00	0.71	ug/L	71
09/14/93	LCSD934011 #MP	CHGC7A309131200		1.00	0.66	ug/L	66
Number of Samples : 44			Below acceptance : 0				
Mean % Recovery : 79.5			Above acceptance : 0				
Standard Deviation : 12.13			Acceptance Criteria 20-142				
Type of Spike : Surrogate - Matrix Spike							
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200		1.00	1.06	ug/L	103
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200		1.00	1.00	ug/L	97
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200		1.00	0.79	ug/L	80
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200		1.00	0.79	ug/L	79
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200		10.00	0.82	ug/L	8
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200		1.00	0.81	ug/L	82
Number of Samples : 6			Below acceptance : 1				
Mean % Recovery : 74.8			Above acceptance : 0				
Standard Deviation : 34.20			Acceptance Criteria 20-142				
Type of Spike : Surrogate - Normal Sample							
06/26/93	03-GW-02-03	CHGC1B306251200		1.00	0.73	ug/L	74
06/26/93	03-GW-03-03	CHGC1B306251200		1.00	0.76	ug/L	78
06/26/93	03-GW-04-03	CHGC1B306251200		1.00	0.77	ug/L	76
06/26/93	05-MW-01-03	CHGC1B306251200		1.00	0.88	ug/L	88
06/26/93	05-MW-02-03	CHGC1B306251200		1.00	0.93	ug/L	94
06/26/93	05-MW-03-03	CHGC1B306251200		1.00	1.00	ug/L	101
06/26/93	05-MW-04-03	CHGC1B306251200		1.00	0.87	ug/L	88
06/26/93	05-MW-05-03	CHGC1B306251200		1.00	0.74	ug/L	73
06/26/93	05-MW-06-03	CHGC1B306251200		1.00	0.88	ug/L	89
08/21/93	07-MW-01-03	CHGC1B308201200		1.10	1.14	ug/L	102
08/21/93	07-MW-03-03	CHGC1B308201200		1.00	1.00	ug/L	96
06/15/93	04-MW-02-03	CHGC6A306141200		1.00	0.94	ug/L	95
06/15/93	04-MW-03-03	CHGC6A306141200		1.00	0.90	ug/L	92
06/15/93	10-MW-03-03	CHGC6A306141200		1.00	0.93	ug/L	92

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene continued							
Type of Spike : Surrogate - Normal Sample							
06/15/93	12-MW-01-03	CHGC6A306141200		1.00	0.99	ug/L	98
06/15/93	12-MW-02-03	CHGC6A306141200		1.00	0.94	ug/L	93
06/19/93	06-MW-03-03	CHGC6A306181200		1.00	0.87	ug/L	88
06/19/93	07-MW-02-03	CHGC6A306181200		1.00	0.80	ug/L	80
06/19/93	10-MW-01-03	CHGC6A306181200		1.00	0.86	ug/L	88
06/19/93	10-MW-02-03	CHGC6A306181200		1.00	0.80	ug/L	80
06/23/93	09-MW-03-03	CHGC6A306221200		1.00	0.91	ug/L	95
06/23/93	09-MW-04-03	CHGC6A306221200		1.00	0.96	ug/L	99
06/24/93	09-MW-05-03	CHGC6A306221200		1.00	0.93	ug/L	97
06/24/93	09-MW-06-03	CHGC6A306221200		1.00	0.94	ug/L	98
06/23/93	06-MW-01-03	CHGC7A306231200		1.00	0.84	ug/L	81
06/24/93	01-MW-01-03	CHGC7A306231200		1.00	0.90	ug/L	88
06/24/93	01-MW-02-03	CHGC7A306231200		1.00	1.07	ug/L	103
06/24/93	06-MW-02-03	CHGC7A306231200		1.00	0.86	ug/L	86
06/24/93	06-MW-04-03	CHGC7A306231200		1.00	0.67	ug/L	68
06/24/93	09-MW-01-03	CHGC7A306231200		1.00	0.91	ug/L	88
06/24/93	09-MW-02-03	CHGC7A306231200		1.00	0.96	ug/L	93
08/07/93	07-MW-04-03	CHGC7A308061200		1.10	0.96	ug/L	89
09/14/93	03-GW-01-03	CHGC7A309131200		1.02	0.71	ug/L	70
Number of Samples : 33			Below acceptance : 0				
Mean % Recovery : 88.5			Above acceptance : 0				
Standard Deviation : 9.41			Acceptance Criteria 20-142				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate							
Type of Spike : Surrogate - Field Duplicate							
06/26/93	03-GW-02-DS-03	CHGC1B306251200		1.00	1.08	ug/L	110
06/26/93	05-MW-03-DS-03	CHGC1B306251200		1.00	1.14	ug/L	113
06/15/93	12-MW-02-DS-03	CHGC6A306141200		1.10	1.25	ug/L	118
06/18/93	07-MW-02-DS-03	CHGC6A306181200		1.00	1.22	ug/L	122
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 115.8			Above acceptance : 0				
Standard Deviation : 5.32			Acceptance Criteria 24-154				
Type of Spike : Surrogate - Laboratory Control							
06/26/93	LCS 931313 #MP	CHGC1B306251200		1.00	0.83	ug/L	83
06/26/93	LCS 931352 #LS	CHGC1B306251200		1.00	1.08	ug/L	108
06/26/93	LCS 931353 #MP	CHGC1B306251200		1.00	0.83	ug/L	83
06/26/93	LCS931312 #LS K	CHGC1B306251200		1.00	1.24	ug/L	124

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8080 - Organochlorine Pesticides and PCBs
Spiked Analyte : Dibutylchlorendate continued

Type of Spike : Surrogate - Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/26/93	LCSD931312 #LS	CHGC1B306251200		1.00	1.22	ug/L	122
06/26/93	LCSD931313 #MP	CHGC1B306251200		1.00	0.81	ug/L	81
06/26/93	LCSD931352 #LS	CHGC1B306251200		1.00	1.24	ug/L	124
06/26/93	LCSD931353 #MP	CHGC1B306251200		1.00	0.85	ug/L	85
08/21/93	LCS933380 #LS K	CHGC1B308201200		1.00	1.31	ug/L	131
08/21/93	LCS933381 #MP K	CHGC1B308201200		1.00	0.90	ug/L	90
08/21/93	LCSD933380 #LS	CHGC1B308201200		1.00	1.29	ug/L	129
08/21/93	LCSD933381 #MP	CHGC1B308201200		1.00	0.90	ug/L	90
06/15/93	LCS93-889 #MP	CHGC6A306141200		1.00	1.15	ug/L	115
06/15/93	LCS93-963 #LS	CHGC6A306141200		1.00	1.13	ug/L	113
06/15/93	LCSD93-889 #MP	CHGC6A306141200		1.00	1.13	ug/L	113
06/15/93	LCSD93-963 #LS	CHGC6A306141200		1.00	0.61	ug/L	61
06/18/93	LCS93-1035 #L	CHGC6A306181200		1.00	1.22	ug/L	122
06/18/93	LCS93-1036 #M	CHGC6A306181200		1.00	1.21	ug/L	121
06/18/93	LCSD93-1035 #L	CHGC6A306181200		1.00	1.26	ug/L	126
06/18/93	LCSD93-1036 #M	CHGC6A306181200		1.00	1.20	ug/L	120
06/23/93	LCS93-1035 #LS	CHGC6A306221200		1.00	1.22	ug/L	122
06/23/93	LCS93-1036 #MP	CHGC6A306221200		1.00	1.18	ug/L	118
06/23/93	LCS931190 #LS	CHGC6A306221200		1.00	1.27	ug/L	127
06/23/93	LCS931191 #MP	CHGC6A306221200		1.00	1.20	ug/L	120
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		1.00	1.26	ug/L	126
06/23/93	LCSD93-1036 #MP	CHGC6A306221200		1.00	1.20	ug/L	120
06/23/93	LCSD931120 #LS	CHGC6A306221200		1.00	1.28	ug/L	128
06/23/93	LCSD931191 #MP	CHGC6A306221200		1.00	1.19	ug/L	119
06/23/93	LCS93 1258 #LS	CHGC7A306231200		1.00	1.16	ug/L	116
06/23/93	LCS93 1259 #MP	CHGC7A306231200		1.00	1.03	ug/L	103
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		1.00	1.17	ug/L	117
06/23/93	LCSD93 1259 #MP	CHGC7A306231200		1.00	1.04	ug/L	104
06/24/93	LCS93 1127 #LS	CHGC7A306231200		1.00	1.28	ug/L	128
06/24/93	LCS93 1128 #MP	CHGC7A306231200		1.00	1.14	ug/L	114
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		1.00	1.30	ug/L	130
06/24/93	LCSD93 1128 #MP	CHGC7A306231200		1.00	1.10	ug/L	110
08/07/93	LCS93 3026 #LS	CHGC7A308061200		1.00	1.13	ug/L	113
08/07/93	LCS93 3027 #MP	CHGC7A308061200		1.00	1.12	ug/L	112
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		1.00	1.14	ug/L	114
08/07/93	LCSD93 3027 #MP	CHGC7A308061200		1.00	1.14	ug/L	114
09/14/93	LCS934010 #LS K	CHGC7A309131200		1.00	1.14	ug/L	114
09/14/93	LCS934011 #MP K	CHGC7A309131200		1.00	1.11	ug/L	111
09/14/93	LCSD934010 #LS	CHGC7A309131200		1.00	1.18	ug/L	118
09/14/93	LCSD934011 #MP	CHGC7A309131200		1.00	1.10	ug/L	110

Number of Samples	: 44	Below acceptance :	0
Mean % Recovery	: 112.5	Above acceptance :	0
Standard Deviation	: 15.44	Acceptance Criteria	24-154

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NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate continued							
Type of Spike : Surrogate - Matrix Spike							
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200		1.00	1.28	ug/L	124
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200		1.00	1.22	ug/L	118
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200		1.00	1.19	ug/L	121
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200		1.00	1.23	ug/L	123
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200		1.00	1.04	ug/L	106
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200		10.00	1.08	ug/L	11
Number of Samples : 6			Below acceptance : 1				
Mean % Recovery : 100.5			Above acceptance : 0				
Standard Deviation : 44.33			Acceptance Criteria 24-154				
Type of Spike : Surrogate - Normal Sample							
06/26/93	03-GW-02-03	CHGC1B306251200		1.00	1.07	ug/L	109
06/26/93	03-GW-03-03	CHGC1B306251200		1.00	1.09	ug/L	111
06/26/93	03-GW-04-03	CHGC1B306251200		1.00	1.13	ug/L	113
06/26/93	05-MW-01-03	CHGC1B306251200		1.00	1.24	ug/L	125
06/26/93	05-MW-02-03	CHGC1B306251200		1.00	1.27	ug/L	128
06/26/93	05-MW-03-03	CHGC1B306251200		1.00	1.14	ug/L	115
06/26/93	05-MW-04-03	CHGC1B306251200		1.00	1.18	ug/L	119
06/26/93	05-MW-05-03	CHGC1B306251200		1.00	1.22	ug/L	120
06/26/93	05-MW-06-03	CHGC1B306251200		1.00	1.20	ug/L	121
08/21/93	07-MW-01-03	CHGC1B308201200		1.10	1.47	ug/L	131
08/21/93	07-MW-03-03	CHGC1B308201200		1.00	1.37	ug/L	132
06/15/93	04-MW-02-03	CHGC6A306141200		1.00	1.17	ug/L	118
06/15/93	04-MW-03-03	CHGC6A306141200		1.00	1.18	ug/L	122
06/15/93	10-MW-03-03	CHGC6A306141200		1.00	1.22	ug/L	121
06/15/93	12-MW-01-03	CHGC6A306141200		1.00	1.17	ug/L	116
06/15/93	12-MW-02-03	CHGC6A306141200		1.00	1.21	ug/L	119
06/19/93	06-MW-03-03	CHGC6A306181200		1.00	1.25	ug/L	126
06/19/93	07-MW-02-03	CHGC6A306181200		1.00	1.22	ug/L	122
06/19/93	10-MW-01-03	CHGC6A306181200		1.00	1.19	ug/L	121
06/19/93	10-MW-02-03	CHGC6A306181200		1.00	1.27	ug/L	127
06/23/93	09-MW-03-03	CHGC6A306221200		1.00	1.26	ug/L	131
06/23/93	09-MW-04-03	CHGC6A306221200		1.00	1.29	ug/L	134
06/24/93	09-MW-05-03	CHGC6A306221200		1.00	1.25	ug/L	130
06/24/93	09-MW-06-03	CHGC6A306221200		1.00	1.29	ug/L	134
06/23/93	06-MW-01-03	CHGC7A306231200		1.00	1.26	ug/L	122
06/24/93	01-MW-01-03	CHGC7A306231200		1.00	1.30	ug/L	126
06/24/93	01-MW-02-03	CHGC7A306231200		1.00	1.31	ug/L	127
06/24/93	06-MW-02-03	CHGC7A306231200		1.00	1.21	ug/L	121
06/24/93	06-MW-04-03	CHGC7A306231200		1.00	1.10	ug/L	112

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate continued							
Type of Spike : Surrogate - Normal Sample							
06/24/93	09-MW-01-03	CHGC7A306231200		1.00	1.26	ug/L	123
06/24/93	09-MW-02-03	CHGC7A306231200		1.00	1.29	ug/L	125
08/07/93	07-MW-04-03	CHGC7A308061200		1.10	1.23	ug/L	115
09/14/93	03-GW-01-03	CHGC7A309131200		1.02	0.70	ug/L	69
Number of Samples : 33			Below acceptance : 0				
Mean % Recovery : 120.8			Above acceptance : 0				
Standard Deviation : 11.40			Acceptance Criteria 24-154				
Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,1,1-Trichloroethane							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	20.40	ug/L	102
06/26/93	LCS931798	MS4502306260811		20.00	18.60	ug/L	93
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 97.5			Above acceptance : 0				
Standard Deviation : 6.36			Acceptance Criteria 52-162				
Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,1,2,2-Tetrachloroethane							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	19.40	ug/L	97
06/26/93	LCS931798	MS4502306260811		20.00	18.00	ug/L	90
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 93.5			Above acceptance : 0				
Standard Deviation : 4.95			Acceptance Criteria 46-157				

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,1,2-Trichloroethane							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	19.10	ug/L	95
06/26/93	LCS931798	MS4502306260811		20.00	17.80	ug/L	89
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 92.0			Above acceptance : 0				
Standard Deviation : 4.24			Acceptance Criteria 52-150				
Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,1-Dichloroethane							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	21.40	ug/L	107
06/26/93	LCS931798	MS4502306260811		20.00	18.80	ug/L	94
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 100.5			Above acceptance : 0				
Standard Deviation : 9.19			Acceptance Criteria 59-155				
Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,1-Dichloroethene							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	18.70	ug/L	93
06/26/93	LCS931798	MS4502306260811		20.00	17.10	ug/L	85
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 89.0			Above acceptance : 0				
Standard Deviation : 5.66			Acceptance Criteria D-234				
Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,2-Dichloroethane							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	22.50	ug/L	112
06/26/93	LCS931798	MS4502306260811		20.00	18.20	ug/L	91
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 101.5			Above acceptance : 0				
Standard Deviation : 14.85			Acceptance Criteria 49-155				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,2-Dichloropropane							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	22.30	ug/L	111
06/26/93	LCS931798	MS4502306260811		20.00	18.90	ug/L	95

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 103.0	Above acceptance :	0
Standard Deviation	: 11.31	Acceptance Criteria	D-210

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : 2-Butanone(MEK)							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		100.00	94.20	ug/L	94
06/26/93	LCS931798	MS4502306260811		100.00	93.30	ug/L	93

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 93.5	Above acceptance :	0
Standard Deviation	: .71	Acceptance Criteria	55-127

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : 2-Chloroethyl vinyl ether							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	28.30	ug/L	141
06/26/93	LCS931798	MS4502306260811		20.00	23.50	ug/L	117

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 129.0	Above acceptance :	0
Standard Deviation	: 16.97	Acceptance Criteria	D-305

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : 2-Hexanone							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		100.00	84.40	ug/L	84
06/26/93	LCS931798	MS4502306260811		100.00	93.60	ug/L	94

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 89.0	Above acceptance :	0
Standard Deviation	: 7.07	Acceptance Criteria	NS

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : 4-Methyl-2-pentanone(MIBK)							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		100.00	85.00	ug/L	85
06/26/93	LCS931798	MS4502306260811		100.00	80.60	ug/L	81
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 83.0			Above acceptance : 0				
Standard Deviation : 2.83			Acceptance Criteria NS				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Acetone							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		100.00	105.00	ug/L	105
06/26/93	LCS931798	MS4502306260811		100.00	85.70	ug/L	86
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 95.5			Above acceptance : 0				
Standard Deviation : 13.44			Acceptance Criteria NS				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Benzene							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	20.70	ug/L	103
06/26/93	LCS931798	MS4502306260811		20.00	20.00	ug/L	100
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 101.5			Above acceptance : 0				
Standard Deviation : 2.12			Acceptance Criteria 37-151				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Bromodichloromethane							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	21.60	ug/L	108
06/26/93	LCS931798	MS4502306260811		20.00	18.70	ug/L	93
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 100.5			Above acceptance : 0				
Standard Deviation : 10.61			Acceptance Criteria 35-155				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : Bromomethane							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	15.50	ug/L	78
06/26/93	LCS931798	MS4502306260811		20.00	13.60	ug/L	68
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 73.0			Above acceptance : 0				
Standard Deviation : 7.07			Acceptance Criteria D-242				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Carbon disulfide							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	20.50	ug/L	103
06/26/93	LCS931798	MS4502306260811		20.00	16.20	ug/L	81
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 92.0			Above acceptance : 0				
Standard Deviation : 15.56			Acceptance Criteria NS				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Carbon tetrachloride							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	21.50	ug/L	107
06/26/93	LCS931798	MS4502306260811		20.00	19.40	ug/L	97
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 102.0			Above acceptance : 0				
Standard Deviation : 7.07			Acceptance Criteria 70-140				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Chlorobenzene							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	24.90	ug/L	125
06/26/93	LCS931798	MS4502306260811		20.00	23.60	ug/L	118
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 121.5			Above acceptance : 0				
Standard Deviation : 4.95			Acceptance Criteria 37-160				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8240 - Volatile Organics							
Spiked Analyte : Chloroethane							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	27.60	ug/L	138
06/26/93	LCS931798	MS4502306260811		20.00	14.50	ug/L	72
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 105.0			Above acceptance : 0				
Standard Deviation : 46.67			Acceptance Criteria NS				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Chloroform							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	19.90	ug/L	100
06/26/93	LCS931798	MS4502306260811		20.00	18.90	ug/L	95
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 97.5			Above acceptance : 0				
Standard Deviation : 3.54			Acceptance Criteria 51-138				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Chloromethane							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	14.00	ug/L	70
06/26/93	LCS931798	MS4502306260811		20.00	15.10	ug/L	76
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 73.0			Above acceptance : 0				
Standard Deviation : 4.24			Acceptance Criteria . D-273				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Dibromochloromethane							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	20.80	ug/L	104
06/26/93	LCS931798	MS4502306260811		20.00	19.40	ug/L	97
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 100.5			Above acceptance : 0				
Standard Deviation : 4.95			Acceptance Criteria 53-149				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : Ethylbenzene							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	18.90	ug/L	95
06/26/93	LCS931798	MS4502306260811		20.00	20.10	ug/L	100
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 97.5			Above acceptance : 0				
Standard Deviation : 3.54			Acceptance Criteria 37-162				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Styrene							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	22.60	ug/L	113
06/26/93	LCS931798	MS4502306260811		20.00	21.00	ug/L	105
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 109.0			Above acceptance : 0				
Standard Deviation : 5.66			Acceptance Criteria NS				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Tetrachloroethene							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	18.90	ug/L	94
06/26/93	LCS931798	MS4502306260811		20.00	17.70	ug/L	89
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 91.5			Above acceptance : 0				
Standard Deviation : 3.54			Acceptance Criteria 64-148				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Toluene							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	20.50	ug/L	102
06/26/93	LCS931798	MS4502306260811		20.00	19.80	ug/L	99
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 100.5			Above acceptance : 0				
Standard Deviation : 2.12			Acceptance Criteria 47-150				

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics Spiked Analyte : Tribromomethane(Bromoform) Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	19.60	ug/L	98
06/26/93	LCS931798	MS4502306260811		20.00	18.20	ug/L	91
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 94.5			Above acceptance : 0				
Standard Deviation : 4.95			Acceptance Criteria 45-169				
Method : SW8240 - Volatile Organics Spiked Analyte : Trichloroethene Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	20.00	ug/L	100
06/26/93	LCS931798	MS4502306260811		20.00	18.60	ug/L	93
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 96.5			Above acceptance : 0				
Standard Deviation : 4.95			Acceptance Criteria 71-157				
Method : SW8240 - Volatile Organics Spiked Analyte : Trichlorofluoromethane Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	26.00	ug/L	130
06/26/93	LCS931798	MS4502306260811		20.00	10.90	ug/L	55
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 92.5			Above acceptance : 0				
Standard Deviation : 53.03			Acceptance Criteria NS				
Method : SW8240 - Volatile Organics Spiked Analyte : Vinyl acetate Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	127.00	ug/L	633
06/26/93	LCS931798	MS4502306260811		20.00	119.00	ug/L	597
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 615.0			Above acceptance : 2				
Standard Deviation : 25.46			Acceptance Criteria D-251				

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : Xylene (total)							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		60.00	60.60	ug/L	101
06/26/93	LCS931798	MS4502306260811		60.00	61.00	ug/L	102
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 101.5			Above acceptance : 0				
Standard Deviation : .71			Acceptance Criteria NS				
Method : SW8240 - Volatile Organics							
Spiked Analyte : cis-1,3-Dichloropropene							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		19.00	20.80	ug/L	109
06/26/93	LCS931798	MS4502306260811		19.00	18.80	ug/L	99
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 104.0			Above acceptance : 0				
Standard Deviation : 7.07			Acceptance Criteria D-227				
Method : SW8240 - Volatile Organics							
Spiked Analyte : trans-1,2-Dichloroethene							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		20.00	21.40	ug/L	107
06/26/93	LCS931798	MS4502306260811		20.00	17.60	ug/L	88
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 97.5			Above acceptance : 0				
Standard Deviation : 13.44			Acceptance Criteria 54-156				
Method : SW8240 - Volatile Organics							
Spiked Analyte : trans-1,3-Dichloropropene							
Type of Spike : Laboratory Control							
06/26/93	LCS931797	MS4502306260811		21.00	21.00	ug/L	100
06/26/93	LCS931798	MS4502306260811		21.00	19.40	ug/L	92
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 96.0			Above acceptance : 0				
Standard Deviation : 5.66			Acceptance Criteria 17-183				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,2-Dichloroethane-d4							
Type of Spike : Surrogate - Field Duplicate							
06/27/93	02-GW-03-DS-03	MS4502306260811		50.00	50.60	ug/L	101
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 101.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 76-114				
Type of Spike : Surrogate - Laboratory Control							
06/26/93	LCS931797	MS4502306260811		50.00	55.00	ug/L	110
06/26/93	LCS931798	MS4502306260811		50.00	54.30	ug/L	109
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 109.5			Above acceptance : 0				
Standard Deviation : .71			Acceptance Criteria 76-114				
Type of Spike : Surrogate - Normal Sample							
06/26/93	02-GW-03-03	MS4502306260811		50.00	54.70	ug/L	109
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 109.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 76-114				
Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,4-Bromofluorobenzene							
Type of Spike : Surrogate - Field Duplicate							
06/27/93	02-GW-03-DS-03	MS4502306260811		50.00	48.90	ug/L	98
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 98.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 86-115				
Type of Spike : Surrogate - Laboratory Control							
06/26/93	LCS931797	MS4502306260811		50.00	51.30	ug/L	103
06/26/93	LCS931798	MS4502306260811		50.00	49.80	ug/L	100
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 101.5			Above acceptance : 0				
Standard Deviation : 2.12			Acceptance Criteria 86-115				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,4-Bromofluorobenzene continued							
Type of Spike : Surrogate - Normal Sample							
Type of Spike : Surrogate - Normal Sample							
06/26/93	02-GW-03-03	MS4502306260811		50.00	47.10	ug/L	94
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 94.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 86-115				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Toluene-d8							
Type of Spike : Surrogate - Field Duplicate							
06/27/93	02-GW-03-DS-03	MS4502306260811		50.00	49.50	ug/L	99
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 99.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 88-110				
Type of Spike : Surrogate - Laboratory Control							
06/26/93	LCS931797	MS4502306260811		50.00	53.30	ug/L	107
06/26/93	LCS931798	MS4502306260811		50.00	49.10	ug/L	98
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 102.5			Above acceptance : 0				
Standard Deviation : 6.36			Acceptance Criteria 88-110				
Type of Spike : Surrogate - Normal Sample							
06/26/93	02-GW-03-03	MS4502306260811		50.00	49.20	ug/L	98
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 98.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 88-110				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,2,4-Trichlorobenzene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	88.00	ug/L	88
06/23/93	LCSD	MSMSD1306231041		100.00	88.80	ug/L	89
08/17/93	LCS	MSMSD1308171507		100.00	94.30	ug/L	94
08/17/93	LCSD	MSMSD1308171507		100.00	102.00	ug/L	102
08/25/93	LCS	MSMSD1308251013		100.00	92.40	ug/L	92
08/25/93	LCSD	MSMSD1308251013		100.00	84.80	ug/L	85
09/20/93	LCS	MSMSD1309201450		100.00	103.00	ug/L	103
09/20/93	LCSD	MSMSD1309201450		100.00	105.00	ug/L	105
09/23/93	LCS	MSMSD1309230953		100.00	94.40 *	ug/L	94
09/23/93	LCSD	MSMSD1309230953		100.00	94.30 *	ug/L	94
06/14/93	LCS	MSMSD2306140820		100.00	96.10	ug/L	96
06/14/93	LCS	MSMSD2306140820		100.00	98.80	ug/L	99
06/14/93	LCSD	MSMSD2306140820		100.00	95.60	ug/L	96
06/14/93	LCSD	MSMSD2306140820		100.00	92.00	ug/L	92
06/15/93	LCS	MSMSD2306150816		100.00	90.00	ug/L	90
06/15/93	LCS	MSMSD2306150816		100.00	90.00	ug/L	90
06/15/93	LCSD	MSMSD2306150816		100.00	96.30	ug/L	96
06/15/93	LCSD	MSMSD2306150816		100.00	96.30	ug/L	96
06/16/93	LCS	MSMSD2306160814		100.00	91.50	ug/L	92
06/16/93	LCSD	MSMSD2306160814		100.00	98.70	ug/L	99
06/22/93	LCS	MSMSD2306220822		100.00	100.00	ug/L	100
06/22/93	LCSD	MSMSD2306220822		100.00	103.00	ug/L	103
06/23/93	LCS	MSMSD2306230826		100.00	91.50	ug/L	91
06/23/93	LCSD	MSMSD2306230826		100.00	97.00	ug/L	97
06/24/93	LCS	MSMSD2306240908		100.00	99.00	ug/L	99
06/24/93	LCS	MSMSD2306240908		100.00	89.60	ug/L	90
06/24/93	LCSD	MSMSD2306240908		100.00	95.40	ug/L	95
06/24/93	LCSD	MSMSD2306240908		100.00	95.20	ug/L	95
08/07/93	LCS	MSMSD2308070819		100.00	84.20	ug/L	84
08/07/93	LCSD	MSMSD2308070819		100.00	85.20	ug/L	85
09/24/93	LCS	MSMSD2309240819		100.00	94.70	ug/L	95
09/24/93	LCSD	MSMSD2309240819		100.00	94.90	ug/L	95
10/08/93	LCS	MSMSD2310080817		100.00	95.80	ug/L	96
10/08/93	LCSD	MSMSD2310080817		100.00	93.10	ug/L	93
10/11/93	LCS	MSMSD2310110812		100.00	101.00	ug/L	101
10/11/93	LCSD	MSMSD2310110812		100.00	94.70	ug/L	95

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 94.6	Above acceptance :	0
Standard Deviation	: 5.13	Acceptance Criteria	44-142

Type of Spike : Matrix Spike

09/20/93	06-MW-07-01 MS	MSMSD1309201450	ND	107.00	97.20	ug/L	91
09/20/93	06-MW-07-01 MSD	MSMSD1309201450	ND	98.00	88.30	ug/L	90

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,2,4-Trichlorobenzene continued							
Type of Spike : Matrix Spike							
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	84.40	ug/L	84
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	84.20	ug/L	84
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	84.70	ug/L	84
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	84.80	ug/L	84
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	86.60	ug/L	87
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	86.20	ug/L	86
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 86.3			Above acceptance : 0				
Standard Deviation : 2.87			Acceptance Criteria 44-142				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,2-Dichlorobenzene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	81.80	ug/L	82
06/23/93	LCSD	MSMSD1306231041		100.00	90.50	ug/L	91
08/17/93	LCS	MSMSD1308171507		100.00	85.30	ug/L	85
08/17/93	LCSD	MSMSD1308171507		100.00	89.40	ug/L	89
08/25/93	LCS	MSMSD1308251013		100.00	93.30	ug/L	93
08/25/93	LCSD	MSMSD1308251013		100.00	86.10	ug/L	86
09/20/93	LCS	MSMSD1309201450		100.00	93.00	ug/L	93
09/20/93	LCSD	MSMSD1309201450		100.00	101.00	ug/L	101
09/23/93	LCS	MSMSD1309230953		100.00	89.60 *	ug/L	90
09/23/93	LCSD	MSMSD1309230953		100.00	86.70 *	ug/L	87
06/14/93	LCS	MSMSD2306140820		100.00	95.70	ug/L	96
06/14/93	LCS	MSMSD2306140820		100.00	98.70	ug/L	99
06/14/93	LCSD	MSMSD2306140820		100.00	93.60	ug/L	94
06/14/93	LCSD	MSMSD2306140820		100.00	99.20	ug/L	99
06/15/93	LCS	MSMSD2306150816		100.00	91.00	ug/L	91
06/15/93	LCS	MSMSD2306150816		100.00	91.00	ug/L	91
06/15/93	LCSD	MSMSD2306150816		100.00	96.50	ug/L	96
06/15/93	LCSD	MSMSD2306150816		100.00	96.50	ug/L	96
06/16/93	LCS	MSMSD2306160814		100.00	91.30	ug/L	91
06/16/93	LCSD	MSMSD2306160814		100.00	96.50	ug/L	97
06/22/93	LCS	MSMSD2306220822		100.00	103.00	ug/L	103
06/22/93	LCSD	MSMSD2306220822		100.00	108.00	ug/L	108
06/23/93	LCS	MSMSD2306230826		100.00	91.60	ug/L	92
06/23/93	LCSD	MSMSD2306230826		100.00	98.60	ug/L	99
06/24/93	LCS	MSMSD2306240908		100.00	92.60	ug/L	93
06/24/93	LCS	MSMSD2306240908		100.00	99.60	ug/L	100
06/24/93	LCSD	MSMSD2306240908		100.00	94.80	ug/L	95
06/24/93	LCSD	MSMSD2306240908		100.00	97.00	ug/L	97
08/07/93	LCS	MSMSD2308070819		100.00	89.30	ug/L	89

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,2-Dichlorobenzene continued							
Type of Spike : Laboratory Control							
08/07/93	LCSD	MSMSD2308070819		100.00	87.10	ug/L	87
09/24/93	LCS	MSMSD2309240819		100.00	102.00	ug/L	102
09/24/93	LCSD	MSMSD2309240819		100.00	103.00	ug/L	103
10/08/93	LCS	MSMSD2310080817		100.00	100.00	ug/L	100
10/08/93	LCSD	MSMSD2310080817		100.00	97.90	ug/L	98
10/11/93	LCS	MSMSD2310110812		100.00	105.00	ug/L	105
10/11/93	LCSD	MSMSD2310110812		100.00	99.00	ug/L	99
Number of Samples : 36			Below acceptance : 0				
Mean % Recovery : 94.9			Above acceptance : 0				
Standard Deviation : 6.04			Acceptance Criteria 32-129				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,3-Dichlorobenzene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	78.40	ug/L	78
06/23/93	LCSD	MSMSD1306231041		100.00	85.90	ug/L	86
08/17/93	LCS	MSMSD1308171507		100.00	90.30	ug/L	90
08/17/93	LCSD	MSMSD1308171507		100.00	93.50	ug/L	94
08/25/93	LCS	MSMSD1308251013		100.00	87.00	ug/L	87
08/25/93	LCSD	MSMSD1308251013		100.00	81.50	ug/L	81
09/20/93	LCS	MSMSD1309201450		100.00	91.60	ug/L	92
09/20/93	LCSD	MSMSD1309201450		100.00	97.90	ug/L	98
09/23/93	LCS	MSMSD1309230953		100.00	88.90 *	ug/L	89
09/23/93	LCSD	MSMSD1309230953		100.00	83.30 *	ug/L	83
06/14/93	LCS	MSMSD2306140820		100.00	90.60	ug/L	91
06/14/93	LCS	MSMSD2306140820		100.00	91.70	ug/L	92
06/14/93	LCSD	MSMSD2306140820		100.00	90.10	ug/L	90
06/14/93	LCSD	MSMSD2306140820		100.00	94.20	ug/L	94
06/15/93	LCS	MSMSD2306150816		100.00	84.90	ug/L	85
06/15/93	LCS	MSMSD2306150816		100.00	84.90	ug/L	85
06/15/93	LCSD	MSMSD2306150816		100.00	91.70	ug/L	92
06/15/93	LCSD	MSMSD2306150816		100.00	91.70	ug/L	92
06/16/93	LCS	MSMSD2306160814		100.00	86.90	ug/L	87
06/16/93	LCSD	MSMSD2306160814		100.00	91.00	ug/L	91
06/22/93	LCS	MSMSD2306220822		100.00	99.60	ug/L	100
06/22/93	LCSD	MSMSD2306220822		100.00	103.00	ug/L	103
06/23/93	LCS	MSMSD2306230826		100.00	86.60	ug/L	87
06/23/93	LCSD	MSMSD2306230826		100.00	93.00	ug/L	93
06/24/93	LCS	MSMSD2306240908		100.00	94.20	ug/L	94
06/24/93	LCS	MSMSD2306240908		100.00	88.30	ug/L	88
06/24/93	LCSD	MSMSD2306240908		100.00	92.90	ug/L	93
06/24/93	LCSD	MSMSD2306240908		100.00	90.50	ug/L	91

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,3-Dichlorobenzene continued							
Type of Spike : Laboratory Control							
08/07/93	LCS	MSMSD2308070819		100.00	84.30	ug/L	84
08/07/93	LCSD	MSMSD2308070819		100.00	82.30	ug/L	82
09/24/93	LCS	MSMSD2309240819		100.00	96.10	ug/L	96
09/24/93	LCSD	MSMSD2309240819		100.00	98.60	ug/L	99
10/08/93	LCS	MSMSD2310080817		100.00	96.00	ug/L	96
10/08/93	LCSD	MSMSD2310080817		100.00	91.10	ug/L	91
10/11/93	LCS	MSMSD2310110812		100.00	100.00	ug/L	100
10/11/93	LCSD	MSMSD2310110812		100.00	94.30	ug/L	94
Number of Samples : 36			Below acceptance : 0				
Mean % Recovery : 90.8			Above acceptance : 0				
Standard Deviation : 5.70			Acceptance Criteria D-172				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,4-Dichlorobenzene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	76.30	ug/L	76
06/23/93	LCSD	MSMSD1306231041		100.00	82.70	ug/L	83
08/17/93	LCS	MSMSD1308171507		100.00	85.80	ug/L	86
08/17/93	LCSD	MSMSD1308171507		100.00	91.20	ug/L	91
08/25/93	LCS	MSMSD1308251013		100.00	85.80	ug/L	86
08/25/93	LCSD	MSMSD1308251013		100.00	77.40	ug/L	77
09/20/93	LCS	MSMSD1309201450		100.00	85.50	ug/L	86
09/20/93	LCSD	MSMSD1309201450		100.00	97.20	ug/L	97
09/23/93	LCS	MSMSD1309230953		100.00	83.70 *	ug/L	84
09/23/93	LCSD	MSMSD1309230953		100.00	81.40 *	ug/L	81
06/14/93	LCS	MSMSD2306140820		100.00	84.50	ug/L	85
06/14/93	LCS	MSMSD2306140820		100.00	86.40	ug/L	86
06/14/93	LCSD	MSMSD2306140820		100.00	83.00	ug/L	83
06/14/93	LCSD	MSMSD2306140820		100.00	89.50	ug/L	90
06/15/93	LCS	MSMSD2306150816		100.00	79.60	ug/L	80
06/15/93	LCS	MSMSD2306150816		100.00	79.60	ug/L	80
06/15/93	LCSD	MSMSD2306150816		100.00	84.10	ug/L	84
06/15/93	LCSD	MSMSD2306150816		100.00	84.10	ug/L	84
06/16/93	LCS	MSMSD2306160814		100.00	80.80	ug/L	81
06/16/93	LCSD	MSMSD2306160814		100.00	84.20	ug/L	84
06/22/93	LCS	MSMSD2306220822		100.00	92.70	ug/L	93
06/22/93	LCSD	MSMSD2306220822		100.00	95.60	ug/L	96
06/23/93	LCS	MSMSD2306230826		100.00	81.20	ug/L	81
06/23/93	LCSD	MSMSD2306230826		100.00	86.80	ug/L	87
06/24/93	LCS	MSMSD2306240908		100.00	88.10	ug/L	88
06/24/93	LCS	MSMSD2306240908		100.00	82.60	ug/L	83
06/24/93	LCSD	MSMSD2306240908		100.00	85.90	ug/L	86

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NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,4-Dichlorobenzene continued							
Type of Spike : Laboratory Control							
06/24/93	LCSD	MSMSD2306240908		100.00	84.10	ug/L	84
08/07/93	LCS	MSMSD2308070819		100.00	80.00	ug/L	80
08/07/93	LCSD	MSMSD2308070819		100.00	78.10	ug/L	78
09/24/93	LCS	MSMSD2309240819		100.00	90.10	ug/L	90
09/24/93	LCSD	MSMSD2309240819		100.00	92.30	ug/L	92
10/08/93	LCS	MSMSD2310080817		100.00	89.30	ug/L	89
10/08/93	LCSD	MSMSD2310080817		100.00	86.60	ug/L	87
10/11/93	LCS	MSMSD2310110812		100.00	93.60	ug/L	94
10/11/93	LCSD	MSMSD2310110812		100.00	88.80	ug/L	89
Number of Samples : 36			Below acceptance : 0				
Mean % Recovery : 85.6			Above acceptance : 0				
Standard Deviation : 5.13			Acceptance Criteria 20-124				
Type of Spike : Matrix Spike							
09/20/93	06-MW-07-01 MS	MSMSD1309201450	ND	107.00	87.60	ug/L	82
09/20/93	06-MW-07-01 MSD	MSMSD1309201450	ND	98.00	78.30	ug/L	80
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	74.80	ug/L	75
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	74.00	ug/L	74
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	73.30	ug/L	73
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	75.10	ug/L	74
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	82.30	ug/L	82
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	80.10	ug/L	80
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 77.5			Above acceptance : 0				
Standard Deviation : 3.85			Acceptance Criteria 20-124				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,5-Trichlorophenol							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	89.30	ug/L	89
06/23/93	LCSD	MSMSD1306231041		100.00	90.20	ug/L	90
08/17/93	LCS	MSMSD1308171507		100.00	93.70	ug/L	94
08/17/93	LCSD	MSMSD1308171507		100.00	98.40	ug/L	98
08/25/93	LCS	MSMSD1308251013		100.00	89.00	ug/L	89
08/25/93	LCSD	MSMSD1308251013		100.00	79.70	ug/L	80
09/20/93	LCS	MSMSD1309201450		100.00	98.00	ug/L	98
09/20/93	LCSD	MSMSD1309201450		100.00	97.60	ug/L	98
09/23/93	LCS	MSMSD1309230953		100.00	88.70 *	ug/L	89
09/23/93	LCSD	MSMSD1309230953		100.00	95.80 *	ug/L	96

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,5-Trichlorophenol continued							
Type of Spike : Laboratory Control							
06/14/93	LCS	MSMSD2306140820		100.00	106.00	ug/L	106
06/14/93	LCS	MSMSD2306140820		100.00	108.00	ug/L	108
06/14/93	LCSD	MSMSD2306140820		100.00	104.00	ug/L	104
06/14/93	LCSD	MSMSD2306140820		100.00	100.00	ug/L	100
06/15/93	LCS	MSMSD2306150816		100.00	98.20	ug/L	98
06/15/93	LCS	MSMSD2306150816		100.00	98.20	ug/L	98
06/15/93	LCSD	MSMSD2306150816		100.00	108.00	ug/L	108
06/15/93	LCSD	MSMSD2306150816		100.00	108.00	ug/L	108
06/16/93	LCS	MSMSD2306160814		100.00	99.00	ug/L	99
06/16/93	LCSD	MSMSD2306160814		100.00	108.00	ug/L	108
06/22/93	LCS	MSMSD2306220822		100.00	100.00	ug/L	100
06/22/93	LCSD	MSMSD2306220822		100.00	107.00	ug/L	107
06/23/93	LCS	MSMSD2306230826		100.00	96.00	ug/L	96
06/23/93	LCSD	MSMSD2306230826		100.00	99.80	ug/L	100
06/24/93	LCS	MSMSD2306240908		100.00	95.50	ug/L	95
06/24/93	LCS	MSMSD2306240908		100.00	99.00	ug/L	99
06/24/93	LCSD	MSMSD2306240908		100.00	99.80	ug/L	100
06/24/93	LCSD	MSMSD2306240908		100.00	103.00	ug/L	103
08/07/93	LCS	MSMSD2308070819		100.00	85.60	ug/L	86
08/07/93	LCSD	MSMSD2308070819		100.00	84.40	ug/L	84
09/24/93	LCS	MSMSD2309240819		100.00	92.30	ug/L	92
09/24/93	LCSD	MSMSD2309240819		100.00	93.60	ug/L	94
10/08/93	LCS	MSMSD2310080817		100.00	94.20	ug/L	94
10/08/93	LCSD	MSMSD2310080817		100.00	95.80	ug/L	96
10/11/93	LCS	MSMSD2310110812		100.00	99.90	ug/L	100
10/11/93	LCSD	MSMSD2310110812		100.00	94.30	ug/L	94

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 97.2	Above acceptance :	0
Standard Deviation	: 6.96	Acceptance Criteria	NS

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Trichlorophenol							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	74.20	ug/L	74
06/23/93	LCSD	MSMSD1306231041		100.00	69.70	ug/L	70
08/17/93	LCS	MSMSD1308171507		100.00	77.10	ug/L	77
08/17/93	LCSD	MSMSD1308171507		100.00	80.30	ug/L	80
08/25/93	LCS	MSMSD1308251013		100.00	72.20	ug/L	72
08/25/93	LCSD	MSMSD1308251013		100.00	66.50	ug/L	67
09/20/93	LCS	MSMSD1309201450		100.00	80.10	ug/L	80
09/20/93	LCSD	MSMSD1309201450		100.00	77.70	ug/L	78
09/23/93	LCS	MSMSD1309230953		100.00	71.90 *	ug/L	72

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Trichlorophenol continued							
Type of Spike : Laboratory Control							
09/23/93	LCSD	MSMSD1309230953		100.00	78.60 *	ug/L	79
06/14/93	LCS	MSMSD2306140820		100.00	86.30	ug/L	86
06/14/93	LCS	MSMSD2306140820		100.00	85.50	ug/L	86
06/14/93	LCSD	MSMSD2306140820		100.00	82.40	ug/L	82
06/14/93	LCSD	MSMSD2306140820		100.00	80.20	ug/L	80
06/15/93	LCS	MSMSD2306150816		100.00	78.30	ug/L	78
06/15/93	LCS	MSMSD2306150816		100.00	78.30	ug/L	78
06/15/93	LCSD	MSMSD2306150816		100.00	85.50	ug/L	86
06/15/93	LCSD	MSMSD2306150816		100.00	85.50	ug/L	86
06/16/93	LCS	MSMSD2306160814		100.00	78.10	ug/L	78
06/16/93	LCSD	MSMSD2306160814		100.00	86.10	ug/L	86
06/22/93	LCS	MSMSD2306220822		100.00	81.90	ug/L	82
06/22/93	LCSD	MSMSD2306220822		100.00	86.10	ug/L	86
06/23/93	LCS	MSMSD2306230826		100.00	77.40	ug/L	77
06/23/93	LCSD	MSMSD2306230826		100.00	79.60	ug/L	80
06/24/93	LCS	MSMSD2306240908		100.00	79.20	ug/L	79
06/24/93	LCS	MSMSD2306240908		100.00	76.10	ug/L	76
06/24/93	LCSD	MSMSD2306240908		100.00	81.30	ug/L	81
06/24/93	LCSD	MSMSD2306240908		100.00	79.10	ug/L	79
08/07/93	LCS	MSMSD2308070819		100.00	67.60	ug/L	68
08/07/93	LCSD	MSMSD2308070819		100.00	66.10	ug/L	66
09/24/93	LCS	MSMSD2309240819		100.00	74.20	ug/L	74
09/24/93	LCSD	MSMSD2309240819		100.00	75.40	ug/L	75
10/08/93	LCS	MSMSD2310080817		100.00	75.30	ug/L	75
10/08/93	LCSD	MSMSD2310080817		100.00	75.60	ug/L	76
10/11/93	LCS	MSMSD2310110812		100.00	78.30	ug/L	78
10/11/93	LCSD	MSMSD2310110812		100.00	75.10	ug/L	75

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 77.8	Above acceptance :	0
Standard Deviation	: 5.38	Acceptance Criteria	37-144

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dichlorophenol							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	87.90	ug/L	88
06/23/93	LCSD	MSMSD1306231041		100.00	87.60	ug/L	88
08/17/93	LCS	MSMSD1308171507		100.00	92.90	ug/L	93
08/17/93	LCSD	MSMSD1308171507		100.00	98.80	ug/L	99
08/25/93	LCS	MSMSD1308251013		100.00	93.10	ug/L	93
08/25/93	LCSD	MSMSD1308251013		100.00	80.20	ug/L	80
09/20/93	LCS	MSMSD1309201450		100.00	95.20	ug/L	95
09/20/93	LCSD	MSMSD1309201450		100.00	97.30	ug/L	97

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dichlorophenol continued							
Type of Spike : Laboratory Control							
09/23/93	LCS	MSMSD1309230953		100.00	93.80 *	ug/L	94
09/23/93	LCSD	MSMSD1309230953		100.00	95.60 *	ug/L	96
06/14/93	LCS	MSMSD2306140820		100.00	106.00	ug/L	106
06/14/93	LCS	MSMSD2306140820		100.00	105.00	ug/L	105
06/14/93	LCSD	MSMSD2306140820		100.00	100.00	ug/L	100
06/14/93	LCSD	MSMSD2306140820		100.00	101.00	ug/L	101
06/15/93	LCS	MSMSD2306150816		100.00	96.30	ug/L	96
06/15/93	LCS	MSMSD2306150816		100.00	96.30	ug/L	96
06/15/93	LCSD	MSMSD2306150816		100.00	107.00	ug/L	107
06/15/93	LCSD	MSMSD2306150816		100.00	107.00	ug/L	107
06/16/93	LCS	MSMSD2306160814		100.00	97.60	ug/L	98
06/16/93	LCSD	MSMSD2306160814		100.00	109.00	ug/L	109
06/22/93	LCS	MSMSD2306220822		100.00	101.00	ug/L	101
06/22/93	LCSD	MSMSD2306220822		100.00	108.00	ug/L	108
06/23/93	LCS	MSMSD2306230826		100.00	96.40	ug/L	96
06/23/93	LCSD	MSMSD2306230826		100.00	100.00	ug/L	100
06/24/93	LCS	MSMSD2306240908		100.00	99.60	ug/L	100
06/24/93	LCS	MSMSD2306240908		100.00	94.20	ug/L	94
06/24/93	LCSD	MSMSD2306240908		100.00	100.00	ug/L	100
06/24/93	LCSD	MSMSD2306240908		100.00	99.10	ug/L	99
08/07/93	LCS	MSMSD2308070819		100.00	84.30	ug/L	84
08/07/93	LCSD	MSMSD2308070819		100.00	83.40	ug/L	83
09/24/93	LCS	MSMSD2309240819		100.00	93.90	ug/L	94
09/24/93	LCSD	MSMSD2309240819		100.00	94.80	ug/L	95
10/08/93	LCS	MSMSD2310080817		100.00	97.50	ug/L	98
10/08/93	LCSD	MSMSD2310080817		100.00	96.30	ug/L	96
10/11/93	LCS	MSMSD2310110812		100.00	102.00	ug/L	102
10/11/93	LCSD	MSMSD2310110812		100.00	96.50	ug/L	97

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 97.1	Above acceptance :	0
Standard Deviation	: 6.76	Acceptance Criteria	39-135

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dimethylphenol							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	76.20	ug/L	76
06/23/93	LCSD	MSMSD1306231041		100.00	78.60	ug/L	79
08/17/93	LCS	MSMSD1308171507		100.00	90.40	ug/L	90
08/17/93	LCSD	MSMSD1308171507		100.00	96.20	ug/L	96
08/25/93	LCS	MSMSD1308251013		100.00	92.10	ug/L	92
08/25/93	LCSD	MSMSD1308251013		100.00	81.00	ug/L	81
09/20/93	LCS	MSMSD1309201450		100.00	86.20	ug/L	86

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dimethylphenol continued							
Type of Spike : Laboratory Control							
09/20/93	LCSD	MSMSD1309201450		100.00	97.00	ug/L	97
09/23/93	LCS	MSMSD1309230953		100.00	92.70 *	ug/L	93
09/23/93	LCSD	MSMSD1309230953		100.00	91.20 *	ug/L	91
06/14/93	LCS	MSMSD2306140820		100.00	99.40	ug/L	99
06/14/93	LCS	MSMSD2306140820		100.00	97.50	ug/L	98
06/14/93	LCSD	MSMSD2306140820		100.00	94.20	ug/L	94
06/14/93	LCSD	MSMSD2306140820		100.00	95.60	ug/L	96
06/15/93	LCS	MSMSD2306150816		100.00	87.20	ug/L	87
06/15/93	LCS	MSMSD2306150816		100.00	87.20	ug/L	87
06/15/93	LCSD	MSMSD2306150816		100.00	97.40	ug/L	97
06/15/93	LCSD	MSMSD2306150816		100.00	97.40	ug/L	97
06/16/93	LCS	MSMSD2306160814		100.00	85.40	ug/L	85
06/16/93	LCSD	MSMSD2306160814		100.00	97.40	ug/L	97
06/22/93	LCS	MSMSD2306220822		100.00	91.10	ug/L	91
06/22/93	LCSD	MSMSD2306220822		100.00	97.40	ug/L	97
06/23/93	LCS	MSMSD2306230826		100.00	85.30	ug/L	85
06/23/93	LCSD	MSMSD2306230826		100.00	89.70	ug/L	90
06/24/93	LCS	MSMSD2306240908		100.00	89.40	ug/L	89
06/24/93	LCS	MSMSD2306240908		100.00	83.50	ug/L	84
06/24/93	LCSD	MSMSD2306240908		100.00	89.00	ug/L	89
06/24/93	LCSD	MSMSD2306240908		100.00	81.00	ug/L	81
08/07/93	LCS	MSMSD2308070819		100.00	80.60	ug/L	81
08/07/93	LCSD	MSMSD2308070819		100.00	80.50	ug/L	80
09/24/93	LCS	MSMSD2309240819		100.00	94.30	ug/L	94
09/24/93	LCSD	MSMSD2309240819		100.00	88.60	ug/L	89
10/08/93	LCS	MSMSD2310080817		100.00	94.80	ug/L	95
10/08/93	LCSD	MSMSD2310080817		100.00	93.80	ug/L	94
10/11/93	LCS	MSMSD2310110812		100.00	95.70	ug/L	96
10/11/93	LCSD	MSMSD2310110812		100.00	89.50	ug/L	90

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 90.1	Above acceptance :	0
Standard Deviation	: 6.25	Acceptance Criteria	32-119

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dinitrophenol							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	92.20	ug/L	92
06/23/93	LCSD	MSMSD1306231041		100.00	90.00	ug/L	90
08/17/93	LCS	MSMSD1308171507		100.00	126.00	ug/L	126
08/17/93	LCSD	MSMSD1308171507		100.00	140.00	ug/L	140
08/25/93	LCS	MSMSD1308251013		100.00	130.00	ug/L	130
08/25/93	LCSD	MSMSD1308251013		100.00	117.00	ug/L	117

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dinitrophenol continued							
Type of Spike : Laboratory Control							
09/20/93	LCS	MSMSD1309201450		100.00	122.00	ug/L	122
09/20/93	LCSD	MSMSD1309201450		100.00	121.00	ug/L	121
09/23/93	LCS	MSMSD1309230953		100.00	107.00 *	ug/L	107
09/23/93	LCSD	MSMSD1309230953		100.00	108.00 *	ug/L	108
06/14/93	LCS	MSMSD2306140820		100.00	142.00	ug/L	142
06/14/93	LCS	MSMSD2306140820		100.00	142.00	ug/L	142
06/14/93	LCSD	MSMSD2306140820		100.00	134.00	ug/L	134
06/14/93	LCSD	MSMSD2306140820		100.00	135.00	ug/L	135
06/15/93	LCS	MSMSD2306150816		100.00	113.00	ug/L	113
06/15/93	LCS	MSMSD2306150816		100.00	113.00	ug/L	113
06/15/93	LCSD	MSMSD2306150816		100.00	132.00	ug/L	132
06/15/93	LCSD	MSMSD2306150816		100.00	132.00	ug/L	132
06/16/93	LCS	MSMSD2306160814		100.00	121.00	ug/L	121
06/16/93	LCSD	MSMSD2306160814		100.00	144.00	ug/L	144
06/22/93	LCS	MSMSD2306220822		100.00	137.00	ug/L	137
06/22/93	LCSD	MSMSD2306220822		100.00	151.00	ug/L	151
06/23/93	LCS	MSMSD2306230826		100.00	129.00	ug/L	129
06/23/93	LCSD	MSMSD2306230826		100.00	134.00	ug/L	134
06/24/93	LCS	MSMSD2306240908		100.00	127.00	ug/L	127
06/24/93	LCS	MSMSD2306240908		100.00	120.00	ug/L	120
06/24/93	LCSD	MSMSD2306240908		100.00	130.00	ug/L	130
06/24/93	LCSD	MSMSD2306240908		100.00	131.00	ug/L	131
08/07/93	LCS	MSMSD2308070819		100.00	95.20	ug/L	95
08/07/93	LCSD	MSMSD2308070819		100.00	90.40	ug/L	90
09/24/93	LCS	MSMSD2309240819		100.00	97.80	ug/L	98
09/24/93	LCSD	MSMSD2309240819		100.00	104.00	ug/L	104
10/08/93	LCS	MSMSD2310080817		100.00	98.00	ug/L	98
10/08/93	LCSD	MSMSD2310080817		100.00	101.00	ug/L	101
10/11/93	LCS	MSMSD2310110812		100.00	102.00	ug/L	102
10/11/93	LCSD	MSMSD2310110812		100.00	103.00	ug/L	103

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 119.8	Above acceptance :	0
Standard Deviation	: 17.25	Acceptance Criteria	D-191

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dinitrotoluene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	87.80	ug/L	88
06/23/93	LCSD	MSMSD1306231041		100.00	85.40	ug/L	85
08/17/93	LCS	MSMSD1308171507		100.00	93.20	ug/L	93
08/17/93	LCSD	MSMSD1308171507		100.00	100.00	ug/L	100
08/25/93	LCS	MSMSD1308251013		100.00	98.20	ug/L	98
08/25/93	LCSD	MSMSD1308251013		100.00	89.60	ug/L	90
09/20/93	LCS	MSMSD1309201450		100.00	104.00	ug/L	104
09/20/93	LCSD	MSMSD1309201450		100.00	103.00	ug/L	103
09/23/93	LCS	MSMSD1309230953		100.00	92.80 *	ug/L	93
09/23/93	LCSD	MSMSD1309230953		100.00	95.60 *	ug/L	96
06/14/93	LCS	MSMSD2306140820		100.00	104.00	ug/L	104
06/14/93	LCS	MSMSD2306140820		100.00	110.00	ug/L	110
06/14/93	LCSD	MSMSD2306140820		100.00	109.00	ug/L	109
06/14/93	LCSD	MSMSD2306140820		100.00	98.50	ug/L	99
06/15/93	LCS	MSMSD2306150816		100.00	93.60	ug/L	94
06/15/93	LCS	MSMSD2306150816		100.00	93.60	ug/L	94
06/15/93	LCSD	MSMSD2306150816		100.00	99.50	ug/L	99
06/15/93	LCSD	MSMSD2306150816		100.00	99.50	ug/L	99
06/16/93	LCS	MSMSD2306160814		100.00	97.20	ug/L	97
06/16/93	LCSD	MSMSD2306160814		100.00	105.00	ug/L	105
06/22/93	LCS	MSMSD2306220822		100.00	107.00	ug/L	107
06/22/93	LCSD	MSMSD2306220822		100.00	111.00	ug/L	111
06/23/93	LCS	MSMSD2306230826		100.00	101.00	ug/L	101
06/23/93	LCSD	MSMSD2306230826		100.00	104.00	ug/L	104
06/24/93	LCS	MSMSD2306240908		100.00	97.70	ug/L	98
06/24/93	LCS	MSMSD2306240908		100.00	101.00	ug/L	101
06/24/93	LCSD	MSMSD2306240908		100.00	102.00	ug/L	102
06/24/93	LCSD	MSMSD2306240908		100.00	102.00	ug/L	102
08/07/93	LCS	MSMSD2308070819		100.00	84.50	ug/L	85
08/07/93	LCSD	MSMSD2308070819		100.00	82.60	ug/L	83
09/24/93	LCS	MSMSD2309240819		100.00	91.50	ug/L	91
09/24/93	LCSD	MSMSD2309240819		100.00	91.50	ug/L	91
10/08/93	LCS	MSMSD2310080817		100.00	91.60	ug/L	92
10/08/93	LCSD	MSMSD2310080817		100.00	93.10	ug/L	93
10/11/93	LCS	MSMSD2310110812		100.00	95.50	ug/L	96
10/11/93	LCSD	MSMSD2310110812		100.00	88.20	ug/L	88
Number of Samples : 36			Below acceptance : 0				
Mean % Recovery : 97.4			Above acceptance : 0				
Standard Deviation : 7.20			Acceptance Criteria 39-139				
Type of Spike : Matrix Spike							
09/20/93	06-MW-07-01 MS	MSMSD1309201450	ND	107.00	85.30	ug/L	80
09/20/93	06-MW-07-01 MSD	MSMSD1309201450	ND	98.00	75.10	ug/L	77

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dinitrotoluene continued							
Type of Spike : Matrix Spike							
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	83.90	ug/L	84
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	80.90	ug/L	81
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	79.60	ug/L	79
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	82.80	ug/L	82
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	75.00	ug/L	75
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	75.20	ug/L	75
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 79.1			Above acceptance : 0				
Standard Deviation : 3.27			Acceptance Criteria 39-139				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,6-Dinitrotoluene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	91.60	ug/L	92
06/23/93	LCSD	MSMSD1306231041		100.00	91.00	ug/L	91
08/17/93	LCS	MSMSD1308171507		100.00	103.00	ug/L	103
08/17/93	LCSD	MSMSD1308171507		100.00	110.00	ug/L	110
08/25/93	LCS	MSMSD1308251013		100.00	102.00	ug/L	102
08/25/93	LCSD	MSMSD1308251013		100.00	95.10	ug/L	95
09/20/93	LCS	MSMSD1309201450		100.00	114.00	ug/L	114
09/20/93	LCSD	MSMSD1309201450		100.00	112.00	ug/L	112
09/23/93	LCS	MSMSD1309230953		100.00	99.20 *	ug/L	99
09/23/93	LCSD	MSMSD1309230953		100.00	104.00 *	ug/L	104
06/14/93	LCS	MSMSD2306140820		100.00	110.00	ug/L	110
06/14/93	LCS	MSMSD2306140820		100.00	119.00	ug/L	119
06/14/93	LCSD	MSMSD2306140820		100.00	116.00	ug/L	116
06/14/93	LCSD	MSMSD2306140820		100.00	104.00	ug/L	104
06/15/93	LCS	MSMSD2306150816		100.00	97.60	ug/L	98
06/15/93	LCS	MSMSD2306150816		100.00	97.60	ug/L	98
06/15/93	LCSD	MSMSD2306150816		100.00	106.00	ug/L	106
06/15/93	LCSD	MSMSD2306150816		100.00	106.00	ug/L	106
06/16/93	LCS	MSMSD2306160814		100.00	99.90	ug/L	100
06/16/93	LCSD	MSMSD2306160814		100.00	110.00	ug/L	110
06/22/93	LCS	MSMSD2306220822		100.00	116.00	ug/L	116
06/22/93	LCSD	MSMSD2306220822		100.00	119.00	ug/L	119
06/23/93	LCS	MSMSD2306230826		100.00	109.00	ug/L	109
06/23/93	LCSD	MSMSD2306230826		100.00	112.00	ug/L	112
06/24/93	LCS	MSMSD2306240908		100.00	105.00	ug/L	105
06/24/93	LCS	MSMSD2306240908		100.00	109.00	ug/L	109
06/24/93	LCSD	MSMSD2306240908		100.00	108.00	ug/L	108
06/24/93	LCSD	MSMSD2306240908		100.00	109.00	ug/L	109
08/07/93	LCS	MSMSD2308070819		100.00	91.80	ug/L	92

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,6-Dinitrotoluene continued							
Type of Spike : Laboratory Control							
08/07/93	LCSD	MSMSD2308070819		100.00	90.50	ug/L	91
09/24/93	LCS	MSMSD2309240819		100.00	100.00	ug/L	100
09/24/93	LCSD	MSMSD2309240819		100.00	103.00	ug/L	103
10/08/93	LCS	MSMSD2310080817		100.00	98.20	ug/L	98
10/08/93	LCSD	MSMSD2310080817		100.00	106.00	ug/L	106
10/11/93	LCS	MSMSD2310110812		100.00	105.00	ug/L	105
10/11/93	LCSD	MSMSD2310110812		100.00	98.50	ug/L	98
Number of Samples : 36			Below acceptance : 0				
Mean % Recovery : 104.7			Above acceptance : 0				
Standard Deviation : 7.70			Acceptance Criteria 50-158				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Chloronaphthalene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	77.20	ug/L	77
06/23/93	LCSD	MSMSD1306231041		100.00	77.30	ug/L	77
08/17/93	LCS	MSMSD1308171507		100.00	84.00	ug/L	84
08/17/93	LCSD	MSMSD1308171507		100.00	88.60	ug/L	89
08/25/93	LCS	MSMSD1308251013		100.00	82.40	ug/L	82
08/25/93	LCSD	MSMSD1308251013		100.00	74.70	ug/L	75
09/20/93	LCS	MSMSD1309201450		100.00	88.50	ug/L	88
09/20/93	LCSD	MSMSD1309201450		100.00	89.10	ug/L	89
09/23/93	LCS	MSMSD1309230953		100.00	80.10 *	ug/L	80
09/23/93	LCSD	MSMSD1309230953		100.00	81.50 *	ug/L	82
06/14/93	LCS	MSMSD2306140820		100.00	94.10	ug/L	94
06/14/93	LCS	MSMSD2306140820		100.00	99.40	ug/L	99
06/14/93	LCSD	MSMSD2306140820		100.00	97.50	ug/L	97
06/14/93	LCSD	MSMSD2306140820		100.00	88.30	ug/L	88
06/15/93	LCS	MSMSD2306150816		100.00	89.30	ug/L	89
06/15/93	LCS	MSMSD2306150816		100.00	89.30	ug/L	89
06/15/93	LCSD	MSMSD2306150816		100.00	97.80	ug/L	98
06/15/93	LCSD	MSMSD2306150816		100.00	97.80	ug/L	98
06/16/93	LCS	MSMSD2306160814		100.00	87.60	ug/L	88
06/16/93	LCSD	MSMSD2306160814		100.00	93.90	ug/L	94
06/22/93	LCS	MSMSD2306220822		100.00	95.80	ug/L	96
06/22/93	LCSD	MSMSD2306220822		100.00	96.20	ug/L	96
06/23/93	LCS	MSMSD2306230826		100.00	89.20	ug/L	89
06/23/93	LCSD	MSMSD2306230826		100.00	91.20	ug/L	91
06/24/93	LCS	MSMSD2306240908		100.00	87.40	ug/L	87
06/24/93	LCS	MSMSD2306240908		100.00	94.00	ug/L	94
06/24/93	LCSD	MSMSD2306240908		100.00	90.60	ug/L	91
06/24/93	LCSD	MSMSD2306240908		100.00	91.70	ug/L	92

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Chloronaphthalene continued							
Type of Spike : Laboratory Control							
08/07/93	LCS	MSMSD2308070819		100.00	80.20	ug/L	80
08/07/93	LCSD	MSMSD2308070819		100.00	80.60	ug/L	81
09/24/93	LCS	MSMSD2309240819		100.00	87.80	ug/L	88
09/24/93	LCSD	MSMSD2309240819		100.00	88.60	ug/L	89
10/08/93	LCS	MSMSD2310080817		100.00	88.90	ug/L	89
10/08/93	LCSD	MSMSD2310080817		100.00	89.40	ug/L	89
10/11/93	LCS	MSMSD2310110812		100.00	93.00	ug/L	93
10/11/93	LCSD	MSMSD2310110812		100.00	88.60	ug/L	89
Number of Samples : 36			Below acceptance : 0				
Mean % Recovery : 88.6			Above acceptance : 0				
Standard Deviation : 6.25			Acceptance Criteria 60-118				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Chlorophenol							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	76.90	ug/L	77
06/23/93	LCSD	MSMSD1306231041		100.00	82.10	ug/L	82
08/17/93	LCS	MSMSD1308171507		100.00	87.60	ug/L	88
08/17/93	LCSD	MSMSD1308171507		100.00	95.40	ug/L	95
08/25/93	LCS	MSMSD1308251013		100.00	82.20	ug/L	82
08/25/93	LCSD	MSMSD1308251013		100.00	75.70	ug/L	76
09/20/93	LCS	MSMSD1309201450		100.00	85.90	ug/L	86
09/20/93	LCSD	MSMSD1309201450		100.00	94.30	ug/L	94
09/23/93	LCS	MSMSD1309230953		100.00	90.20 *	ug/L	90
09/23/93	LCSD	MSMSD1309230953		100.00	90.30 *	ug/L	90
06/14/93	LCS	MSMSD2306140820		100.00	94.30	ug/L	94
06/14/93	LCS	MSMSD2306140820		100.00	93.20	ug/L	93
06/14/93	LCSD	MSMSD2306140820		100.00	89.70	ug/L	90
06/14/93	LCSD	MSMSD2306140820		100.00	98.80	ug/L	99
06/15/93	LCS	MSMSD2306150816		100.00	87.10	ug/L	87
06/15/93	LCS	MSMSD2306150816		100.00	87.10	ug/L	87
06/15/93	LCSD	MSMSD2306150816		100.00	93.70	ug/L	94
06/15/93	LCSD	MSMSD2306150816		100.00	93.70	ug/L	94
06/16/93	LCS	MSMSD2306160814		100.00	86.80	ug/L	87
06/16/93	LCSD	MSMSD2306160814		100.00	94.80	ug/L	95
06/22/93	LCS	MSMSD2306220822		100.00	95.40	ug/L	95
06/22/93	LCSD	MSMSD2306220822		100.00	101.00	ug/L	101
06/23/93	LCS	MSMSD2306230826		100.00	86.20	ug/L	86
06/23/93	LCSD	MSMSD2306230826		100.00	93.00	ug/L	93
06/24/93	LCS	MSMSD2306240908		100.00	90.00	ug/L	90
06/24/93	LCS	MSMSD2306240908		100.00	88.70	ug/L	89
06/24/93	LCSD	MSMSD2306240908		100.00	90.90	ug/L	91

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Chlorophenol continued							
Type of Spike : Laboratory Control							
06/24/93	LCSD	MSMSD2306240908		100.00	91.00	ug/L	91
08/07/93	LCS	MSMSD2308070819		100.00	85.00	ug/L	85
08/07/93	LCSD	MSMSD2308070819		100.00	81.10	ug/L	81
09/24/93	LCS	MSMSD2309240819		100.00	94.80	ug/L	95
09/24/93	LCSD	MSMSD2309240819		100.00	97.40	ug/L	97
10/08/93	LCS	MSMSD2310080817		100.00	96.60	ug/L	97
10/08/93	LCSD	MSMSD2310080817		100.00	94.20	ug/L	94
10/11/93	LCS	MSMSD2310110812		100.00	100.00	ug/L	100
10/11/93	LCSD	MSMSD2310110812		100.00	96.10	ug/L	96
Number of Samples : 36			Below acceptance : 0				
Mean % Recovery : 90.6			Above acceptance : 0				
Standard Deviation : 6.06			Acceptance Criteria 23-134				
Type of Spike : Matrix Spike							
09/20/93	06-MW-07-01 MS	MSMSD1309201450	ND	214.00	173.00	ug/L	81
09/20/93	06-MW-07-01 MSD	MSMSD1309201450	ND	196.00	154.00	ug/L	79
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	200.00	160.00	ug/L	80
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	200.00	157.00	ug/L	78
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	202.00	155.00	ug/L	77
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	202.00	151.00	ug/L	75
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	200.00	157.00	ug/L	79
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	200.00	155.00	ug/L	78
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 78.4			Above acceptance : 0				
Standard Deviation : 1.85			Acceptance Criteria 23-134				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Methylnaphthalene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	101.00	ug/L	101
06/23/93	LCSD	MSMSD1306231041		100.00	103.00	ug/L	103
08/17/93	LCS	MSMSD1308171507		100.00	104.00	ug/L	104
08/17/93	LCSD	MSMSD1308171507		100.00	109.00	ug/L	109
08/25/93	LCS	MSMSD1308251013		100.00	110.00	ug/L	110
08/25/93	LCSD	MSMSD1308251013		100.00	93.30	ug/L	93
09/20/93	LCS	MSMSD1309201450		100.00	102.00	ug/L	102
09/20/93	LCSD	MSMSD1309201450		100.00	105.00	ug/L	105
06/14/93	LCS	MSMSD2306140820		100.00	106.00	ug/L	106
06/14/93	LCS	MSMSD2306140820		100.00	111.00	ug/L	111

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Methylnaphthalene continued							
Type of Spike : Laboratory Control							
06/14/93	LCSD	MSMSD2306140820		100.00	110.00	ug/L	110
06/14/93	LCSD	MSMSD2306140820		100.00	102.00	ug/L	102
06/15/93	LCS	MSMSD2306150816		100.00	99.60	ug/L	100
06/15/93	LCS	MSMSD2306150816		100.00	99.60	ug/L	100
06/15/93	LCSD	MSMSD2306150816		100.00	108.00	ug/L	108
06/15/93	LCSD	MSMSD2306150816		100.00	108.00	ug/L	108
06/16/93	LCS	MSMSD2306160814		100.00	103.00	ug/L	103
06/16/93	LCSD	MSMSD2306160814		100.00	111.00	ug/L	111
06/22/93	LCS	MSMSD2306220822		100.00	113.00	ug/L	113
06/22/93	LCSD	MSMSD2306220822		100.00	117.00	ug/L	117
06/23/93	LCS	MSMSD2306230826		100.00	101.00	ug/L	101
06/23/93	LCSD	MSMSD2306230826		100.00	108.00	ug/L	108
06/24/93	LCS	MSMSD2306240908		100.00	109.00	ug/L	109
06/24/93	LCS	MSMSD2306240908		100.00	101.00	ug/L	101
06/24/93	LCSD	MSMSD2306240908		100.00	107.00	ug/L	107
06/24/93	LCSD	MSMSD2306240908		100.00	105.00	ug/L	105
08/07/93	LCS	MSMSD2308070819		100.00	92.60	ug/L	93
08/07/93	LCSD	MSMSD2308070819		100.00	97.50	ug/L	98
09/24/93	LCS	MSMSD2309240819		100.00	140.00	ug/L	140
09/24/93	LCSD	MSMSD2309240819		100.00	140.00	ug/L	140
10/08/93	LCS	MSMSD2310080817		100.00	144.00	ug/L	144
10/08/93	LCSD	MSMSD2310080817		100.00	143.00	ug/L	143
10/11/93	LCS	MSMSD2310110812		100.00	148.00	ug/L	148
10/11/93	LCSD	MSMSD2310110812		100.00	141.00	ug/L	141

Number of Samples	: 34	Below acceptance :	0
Mean % Recovery	: 111.6	Above acceptance :	0
Standard Deviation	: 15.51	Acceptance Criteria	NS

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Methylphenol (o-cresol)							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	66.10	ug/L	66
06/23/93	LCSD	MSMSD1306231041		100.00	68.70	ug/L	69
08/17/93	LCS	MSMSD1308171507		100.00	81.40	ug/L	81
08/17/93	LCSD	MSMSD1308171507		100.00	87.90	ug/L	88
08/25/93	LCS	MSMSD1308251013		100.00	79.10	ug/L	79
08/25/93	LCSD	MSMSD1308251013		100.00	69.40	ug/L	69
09/20/93	LCS	MSMSD1309201450		100.00	81.50	ug/L	81
09/20/93	LCSD	MSMSD1309201450		100.00	91.10	ug/L	91
06/14/93	LCS	MSMSD2306140820		100.00	82.30	ug/L	82
06/14/93	LCS	MSMSD2306140820		100.00	85.40	ug/L	85
06/14/93	LCSD	MSMSD2306140820		100.00	80.00	ug/L	80

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Methylphenol (o-cresol) continued							
Type of Spike : Laboratory Control							
06/14/93	LCSD	MSMSD2306140820		100.00	88.40	ug/L	88
06/15/93	LCS	MSMSD2306150816		100.00	79.30	ug/L	79
06/15/93	LCS	MSMSD2306150816		100.00	79.30	ug/L	79
06/15/93	LCSD	MSMSD2306150816		100.00	86.00	ug/L	86
06/15/93	LCSD	MSMSD2306150816		100.00	86.00	ug/L	86
06/16/93	LCS	MSMSD2306160814		100.00	77.40	ug/L	77
06/16/93	LCSD	MSMSD2306160814		100.00	87.20	ug/L	87
06/22/93	LCS	MSMSD2306220822		100.00	86.60	ug/L	87
06/22/93	LCSD	MSMSD2306220822		100.00	91.60	ug/L	92
06/23/93	LCS	MSMSD2306230826		100.00	77.70	ug/L	78
06/23/93	LCSD	MSMSD2306230826		100.00	83.80	ug/L	84
06/24/93	LCS	MSMSD2306240908		100.00	81.70	ug/L	82
06/24/93	LCS	MSMSD2306240908		100.00	79.80	ug/L	80
06/24/93	LCSD	MSMSD2306240908		100.00	82.00	ug/L	82
06/24/93	LCSD	MSMSD2306240908		100.00	79.30	ug/L	79
08/07/93	LCS	MSMSD2308070819		100.00	78.20	ug/L	78
08/07/93	LCSD	MSMSD2308070819		100.00	73.90	ug/L	74
09/24/93	LCS	MSMSD2309240819		100.00	90.70	ug/L	91
09/24/93	LCSD	MSMSD2309240819		100.00	92.50	ug/L	93
10/08/93	LCS	MSMSD2310080817		100.00	88.80	ug/L	89
10/08/93	LCSD	MSMSD2310080817		100.00	89.90	ug/L	90
10/11/93	LCS	MSMSD2310110812		100.00	93.30	ug/L	93
10/11/93	LCSD	MSMSD2310110812		100.00	91.20	ug/L	91

Number of Samples	: 34	Below acceptance :	0
Mean % Recovery	: 82.8	Above acceptance :	0
Standard Deviation	: 6.97	Acceptance Criteria	NS

Method : SW8270 - Semivolatile Organics
Spiked Analyte : 2-Nitroaniline

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041		100.00	77.60	ug/L	78
06/23/93	LCSD	MSMSD1306231041		100.00	77.20	ug/L	77
08/17/93	LCS	MSMSD1308171507		100.00	93.60	ug/L	94
08/17/93	LCSD	MSMSD1308171507		100.00	98.40	ug/L	98
08/25/93	LCS	MSMSD1308251013		100.00	89.90	ug/L	90
08/25/93	LCSD	MSMSD1308251013		100.00	81.40	ug/L	81
09/20/93	LCS	MSMSD1309201450		100.00	110.00	ug/L	110
09/20/93	LCSD	MSMSD1309201450		100.00	111.00	ug/L	111
06/14/93	LCS	MSMSD2306140820		100.00	109.00	ug/L	109
06/14/93	LCS	MSMSD2306140820		100.00	118.00	ug/L	118
06/14/93	LCSD	MSMSD2306140820		100.00	115.00	ug/L	115
06/14/93	LCSD	MSMSD2306140820		100.00	102.00	ug/L	102

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Nitroaniline continued							
Type of Spike : Laboratory Control							
06/15/93	LCS	MSMSD2306150816		100.00	103.00	ug/L	103
06/15/93	LCS	MSMSD2306150816		100.00	103.00	ug/L	103
06/15/93	LCSD	MSMSD2306150816		100.00	110.00	ug/L	110
06/15/93	LCSD	MSMSD2306150816		100.00	110.00	ug/L	110
06/16/93	LCS	MSMSD2306160814		100.00	96.60	ug/L	97
06/16/93	LCSD	MSMSD2306160814		100.00	105.00	ug/L	105
06/22/93	LCS	MSMSD2306220822		100.00	112.00	ug/L	112
06/22/93	LCSD	MSMSD2306220822		100.00	116.00	ug/L	116
06/23/93	LCS	MSMSD2306230826		100.00	106.00	ug/L	106
06/23/93	LCSD	MSMSD2306230826		100.00	106.00	ug/L	106
06/24/93	LCS	MSMSD2306240908		100.00	104.00	ug/L	104
06/24/93	LCS	MSMSD2306240908		100.00	102.00	ug/L	102
06/24/93	LCSD	MSMSD2306240908		100.00	105.00	ug/L	105
06/24/93	LCSD	MSMSD2306240908		100.00	105.00	ug/L	105
08/07/93	LCS	MSMSD2308070819		100.00	85.90	ug/L	86
08/07/93	LCSD	MSMSD2308070819		100.00	85.50	ug/L	85
09/24/93	LCS	MSMSD2309240819		100.00	92.70	ug/L	93
09/24/93	LCSD	MSMSD2309240819		100.00	93.80	ug/L	94
10/08/93	LCS	MSMSD2310080817		100.00	96.40	ug/L	96
10/08/93	LCSD	MSMSD2310080817		100.00	99.60	ug/L	100
10/11/93	LCS	MSMSD2310110812		100.00	98.90	ug/L	99
10/11/93	LCSD	MSMSD2310110812		100.00	93.40	ug/L	93

Number of Samples	: 34	Below acceptance :	0
Mean % Recovery	: 100.4	Above acceptance :	0
Standard Deviation	: 10.63	Acceptance Criteria	NS

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Nitrophenol							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	84.80	ug/L	85
06/23/93	LCSD	MSMSD1306231041		100.00	87.80	ug/L	88
08/17/93	LCS	MSMSD1308171507		100.00	96.90	ug/L	97
08/17/93	LCSD	MSMSD1308171507		100.00	103.00	ug/L	103
08/25/93	LCS	MSMSD1308251013		100.00	96.80	ug/L	97
08/25/93	LCSD	MSMSD1308251013		100.00	84.90	ug/L	85
09/20/93	LCS	MSMSD1309201450		100.00	97.40	ug/L	97
09/20/93	LCSD	MSMSD1309201450		100.00	99.40	ug/L	99
09/23/93	LCS	MSMSD1309230953		100.00	99.30 *	ug/L	99
09/23/93	LCSD	MSMSD1309230953		100.00	103.00 *	ug/L	103
06/14/93	LCS	MSMSD2306140820		100.00	110.00	ug/L	110
06/14/93	LCS	MSMSD2306140820		100.00	109.00	ug/L	109
06/14/93	LCSD	MSMSD2306140820		100.00	103.00	ug/L	103

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Nitrophenol continued							
Type of Spike : Laboratory Control							
06/14/93	LCSD	MSMSD2306140820		100.00	104.00	ug/L	104
06/15/93	LCS	MSMSD2306150816		100.00	97.80	ug/L	98
06/15/93	LCS	MSMSD2306150816		100.00	97.80	ug/L	98
06/15/93	LCSD	MSMSD2306150816		100.00	108.00	ug/L	108
06/15/93	LCSD	MSMSD2306150816		100.00	108.00	ug/L	108
06/16/93	LCS	MSMSD2306160814		100.00	100.00	ug/L	100
06/16/93	LCSD	MSMSD2306160814		100.00	111.00	ug/L	111
06/22/93	LCS	MSMSD2306220822		100.00	106.00	ug/L	106
06/22/93	LCSD	MSMSD2306220822		100.00	114.00	ug/L	114
06/23/93	LCS	MSMSD2306230826		100.00	98.40	ug/L	98
06/23/93	LCSD	MSMSD2306230826		100.00	104.00	ug/L	104
06/24/93	LCS	MSMSD2306240908		100.00	97.00	ug/L	97
06/24/93	LCS	MSMSD2306240908		100.00	103.00	ug/L	103
06/24/93	LCSD	MSMSD2306240908		100.00	103.00	ug/L	103
06/24/93	LCSD	MSMSD2306240908		100.00	102.00	ug/L	102
08/07/93	LCS	MSMSD2308070819		100.00	88.40	ug/L	88
08/07/93	LCSD	MSMSD2308070819		100.00	86.40	ug/L	86
09/24/93	LCS	MSMSD2309240819		100.00	99.70	ug/L	100
09/24/93	LCSD	MSMSD2309240819		100.00	101.00	ug/L	101
10/08/93	LCS	MSMSD2310080817		100.00	104.00	ug/L	104
10/08/93	LCSD	MSMSD2310080817		100.00	101.00	ug/L	101
10/11/93	LCS	MSMSD2310110812		100.00	107.00	ug/L	107
10/11/93	LCSD	MSMSD2310110812		100.00	102.00	ug/L	102

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 100.5	Above acceptance :	0
Standard Deviation	: 7.15	Acceptance Criteria	29-182

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 3,3'-Dichlorobenzidine							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	122.00	ug/L	122
06/23/93	LCSD	MSMSD1306231041		100.00	126.00	ug/L	126
08/17/93	LCS	MSMSD1308171507		100.00	133.00	ug/L	133
08/17/93	LCSD	MSMSD1308171507		100.00	137.00	ug/L	137
08/25/93	LCS	MSMSD1308251013		100.00	127.00	ug/L	127
08/25/93	LCSD	MSMSD1308251013		100.00	121.00	ug/L	121
09/20/93	LCS	MSMSD1309201450		100.00	134.00	ug/L	134
09/20/93	LCSD	MSMSD1309201450		100.00	149.00	ug/L	149
09/23/93	LCS	MSMSD1309230953		100.00	120.00 *	ug/L	120
09/23/93	LCSD	MSMSD1309230953		100.00	138.00 *	ug/L	138
06/14/93	LCS	MSMSD2306140820		100.00	129.00	ug/L	129
06/14/93	LCS	MSMSD2306140820		100.00	146.00	ug/L	146

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 3,3'-Dichlorobenzidine continued							
Type of Spike : Laboratory Control							
06/14/93	LCSD	MSMSD2306140820		100.00	148.00	ug/L	148
06/14/93	LCSD	MSMSD2306140820		100.00	134.00	ug/L	134
06/15/93	LCS	MSMSD2306150816		100.00	128.00	ug/L	128
06/15/93	LCS	MSMSD2306150816		100.00	128.00	ug/L	128
06/15/93	LCSD	MSMSD2306150816		100.00	139.00	ug/L	139
06/15/93	LCSD	MSMSD2306150816		100.00	139.00	ug/L	139
06/16/93	LCS	MSMSD2306160814		100.00	123.00	ug/L	123
06/16/93	LCSD	MSMSD2306160814		100.00	136.00	ug/L	136
06/22/93	LCS	MSMSD2306220822		100.00	143.00	ug/L	143
06/22/93	LCSD	MSMSD2306220822		100.00	148.00	ug/L	148
06/23/93	LCS	MSMSD2306230826		100.00	136.00	ug/L	136
06/23/93	LCSD	MSMSD2306230826		100.00	140.00	ug/L	140
06/24/93	LCS	MSMSD2306240908		100.00	134.00	ug/L	134
06/24/93	LCS	MSMSD2306240908		100.00	133.00	ug/L	133
06/24/93	LCSD	MSMSD2306240908		100.00	136.00	ug/L	136
06/24/93	LCSD	MSMSD2306240908		100.00	140.00	ug/L	140
08/07/93	LCS	MSMSD2308070819		100.00	117.00	ug/L	117
08/07/93	LCSD	MSMSD2308070819		100.00	118.00	ug/L	118
09/24/93	LCS	MSMSD2309240819		100.00	138.00	ug/L	138
09/24/93	LCSD	MSMSD2309240819		100.00	139.00	ug/L	139
10/08/93	LCS	MSMSD2310080817		100.00	138.00	ug/L	138
10/08/93	LCSD	MSMSD2310080817		100.00	146.00	ug/L	146
10/11/93	LCS	MSMSD2310110812		100.00	143.00	ug/L	143
10/11/93	LCSD	MSMSD2310110812		100.00	136.00	ug/L	136

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 134.5	Above acceptance :	0
Standard Deviation	: 8.73	Acceptance Criteria	D-262

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 3-Nitroaniline							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	82.90	ug/L	83
06/23/93	LCSD	MSMSD1306231041		100.00	85.20	ug/L	85
08/17/93	LCS	MSMSD1308171507		100.00	94.00	ug/L	94
08/17/93	LCSD	MSMSD1308171507		100.00	96.80	ug/L	97
08/25/93	LCS	MSMSD1308251013		100.00	94.90	ug/L	95
08/25/93	LCSD	MSMSD1308251013		100.00	86.10	ug/L	86
09/20/93	LCS	MSMSD1309201450		100.00	102.00	ug/L	102
09/20/93	LCSD	MSMSD1309201450		100.00	102.00	ug/L	102
06/14/93	LCS	MSMSD2306140820		100.00	83.30	ug/L	83
06/14/93	LCS	MSMSD2306140820		100.00	112.00	ug/L	112
06/14/93	LCSD	MSMSD2306140820		100.00	110.00	ug/L	110

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 3-Nitroaniline continued							
Type of Spike : Laboratory Control							
06/14/93	LCSD	MSMSD2306140820		100.00	116.00	ug/L	116
06/15/93	LCS	MSMSD2306150816		100.00	94.00	ug/L	94
06/15/93	LCS	MSMSD2306150816		100.00	94.00	ug/L	94
06/15/93	LCSD	MSMSD2306150816		100.00	99.90	ug/L	100
06/15/93	LCSD	MSMSD2306150816		100.00	99.90	ug/L	100
06/16/93	LCS	MSMSD2306160814		100.00	94.90	ug/L	95
06/16/93	LCSD	MSMSD2306160814		100.00	105.00	ug/L	105
06/22/93	LCS	MSMSD2306220822		100.00	105.00	ug/L	105
06/22/93	LCSD	MSMSD2306220822		100.00	109.00	ug/L	109
06/23/93	LCS	MSMSD2306230826		100.00	104.00	ug/L	104
06/23/93	LCSD	MSMSD2306230826		100.00	105.00	ug/L	105
06/24/93	LCS	MSMSD2306240908		100.00	101.00	ug/L	101
06/24/93	LCS	MSMSD2306240908		100.00	102.00	ug/L	102
06/24/93	LCSD	MSMSD2306240908		100.00	104.00	ug/L	104
06/24/93	LCSD	MSMSD2306240908		100.00	104.00	ug/L	104
08/07/93	LCS	MSMSD2308070819		100.00	91.50	ug/L	92
08/07/93	LCSD	MSMSD2308070819		100.00	90.10	ug/L	90
09/24/93	LCS	MSMSD2309240819		100.00	99.80	ug/L	100
09/24/93	LCSD	MSMSD2309240819		100.00	99.10	ug/L	99
10/08/93	LCS	MSMSD2310080817		100.00	98.20	ug/L	98
10/08/93	LCSD	MSMSD2310080817		100.00	104.00	ug/L	104
10/11/93	LCS	MSMSD2310110812		100.00	103.00	ug/L	103
10/11/93	LCSD	MSMSD2310110812		100.00	96.10	ug/L	96

Number of Samples	: 34	Below acceptance :	0
Mean % Recovery	: 99.1	Above acceptance :	0
Standard Deviation	: 7.91	Acceptance Criteria	NS

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4,6-Dinitro-2-methylphenol							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	81.70	ug/L	82
06/23/93	LCSD	MSMSD1306231041		100.00	81.70	ug/L	82
08/17/93	LCS	MSMSD1308171507		100.00	108.00	ug/L	108
08/17/93	LCSD	MSMSD1308171507		100.00	113.00	ug/L	113
08/25/93	LCS	MSMSD1308251013		100.00	102.00	ug/L	102
08/25/93	LCSD	MSMSD1308251013		100.00	97.20	ug/L	97
09/20/93	LCS	MSMSD1309201450		100.00	108.00	ug/L	108
09/20/93	LCSD	MSMSD1309201450		100.00	116.00	ug/L	116
09/23/93	LCS	MSMSD1309230953		100.00	102.00 *	ug/L	102
09/23/93	LCSD	MSMSD1309230953		100.00	106.00 *	ug/L	106
06/14/93	LCS	MSMSD2306140820		100.00	129.00	ug/L	129
06/14/93	LCS	MSMSD2306140820		100.00	131.00	ug/L	131

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4,6-Dinitro-2-methylphenol continued							
Type of Spike : Laboratory Control							
06/14/93	LCSD	MSMSD2306140820		100.00	128.00	ug/L	128
06/14/93	LCSD	MSMSD2306140820		100.00	122.00	ug/L	122
06/15/93	LCS	MSMSD2306150816		100.00	113.00	ug/L	113
06/15/93	LCS	MSMSD2306150816		100.00	113.00	ug/L	113
06/15/93	LCSD	MSMSD2306150816		100.00	125.00	ug/L	125
06/15/93	LCSD	MSMSD2306150816		100.00	125.00	ug/L	125
06/16/93	LCS	MSMSD2306160814		100.00	116.00	ug/L	116
06/16/93	LCSD	MSMSD2306160814		100.00	126.00	ug/L	126
06/22/93	LCS	MSMSD2306220822		100.00	125.00	ug/L	125
06/22/93	LCSD	MSMSD2306220822		100.00	137.00	ug/L	137
06/23/93	LCS	MSMSD2306230826		100.00	119.00	ug/L	119
06/23/93	LCSD	MSMSD2306230826		100.00	125.00	ug/L	125
06/24/93	LCS	MSMSD2306240908		100.00	120.00	ug/L	120
06/24/93	LCS	MSMSD2306240908		100.00	118.00	ug/L	118
06/24/93	LCSD	MSMSD2306240908		100.00	123.00	ug/L	123
06/24/93	LCSD	MSMSD2306240908		100.00	124.00	ug/L	124
08/07/93	LCS	MSMSD2308070819		100.00	91.00	ug/L	91
08/07/93	LCSD	MSMSD2308070819		100.00	89.40	ug/L	89
09/24/93	LCS	MSMSD2309240819		100.00	104.00	ug/L	104
09/24/93	LCSD	MSMSD2309240819		100.00	105.00	ug/L	105
10/08/93	LCS	MSMSD2310080817		100.00	104.00	ug/L	104
10/08/93	LCSD	MSMSD2310080817		100.00	103.00	ug/L	103
10/11/93	LCS	MSMSD2310110812		100.00	105.00	ug/L	105
10/11/93	LCSD	MSMSD2310110812		100.00	104.00	ug/L	104

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 112.2	Above acceptance :	0
Standard Deviation	: 13.72	Acceptance Criteria	D-181

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Bromophenyl phenyl ether							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	86.40	ug/L	86
06/23/93	LCSD	MSMSD1306231041		100.00	87.10	ug/L	87
08/17/93	LCS	MSMSD1308171507		100.00	102.00	ug/L	102
08/17/93	LCSD	MSMSD1308171507		100.00	97.80	ug/L	98
08/25/93	LCS	MSMSD1308251013		100.00	91.30	ug/L	91
08/25/93	LCSD	MSMSD1308251013		100.00	87.00	ug/L	87
09/20/93	LCS	MSMSD1309201450		100.00	107.00	ug/L	107
09/20/93	LCSD	MSMSD1309201450		100.00	116.00	ug/L	116
09/23/93	LCS	MSMSD1309230953		100.00	96.60 *	ug/L	97
09/23/93	LCSD	MSMSD1309230953		100.00	93.00 *	ug/L	93
06/14/93	LCS	MSMSD2306140820		100.00	95.00	ug/L	95

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Bromophenyl phenyl ether continued							
Type of Spike : Laboratory Control							
06/14/93	LCS	MSMSD2306140820		100.00	104.00	ug/L	104
06/14/93	LCSD	MSMSD2306140820		100.00	100.00	ug/L	100
06/14/93	LCSD	MSMSD2306140820		100.00	90.20	ug/L	90
06/15/93	LCS	MSMSD2306150816		100.00	94.20	ug/L	94
06/15/93	LCS	MSMSD2306150816		100.00	94.20	ug/L	94
06/15/93	LCSD	MSMSD2306150816		100.00	99.80	ug/L	100
06/15/93	LCSD	MSMSD2306150816		100.00	99.80	ug/L	100
06/16/93	LCS	MSMSD2306160814		100.00	90.60	ug/L	91
06/16/93	LCSD	MSMSD2306160814		100.00	97.20	ug/L	97
06/22/93	LCS	MSMSD2306220822		100.00	102.00	ug/L	102
06/22/93	LCSD	MSMSD2306220822		100.00	105.00	ug/L	105
06/23/93	LCS	MSMSD2306230826		100.00	95.30	ug/L	95
06/23/93	LCSD	MSMSD2306230826		100.00	98.50	ug/L	99
06/24/93	LCS	MSMSD2306240908		100.00	95.70	ug/L	96
06/24/93	LCS	MSMSD2306240908		100.00	97.70	ug/L	98
06/24/93	LCSD	MSMSD2306240908		100.00	98.20	ug/L	98
06/24/93	LCSD	MSMSD2306240908		100.00	98.00	ug/L	98
08/07/93	LCS	MSMSD2308070819		100.00	85.00	ug/L	85
08/07/93	LCSD	MSMSD2308070819		100.00	83.40	ug/L	83
09/24/93	LCS	MSMSD2309240819		100.00	94.00	ug/L	94
09/24/93	LCSD	MSMSD2309240819		100.00	94.20	ug/L	94
10/08/93	LCS	MSMSD2310080817		100.00	94.20	ug/L	94
10/08/93	LCSD	MSMSD2310080817		100.00	94.60	ug/L	95
10/11/93	LCS	MSMSD2310110812		100.00	99.60	ug/L	100
10/11/93	LCSD	MSMSD2310110812		100.00	95.10	ug/L	95

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 96.1	Above acceptance :	0
Standard Deviation	: 6.55	Acceptance Criteria	53-127

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Chloro-3-methylphenol							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	90.60	ug/L	91
06/23/93	LCSD	MSMSD1306231041		100.00	90.60	ug/L	91
08/17/93	LCS	MSMSD1308171507		100.00	93.30	ug/L	93
08/17/93	LCSD	MSMSD1308171507		100.00	103.00	ug/L	103
08/25/93	LCS	MSMSD1308251013		100.00	95.20	ug/L	95
08/25/93	LCSD	MSMSD1308251013		100.00	83.50	ug/L	84
09/20/93	LCS	MSMSD1309201450		100.00	98.10	ug/L	98
09/20/93	LCSD	MSMSD1309201450		100.00	104.00	ug/L	104
09/23/93	LCS	MSMSD1309230953		100.00	102.00 *	ug/L	102
09/23/93	LCSD	MSMSD1309230953		100.00	104.00 *	ug/L	104

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Chloro-3-methylphenol continued							
Type of Spike : Laboratory Control							
06/14/93	LCS	MSMSD2306140820		100.00	102.00	ug/L	102
06/14/93	LCS	MSMSD2306140820		100.00	105.00	ug/L	105
06/14/93	LCSD	MSMSD2306140820		100.00	101.00	ug/L	101
06/14/93	LCSD	MSMSD2306140820		100.00	101.00	ug/L	101
06/15/93	LCS	MSMSD2306150816		100.00	96.60	ug/L	97
06/15/93	LCS	MSMSD2306150816		100.00	96.60	ug/L	97
06/15/93	LCSD	MSMSD2306150816		100.00	106.00	ug/L	106
06/15/93	LCSD	MSMSD2306150816		100.00	106.00	ug/L	106
06/16/93	LCS	MSMSD2306160814		100.00	95.10	ug/L	95
06/16/93	LCSD	MSMSD2306160814		100.00	106.00	ug/L	106
06/22/93	LCS	MSMSD2306220822		100.00	99.70	ug/L	100
06/22/93	LCSD	MSMSD2306220822		100.00	108.00	ug/L	108
06/23/93	LCS	MSMSD2306230826		100.00	93.30	ug/L	93
06/23/93	LCSD	MSMSD2306230826		100.00	101.00	ug/L	101
06/24/93	LCS	MSMSD2306240908		100.00	96.90	ug/L	97
06/24/93	LCS	MSMSD2306240908		100.00	92.40	ug/L	92
06/24/93	LCSD	MSMSD2306240908		100.00	97.50	ug/L	97
06/24/93	LCSD	MSMSD2306240908		100.00	98.10	ug/L	98
08/07/93	LCS	MSMSD2308070819		100.00	87.80	ug/L	88
08/07/93	LCSD	MSMSD2308070819		100.00	86.40	ug/L	86
09/24/93	LCS	MSMSD2309240819		100.00	95.40	ug/L	95
09/24/93	LCSD	MSMSD2309240819		100.00	95.20	ug/L	95
10/08/93	LCS	MSMSD2310080817		100.00	102.00	ug/L	102
10/08/93	LCSD	MSMSD2310080817		100.00	98.70	ug/L	99
10/11/93	LCS	MSMSD2310110812		100.00	103.00	ug/L	103
10/11/93	LCSD	MSMSD2310110812		100.00	98.20	ug/L	98
Number of Samples : 36			Below acceptance : 0				
Mean % Recovery : 98.1			Above acceptance : 0				
Standard Deviation : 5.87			Acceptance Criteria 22-147				
Type of Spike : Matrix Spike							
09/20/93	06-MW-07-01 MS	MSMSD1309201450	ND	214.00	176.00	ug/L	82
09/20/93	06-MW-07-01 MSD	MSMSD1309201450	ND	196.00	165.00	ug/L	84
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	200.00	173.00	ug/L	87
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	200.00	174.00	ug/L	87
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	202.00	175.00	ug/L	86
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	202.00	166.00	ug/L	82
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	200.00	163.00	ug/L	82
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	200.00	159.00	ug/L	80

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : 4-Chloro-3-methylphenol continued

Type of Spike : Matrix Spike

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 83.8	Above acceptance :	0
Standard Deviation	: 2.66	Acceptance Criteria	22-147

Method : SW8270 - Semivolatile Organics
Spiked Analyte : 4-Chloroaniline

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	LCS	MSMSD1306231041		100.00	84.00	ug/L	84
06/23/93	LCSD	MSMSD1306231041		100.00	84.00	ug/L	84
08/17/93	LCS	MSMSD1308171507		100.00	85.00	ug/L	85
08/17/93	LCSD	MSMSD1308171507		100.00	93.10	ug/L	93
08/25/93	LCS	MSMSD1308251013		100.00	83.00	ug/L	83
08/25/93	LCSD	MSMSD1308251013		100.00	73.00	ug/L	73
09/20/93	LCS	MSMSD1309201450		100.00	88.30	ug/L	88
09/20/93	LCSD	MSMSD1309201450		100.00	93.80	ug/L	94
06/14/93	LCS	MSMSD2306140820		100.00	103.00	ug/L	103
06/14/93	LCSD	MSMSD2306140820		100.00	99.60	ug/L	100
06/15/93	LCS	MSMSD2306150816		100.00	86.80	ug/L	87
06/15/93	LCS	MSMSD2306150816		100.00	86.80	ug/L	87
06/15/93	LCSD	MSMSD2306150816		100.00	93.10	ug/L	93
06/15/93	LCSD	MSMSD2306150816		100.00	93.10	ug/L	93
06/16/93	LCS	MSMSD2306160814		100.00	86.20	ug/L	86
06/16/93	LCSD	MSMSD2306160814		100.00	94.60	ug/L	95
06/22/93	LCS	MSMSD2306220822		100.00	101.00	ug/L	101
06/22/93	LCSD	MSMSD2306220822		100.00	104.00	ug/L	104
06/23/93	LCS	MSMSD2306230826		100.00	95.30	ug/L	95
06/23/93	LCSD	MSMSD2306230826		100.00	99.00	ug/L	99
06/24/93	LCS	MSMSD2306240908		100.00	94.80	ug/L	95
06/24/93	LCS	MSMSD2306240908		100.00	96.10	ug/L	96
06/24/93	LCSD	MSMSD2306240908		100.00	98.00	ug/L	98
06/24/93	LCSD	MSMSD2306240908		100.00	98.70	ug/L	99
08/07/93	LCS	MSMSD2308070819		100.00	90.70	ug/L	91
08/07/93	LCSD	MSMSD2308070819		100.00	92.50	ug/L	92
09/24/93	LCS	MSMSD2309240819		100.00	104.00	ug/L	104
09/24/93	LCSD	MSMSD2309240819		100.00	104.00	ug/L	104
10/08/93	LCS	MSMSD2310080817		100.00	107.00	ug/L	107
10/08/93	LCSD	MSMSD2310080817		100.00	108.00	ug/L	108
10/11/93	LCS	MSMSD2310110812		100.00	107.00	ug/L	107
10/11/93	LCSD	MSMSD2310110812		100.00	104.00	ug/L	104

Number of Samples	: 32	Below acceptance :	0
Mean % Recovery	: 94.8	Above acceptance :	0
Standard Deviation	: 8.45	Acceptance Criteria	NS

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : 4-Chlorophenyl phenyl ether

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	LCS	MSMSD1306231041		100.00	99.80	ug/L	100
06/23/93	LCSD	MSMSD1306231041		100.00	99.10	ug/L	99
08/17/93	LCS	MSMSD1308171507		100.00	108.00	ug/L	108
08/17/93	LCSD	MSMSD1308171507		100.00	111.00	ug/L	111
08/25/93	LCS	MSMSD1308251013		100.00	111.00	ug/L	111
08/25/93	LCSD	MSMSD1308251013		100.00	102.00	ug/L	102
09/20/93	LCS	MSMSD1309201450		100.00	118.00	ug/L	118
09/20/93	LCSD	MSMSD1309201450		100.00	117.00	ug/L	117
09/23/93	LCS	MSMSD1309230953		100.00	102.00 *	ug/L	102
09/23/93	LCSD	MSMSD1309230953		100.00	108.00 *	ug/L	108
06/14/93	LCS	MSMSD2306140820		100.00	107.00	ug/L	107
06/14/93	LCS	MSMSD2306140820		100.00	111.00	ug/L	111
06/14/93	LCSD	MSMSD2306140820		100.00	110.00	ug/L	110
06/14/93	LCSD	MSMSD2306140820		100.00	99.20	ug/L	99
06/15/93	LCS	MSMSD2306150816		100.00	102.00	ug/L	102
06/15/93	LCS	MSMSD2306150816		100.00	102.00	ug/L	102
06/15/93	LCSD	MSMSD2306150816		100.00	106.00	ug/L	106
06/15/93	LCSD	MSMSD2306150816		100.00	106.00	ug/L	106
06/16/93	LCS	MSMSD2306160814		100.00	101.00	ug/L	101
06/16/93	LCSD	MSMSD2306160814		100.00	108.00	ug/L	108
06/22/93	LCS	MSMSD2306220822		100.00	108.00	ug/L	108
06/22/93	LCSD	MSMSD2306220822		100.00	110.00	ug/L	110
06/23/93	LCS	MSMSD2306230826		100.00	102.00	ug/L	102
06/23/93	LCSD	MSMSD2306230826		100.00	105.00	ug/L	105
06/24/93	LCS	MSMSD2306240908		100.00	104.00	ug/L	104
06/24/93	LCS	MSMSD2306240908		100.00	101.00	ug/L	101
06/24/93	LCSD	MSMSD2306240908		100.00	104.00	ug/L	104
06/24/93	LCSD	MSMSD2306240908		100.00	103.00	ug/L	103
08/07/93	LCS	MSMSD2308070819		100.00	93.20	ug/L	93
08/07/93	LCSD	MSMSD2308070819		100.00	91.00	ug/L	91
09/24/93	LCS	MSMSD2309240819		100.00	104.00	ug/L	104
09/24/93	LCSD	MSMSD2309240819		100.00	104.00	ug/L	104
10/08/93	LCS	MSMSD2310080817		100.00	104.00	ug/L	104
10/08/93	LCSD	MSMSD2310080817		100.00	107.00	ug/L	107
10/11/93	LCS	MSMSD2310110812		100.00	111.00	ug/L	111
10/11/93	LCSD	MSMSD2310110812		100.00	102.00	ug/L	102

Number of Samples : 36
Mean % Recovery : 105.0
Standard Deviation : 5.57
Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 25-158

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Methylphenol(p-cresol)							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	61.10	ug/L	61
06/23/93	LCSD	MSMSD1306231041		100.00	61.00	ug/L	61
08/17/93	LCS	MSMSD1308171507		100.00	71.10	ug/L	71
08/17/93	LCSD	MSMSD1308171507		100.00	72.70	ug/L	73
08/25/93	LCS	MSMSD1308251013		100.00	70.10	ug/L	70
08/25/93	LCSD	MSMSD1308251013		100.00	61.10	ug/L	61
09/20/93	LCS	MSMSD1309201450		100.00	71.10	ug/L	71
09/20/93	LCSD	MSMSD1309201450		100.00	78.00	ug/L	78
06/14/93	LCS	MSMSD2306140820		100.00	68.20	ug/L	68
06/14/93	LCS	MSMSD2306140820		100.00	71.20	ug/L	71
06/14/93	LCSD	MSMSD2306140820		100.00	66.80	ug/L	67
06/14/93	LCSD	MSMSD2306140820		100.00	73.60	ug/L	74
06/15/93	LCS	MSMSD2306150816		100.00	67.00	ug/L	67
06/15/93	LCS	MSMSD2306150816		100.00	67.00	ug/L	67
06/15/93	LCSD	MSMSD2306150816		100.00	74.60	ug/L	75
06/15/93	LCSD	MSMSD2306150816		100.00	74.60	ug/L	75
06/16/93	LCS	MSMSD2306160814		100.00	64.50	ug/L	64
06/16/93	LCSD	MSMSD2306160814		100.00	73.60	ug/L	74
06/22/93	LCS	MSMSD2306220822		100.00	72.00	ug/L	72
06/22/93	LCSD	MSMSD2306220822		100.00	75.80	ug/L	76
06/23/93	LCS	MSMSD2306230826		100.00	63.10	ug/L	63
06/23/93	LCSD	MSMSD2306230826		100.00	68.60	ug/L	69
06/24/93	LCS	MSMSD2306240908		100.00	64.80	ug/L	65
06/24/93	LCS	MSMSD2306240908		100.00	68.20	ug/L	68
06/24/93	LCSD	MSMSD2306240908		100.00	67.80	ug/L	68
06/24/93	LCSD	MSMSD2306240908		100.00	65.70	ug/L	66
08/07/93	LCS	MSMSD2308070819		100.00	65.70	ug/L	66
08/07/93	LCSD	MSMSD2308070819		100.00	61.70	ug/L	62
09/24/93	LCS	MSMSD2309240819		100.00	77.20	ug/L	77
09/24/93	LCSD	MSMSD2309240819		100.00	76.90	ug/L	77
10/08/93	LCS	MSMSD2310080817		100.00	72.70	ug/L	73
10/08/93	LCSD	MSMSD2310080817		100.00	74.30	ug/L	74
10/11/93	LCS	MSMSD2310110812		100.00	77.60	ug/L	78
10/11/93	LCSD	MSMSD2310110812		100.00	77.70	ug/L	78

Number of Samples	: 34	Below acceptance :	0
Mean % Recovery	: 70.0	Above acceptance :	0
Standard Deviation	: 5.33	Acceptance Criteria	NS

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Nitroaniline							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	86.60	ug/L	87
06/23/93	LCSD	MSMSD1306231041		100.00	84.00	ug/L	84
08/17/93	LCS	MSMSD1308171507		100.00	95.30	ug/L	95
08/17/93	LCSD	MSMSD1308171507		100.00	101.00	ug/L	101
08/25/93	LCS	MSMSD1308251013		100.00	100.00	ug/L	100
08/25/93	LCSD	MSMSD1308251013		100.00	90.00	ug/L	90
09/20/93	LCS	MSMSD1309201450		100.00	106.00	ug/L	106
09/20/93	LCSD	MSMSD1309201450		100.00	104.00	ug/L	104
06/14/93	LCS	MSMSD2306140820		100.00	102.00	ug/L	102
06/14/93	LCS	MSMSD2306140820		100.00	113.00	ug/L	113
06/14/93	LCSD	MSMSD2306140820		100.00	112.00	ug/L	112
06/14/93	LCSD	MSMSD2306140820		100.00	106.00	ug/L	106
06/15/93	LCS	MSMSD2306150816		100.00	94.50	ug/L	95
06/15/93	LCS	MSMSD2306150816		100.00	94.50	ug/L	95
06/15/93	LCSD	MSMSD2306150816		100.00	101.00	ug/L	101
06/15/93	LCSD	MSMSD2306150816		100.00	101.00	ug/L	101
06/16/93	LCS	MSMSD2306160814		100.00	97.40	ug/L	97
06/16/93	LCSD	MSMSD2306160814		100.00	104.00	ug/L	104
06/22/93	LCS	MSMSD2306220822		100.00	109.00	ug/L	109
06/22/93	LCSD	MSMSD2306220822		100.00	113.00	ug/L	113
06/23/93	LCS	MSMSD2306230826		100.00	105.00	ug/L	105
06/23/93	LCSD	MSMSD2306230826		100.00	107.00	ug/L	107
06/24/93	LCS	MSMSD2306240908		100.00	102.00	ug/L	102
06/24/93	LCS	MSMSD2306240908		100.00	102.00	ug/L	102
06/24/93	LCSD	MSMSD2306240908		100.00	103.00	ug/L	103
06/24/93	LCSD	MSMSD2306240908		100.00	105.00	ug/L	105
08/07/93	LCS	MSMSD2308070819		100.00	90.30	ug/L	90
08/07/93	LCSD	MSMSD2308070819		100.00	90.80	ug/L	91
09/24/93	LCS	MSMSD2309240819		100.00	98.40	ug/L	98
09/24/93	LCSD	MSMSD2309240819		100.00	98.60	ug/L	99
10/08/93	LCS	MSMSD2310080817		100.00	98.70	ug/L	99
10/08/93	LCSD	MSMSD2310080817		100.00	104.00	ug/L	104
10/11/93	LCS	MSMSD2310110812		100.00	103.00	ug/L	103
10/11/93	LCSD	MSMSD2310110812		100.00	93.00	ug/L	93

Number of Samples	: 34	Below acceptance :	0
Mean % Recovery	: 100.5	Above acceptance :	0
Standard Deviation	: 7.08	Acceptance Criteria :	NS

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Nitrophenol							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	47.20	ug/L	47
06/23/93	LCSD	MSMSD1306231041		100.00	43.30	ug/L	43
08/17/93	LCS	MSMSD1308171507		100.00	44.90	ug/L	45
08/17/93	LCSD	MSMSD1308171507		100.00	46.70	ug/L	47
08/25/93	LCS	MSMSD1308251013		100.00	51.30	ug/L	51
08/25/93	LCSD	MSMSD1308251013		100.00	43.20	ug/L	43
09/20/93	LCS	MSMSD1309201450		100.00	41.20	ug/L	41
09/20/93	LCSD	MSMSD1309201450		100.00	40.10	ug/L	40
09/23/93	LCS	MSMSD1309230953		100.00	31.90 *	ug/L	32
09/23/93	LCSD	MSMSD1309230953		100.00	33.60 *	ug/L	34
06/14/93	LCS	MSMSD2306140820		100.00	61.10	ug/L	61
06/14/93	LCS	MSMSD2306140820		100.00	62.70	ug/L	63
06/14/93	LCSD	MSMSD2306140820		100.00	61.60	ug/L	62
06/14/93	LCSD	MSMSD2306140820		100.00	60.80	ug/L	61
06/15/93	LCS	MSMSD2306150816		100.00	57.90	ug/L	58
06/15/93	LCS	MSMSD2306150816		100.00	57.90	ug/L	58
06/15/93	LCSD	MSMSD2306150816		100.00	74.10	ug/L	74
06/15/93	LCSD	MSMSD2306150816		100.00	74.10	ug/L	74
06/16/93	LCS	MSMSD2306160814		100.00	63.70	ug/L	64
06/16/93	LCSD	MSMSD2306160814		100.00	74.20	ug/L	74
06/22/93	LCS	MSMSD2306220822		100.00	54.00	ug/L	54
06/22/93	LCSD	MSMSD2306220822		100.00	54.50	ug/L	55
06/23/93	LCS	MSMSD2306230826		100.00	53.50	ug/L	54
06/23/93	LCSD	MSMSD2306230826		100.00	55.50	ug/L	56
06/24/93	LCS	MSMSD2306240908		100.00	57.00	ug/L	57
06/24/93	LCS	MSMSD2306240908		100.00	48.90	ug/L	49
06/24/93	LCSD	MSMSD2306240908		100.00	54.30	ug/L	54
06/24/93	LCSD	MSMSD2306240908		100.00	50.70	ug/L	51
08/07/93	LCS	MSMSD2308070819		100.00	43.30	ug/L	43
08/07/93	LCSD	MSMSD2308070819		100.00	35.60	ug/L	36
09/24/93	LCS	MSMSD2309240819		100.00	38.70	ug/L	39
09/24/93	LCSD	MSMSD2309240819		100.00	38.50	ug/L	39
10/08/93	LCS	MSMSD2310080817		100.00	31.10	ug/L	31
10/08/93	LCSD	MSMSD2310080817		100.00	30.30	ug/L	30
10/11/93	LCS	MSMSD2310110812		100.00	34.20	ug/L	34
10/11/93	LCSD	MSMSD2310110812		100.00	33.90	ug/L	34

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 49.7	Above acceptance :	0
Standard Deviation	: 12.45	Acceptance Criteria	D-132

Type of Spike : Matrix Spike

09/20/93	06-MW-07-01 MS	MSMSD1309201450	ND	214.00	70.70	ug/L	33
09/20/93	06-MW-07-01 MSD	MSMSD1309201450	ND	196.00	57.50	ug/L	29

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Nitrophenol continued							
Type of Spike : Matrix Spike							
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	200.00	101.00	ug/L	50
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	200.00	104.00	ug/L	52
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	202.00	119.00	ug/L	59
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	202.00	119.00	ug/L	59
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	200.00	59.40	ug/L	30
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	200.00	58.60	ug/L	29

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 42.6	Above acceptance :	0
Standard Deviation	: 13.64	Acceptance Criteria	D-132

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Acenaphthene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	83.20	ug/L	83
06/23/93	LCSD	MSMSD1306231041		100.00	84.00	ug/L	84
08/17/93	LCS	MSMSD1308171507		100.00	86.80	ug/L	87
08/17/93	LCSD	MSMSD1308171507		100.00	93.60	ug/L	94
08/25/93	LCS	MSMSD1308251013		100.00	88.10	ug/L	88
08/25/93	LCSD	MSMSD1308251013		100.00	81.40	ug/L	81
09/20/93	LCS	MSMSD1309201450		100.00	90.20	ug/L	90
09/20/93	LCSD	MSMSD1309201450		100.00	92.20	ug/L	92
09/23/93	LCS	MSMSD1309230953		100.00	79.20 *	ug/L	79
09/23/93	LCSD	MSMSD1309230953		100.00	85.30 *	ug/L	85
06/14/93	LCS	MSMSD2306140820		100.00	90.30	ug/L	90
06/14/93	LCS	MSMSD2306140820		100.00	96.50	ug/L	97
06/14/93	LCSD	MSMSD2306140820		100.00	94.30	ug/L	94
06/14/93	LCSD	MSMSD2306140820		100.00	85.90	ug/L	86
06/15/93	LCS	MSMSD2306150816		100.00	85.20	ug/L	85
06/15/93	LCS	MSMSD2306150816		100.00	85.20	ug/L	85
06/15/93	LCSD	MSMSD2306150816		100.00	90.30	ug/L	90
06/15/93	LCSD	MSMSD2306150816		100.00	90.30	ug/L	90
06/16/93	LCS	MSMSD2306160814		100.00	86.10	ug/L	86
06/16/93	LCSD	MSMSD2306160814		100.00	92.00	ug/L	92
06/22/93	LCS	MSMSD2306220822		100.00	94.10	ug/L	94
06/22/93	LCSD	MSMSD2306220822		100.00	97.10	ug/L	97
06/23/93	LCS	MSMSD2306230826		100.00	87.00	ug/L	87
06/23/93	LCSD	MSMSD2306230826		100.00	89.90	ug/L	90
06/24/93	LCS	MSMSD2306240908		100.00	91.30	ug/L	91
06/24/93	LCS	MSMSD2306240908		100.00	85.80	ug/L	86
06/24/93	LCSD	MSMSD2306240908		100.00	89.60	ug/L	90
06/24/93	LCSD	MSMSD2306240908		100.00	89.60	ug/L	90
08/07/93	LCS	MSMSD2308070819		100.00	81.40	ug/L	81

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Acenaphthene continued							
Type of Spike : Laboratory Control							
08/07/93	LCSD	MSMSD2308070819		100.00	81.90	ug/L	82
09/24/93	LCS	MSMSD2309240819		100.00	89.10	ug/L	89
09/24/93	LCSD	MSMSD2309240819		100.00	90.00	ug/L	90
10/08/93	LCS	MSMSD2310080817		100.00	88.90	ug/L	89
10/08/93	LCSD	MSMSD2310080817		100.00	92.60	ug/L	93
10/11/93	LCS	MSMSD2310110812		100.00	94.40	ug/L	94
10/11/93	LCSD	MSMSD2310110812		100.00	89.60	ug/L	90
Number of Samples : 36			Below acceptance : 0				
Mean % Recovery : 88.6			Above acceptance : 0				
Standard Deviation : 4.45			Acceptance Criteria 47-145				
Type of Spike : Matrix Spike							
09/20/93	06-MW-07-01 MS	MSMSD1309201450	ND	107.00	82.70	ug/L	77
09/20/93	06-MW-07-01 MSD	MSMSD1309201450	ND	98.00	74.70	ug/L	76
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	82.20	ug/L	82
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	82.50	ug/L	83
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	79.70	ug/L	79
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	81.70	ug/L	81
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	86.20	ug/L	86
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	82.20	ug/L	82
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 80.8			Above acceptance : 0				
Standard Deviation : 3.28			Acceptance Criteria 47-145				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Acenaphthylene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	91.30	ug/L	91
06/23/93	LCSD	MSMSD1306231041		100.00	90.40	ug/L	90
08/17/93	LCS	MSMSD1308171507		100.00	93.90	ug/L	94
08/17/93	LCSD	MSMSD1308171507		100.00	98.50	ug/L	98
08/25/93	LCS	MSMSD1308251013		100.00	91.80	ug/L	92
08/25/93	LCSD	MSMSD1308251013		100.00	84.10	ug/L	84
09/20/93	LCS	MSMSD1309201450		100.00	98.70	ug/L	99
09/20/93	LCSD	MSMSD1309201450		100.00	100.00	ug/L	100
09/23/93	LCS	MSMSD1309230953		100.00	85.80 *	ug/L	86
09/23/93	LCSD	MSMSD1309230953		100.00	88.80 *	ug/L	89
06/14/93	LCS	MSMSD2306140820		100.00	100.00	ug/L	100
06/14/93	LCS	MSMSD2306140820		100.00	106.00	ug/L	106

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Acenaphthylene continued							
Type of Spike : Laboratory Control							
06/14/93	LCSD	MSMSD2306140820		100.00	103.00	ug/L	103
06/14/93	LCSD	MSMSD2306140820		100.00	94.40	ug/L	94
06/15/93	LCS	MSMSD2306150816		100.00	92.90	ug/L	93
06/15/93	LCS	MSMSD2306150816		100.00	92.90	ug/L	93
06/15/93	LCSD	MSMSD2306150816		100.00	99.30	ug/L	99
06/15/93	LCSD	MSMSD2306150816		100.00	99.30	ug/L	99
06/16/93	LCS	MSMSD2306160814		100.00	92.20	ug/L	92
06/16/93	LCSD	MSMSD2306160814		100.00	99.40	ug/L	99
06/22/93	LCS	MSMSD2306220822		100.00	105.00	ug/L	105
06/22/93	LCSD	MSMSD2306220822		100.00	106.00	ug/L	106
06/23/93	LCS	MSMSD2306230826		100.00	95.80	ug/L	96
06/23/93	LCSD	MSMSD2306230826		100.00	99.70	ug/L	100
06/24/93	LCS	MSMSD2306240908		100.00	93.00	ug/L	93
06/24/93	LCS	MSMSD2306240908		100.00	99.30	ug/L	99
06/24/93	LCSD	MSMSD2306240908		100.00	97.20	ug/L	97
06/24/93	LCSD	MSMSD2306240908		100.00	98.00	ug/L	98
08/07/93	LCS	MSMSD2308070819		100.00	88.70	ug/L	89
08/07/93	LCSD	MSMSD2308070819		100.00	89.40	ug/L	89
09/24/93	LCS	MSMSD2309240819		100.00	100.00	ug/L	100
09/24/93	LCSD	MSMSD2309240819		100.00	100.00	ug/L	100
10/08/93	LCS	MSMSD2310080817		100.00	100.00	ug/L	100
10/08/93	LCSD	MSMSD2310080817		100.00	103.00	ug/L	103
10/11/93	LCS	MSMSD2310110812		100.00	106.00	ug/L	106
10/11/93	LCSD	MSMSD2310110812		100.00	101.00	ug/L	101

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 96.8	Above acceptance :	0
Standard Deviation	: 5.74	Acceptance Criteria	33-145

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Anthracene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	86.00	ug/L	86
06/23/93	LCSD	MSMSD1306231041		100.00	85.40	ug/L	85
08/17/93	LCS	MSMSD1308171507		100.00	94.00	ug/L	94
08/17/93	LCSD	MSMSD1308171507		100.00	98.00	ug/L	98
08/25/93	LCS	MSMSD1308251013		100.00	92.70	ug/L	93
08/25/93	LCSD	MSMSD1308251013		100.00	90.80	ug/L	91
09/20/93	LCS	MSMSD1309201450		100.00	101.00	ug/L	101
09/20/93	LCSD	MSMSD1309201450		100.00	106.00	ug/L	106
09/23/93	LCS	MSMSD1309230953		100.00	92.40 *	ug/L	92
09/23/93	LCSD	MSMSD1309230953		100.00	93.80 *	ug/L	94
06/14/93	LCS	MSMSD2306140820		100.00	101.00	ug/L	101

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Anthracene continued							
Type of Spike : Laboratory Control							
06/14/93	LCS	MSMSD2306140820		100.00	108.00	ug/L	108
06/14/93	LCSD	MSMSD2306140820		100.00	107.00	ug/L	107
06/14/93	LCSD	MSMSD2306140820		100.00	97.10	ug/L	97
06/15/93	LCS	MSMSD2306150816		100.00	95.60	ug/L	96
06/15/93	LCS	MSMSD2306150816		100.00	95.60	ug/L	96
06/15/93	LCSD	MSMSD2306150816		100.00	102.00	ug/L	102
06/15/93	LCSD	MSMSD2306150816		100.00	102.00	ug/L	102
06/16/93	LCS	MSMSD2306160814		100.00	96.20	ug/L	96
06/16/93	LCSD	MSMSD2306160814		100.00	102.00	ug/L	102
06/22/93	LCS	MSMSD2306220822		100.00	107.00	ug/L	107
06/22/93	LCSD	MSMSD2306220822		100.00	111.00	ug/L	111
06/23/93	LCS	MSMSD2306230826		100.00	100.00	ug/L	100
06/23/93	LCSD	MSMSD2306230826		100.00	103.00	ug/L	103
06/24/93	LCS	MSMSD2306240908		100.00	98.90	ug/L	99
06/24/93	LCS	MSMSD2306240908		100.00	101.00	ug/L	101
06/24/93	LCSD	MSMSD2306240908		100.00	101.00	ug/L	101
06/24/93	LCSD	MSMSD2306240908		100.00	102.00	ug/L	102
08/07/93	LCS	MSMSD2308070819		100.00	91.50	ug/L	92
08/07/93	LCSD	MSMSD2308070819		100.00	89.00	ug/L	89
09/24/93	LCS	MSMSD2309240819		100.00	105.00	ug/L	105
09/24/93	LCSD	MSMSD2309240819		100.00	104.00	ug/L	104
10/08/93	LCS	MSMSD2310080817		100.00	105.00	ug/L	105
10/08/93	LCSD	MSMSD2310080817		100.00	105.00	ug/L	105
10/11/93	LCS	MSMSD2310110812		100.00	109.00	ug/L	109
10/11/93	LCSD	MSMSD2310110812		100.00	104.00	ug/L	104

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 99.6	Above acceptance :	0
Standard Deviation	: 6.47	Acceptance Criteria	27-133

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(a)anthracene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	90.90	ug/L	91
06/23/93	LCSD	MSMSD1306231041		100.00	92.20	ug/L	92
08/17/93	LCS	MSMSD1308171507		100.00	92.00	ug/L	92
08/17/93	LCSD	MSMSD1308171507		100.00	97.20	ug/L	97
08/25/93	LCS	MSMSD1308251013		100.00	90.00	ug/L	90
08/25/93	LCSD	MSMSD1308251013		100.00	80.60	ug/L	81
09/20/93	LCS	MSMSD1309201450		100.00	101.00	ug/L	101
09/20/93	LCSD	MSMSD1309201450		100.00	106.00	ug/L	106
09/23/93	LCS	MSMSD1309230953		100.00	91.40 *	ug/L	91
09/23/93	LCSD	MSMSD1309230953		100.00	101.00 *	ug/L	101

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(a)Anthracene continued							
Type of Spike : Laboratory Control							
08/14/93	LCS	MSMSD2306140820		100.00	96.50	ug/L	96
08/14/93	LCS	MSMSD2306140820		100.00	103.00	ug/L	103
08/14/93	LCSD	MSMSD2306140820		100.00	102.00	ug/L	102
08/14/93	LCSD	MSMSD2306140820		100.00	91.70	ug/L	92
08/15/93	LCS	MSMSD2306150816		100.00	88.00	ug/L	88
08/15/93	LCS	MSMSD2306150816		100.00	88.00	ug/L	88
08/15/93	LCSD	MSMSD2306150816		100.00	94.80	ug/L	95
08/15/93	LCSD	MSMSD2306150816		100.00	94.90	ug/L	95
08/16/93	LCS	MSMSD2306160814		100.00	89.60	ug/L	90
08/16/93	LCSD	MSMSD2306160814		100.00	97.00	ug/L	97
08/22/93	LCS	MSMSD2306220822		100.00	102.00	ug/L	102
08/22/93	LCSD	MSMSD2306220822		100.00	106.00	ug/L	106
08/23/93	LCS	MSMSD2308230826		100.00	94.20	ug/L	94
08/23/93	LCSD	MSMSD2308230826		100.00	97.10	ug/L	97
08/24/93	LCS	MSMSD2308240808		100.00	96.90	ug/L	96
08/24/93	LCS	MSMSD2308240808		100.00	93.40	ug/L	93
08/24/93	LCSD	MSMSD2308240808		100.00	97.60	ug/L	98
08/24/93	LCSD	MSMSD2308240808		100.00	97.20	ug/L	97
08/07/93	LCS	MSMSD2308070810		100.00	88.00	ug/L	88
08/07/93	LCSD	MSMSD2308070810		100.00	86.40	ug/L	86
09/24/93	LCS	MSMSD2309240810		100.00	99.50	ug/L	99
09/24/93	LCSD	MSMSD2309240810		100.00	101.00	ug/L	101
10/08/93	LCS	MSMSD2310080817		100.00	98.90	ug/L	100
10/08/93	LCSD	MSMSD2310080817		100.00	101.00	ug/L	101
10/11/93	LCS	MSMSD2310110812		100.00	104.00	ug/L	104
10/11/93	LCSD	MSMSD2310110812		100.00	100.00	ug/L	100

Number of Samples	: 30	Below acceptance :	0
Mean % Recovery	: 95.8	Above acceptance :	0
Standard Deviation	: 5.94	Acceptance Criteria	33-143

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(a)pyrene							
Type of Spike : Laboratory Control							
08/23/93	LCS	MSMSD1306231041		100.00	84.60	ug/L	85
08/23/93	LCSD	MSMSD1306231041		100.00	87.80	ug/L	88
08/17/93	LCS	MSMSD1308171507		100.00	84.60	ug/L	85
08/17/93	LCSD	MSMSD1308171507		100.00	90.00	ug/L	90
08/25/93	LCS	MSMSD1308251013		100.00	82.60	ug/L	83
08/25/93	LCSD	MSMSD1308251013		100.00	75.50	ug/L	75
09/20/93	LCS	MSMSD1309201450		100.00	89.40	ug/L	89
09/20/93	LCSD	MSMSD1309201450		100.00	94.00	ug/L	94
09/23/93	LCS	MSMSD1309230958		100.00	84.10 *	ug/L	84

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(a)pyrene continued							
Type of Spike : Laboratory Control							
09/23/93	LCSD	MSMSD1309230953		100.00	85.10 *	ug/L	85
06/14/93	LCS	MSMSD2306140820		100.00	88.60	ug/L	89
06/14/93	LCS	MSMSD2306140820		100.00	93.50	ug/L	94
06/14/93	LCSD	MSMSD2306140820		100.00	92.60	ug/L	93
06/14/93	LCSD	MSMSD2306140820		100.00	84.10	ug/L	84
06/15/93	LCS	MSMSD2306150816		100.00	83.40	ug/L	83
06/15/93	LCS	MSMSD2306150816		100.00	83.40	ug/L	83
06/15/93	LCSD	MSMSD2306150816		100.00	88.60	ug/L	89
06/15/93	LCSD	MSMSD2306150816		100.00	88.60	ug/L	89
06/16/93	LCS	MSMSD2306160814		100.00	81.90	ug/L	82
06/16/93	LCSD	MSMSD2306160814		100.00	89.20	ug/L	89
06/22/93	LCS	MSMSD2306220822		100.00	91.90	ug/L	92
06/22/93	LCSD	MSMSD2306220822		100.00	96.10	ug/L	96
06/23/93	LCS	MSMSD2306230826		100.00	87.70	ug/L	88
06/23/93	LCSD	MSMSD2306230826		100.00	89.30	ug/L	89
06/24/93	LCS	MSMSD2306240908		100.00	88.90	ug/L	89
06/24/93	LCS	MSMSD2306240908		100.00	89.90	ug/L	90
06/24/93	LCSD	MSMSD2306240908		100.00	89.40	ug/L	89
06/24/93	LCSD	MSMSD2306240908		100.00	90.10	ug/L	90
08/07/93	LCS	MSMSD2308070819		100.00	81.50	ug/L	81
08/07/93	LCSD	MSMSD2308070819		100.00	79.70	ug/L	80
09/24/93	LCS	MSMSD2309240819		100.00	91.00	ug/L	91
09/24/93	LCSD	MSMSD2309240819		100.00	90.60	ug/L	91
10/08/93	LCS	MSMSD2310080817		100.00	93.50	ug/L	93
10/08/93	LCSD	MSMSD2310080817		100.00	93.50	ug/L	94
10/11/93	LCS	MSMSD2310110812		100.00	97.20	ug/L	97
10/11/93	LCSD	MSMSD2310110812		100.00	90.80	ug/L	91
Number of Samples : 36			Below acceptance : 0				
Mean % Recovery : 88.2			Above acceptance : 0				
Standard Deviation : 4.83			Acceptance Criteria 17-163				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(b)fluoranthene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	88.40	ug/L	88
06/23/93	LCSD	MSMSD1306231041		100.00	90.10	ug/L	90
08/17/93	LCS	MSMSD1308171507		100.00	77.10	ug/L	77
08/17/93	LCSD	MSMSD1308171507		100.00	88.20	ug/L	88
08/25/93	LCS	MSMSD1308251013		100.00	76.60	ug/L	77
08/25/93	LCSD	MSMSD1308251013		100.00	74.70	ug/L	75
09/20/93	LCS	MSMSD1309201450		100.00	87.90	ug/L	88
09/20/93	LCSD	MSMSD1309201450		100.00	85.50	ug/L	86

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(b)fluoranthene continued							
Type of Spike : Laboratory Control							
09/23/93	LCS	MSMSD1309230953		100.00	85.80 *	ug/L	86
09/23/93	LCSD	MSMSD1309230953		100.00	89.50 *	ug/L	90
06/14/93	LCS	MSMSD2306140820		100.00	91.60	ug/L	92
06/14/93	LCS	MSMSD2306140820		100.00	102.00	ug/L	102
06/14/93	LCSD	MSMSD2306140820		100.00	98.50	ug/L	99
06/14/93	LCSD	MSMSD2306140820		100.00	91.70	ug/L	92
06/15/93	LCS	MSMSD2306150816		100.00	84.50	ug/L	84
06/15/93	LCS	MSMSD2306150816		100.00	84.50	ug/L	84
06/15/93	LCSD	MSMSD2306150816		100.00	95.70	ug/L	96
06/15/93	LCSD	MSMSD2306150816		100.00	95.70	ug/L	96
06/16/93	LCS	MSMSD2306160814		100.00	89.60	ug/L	90
06/16/93	LCSD	MSMSD2306160814		100.00	95.20	ug/L	95
06/22/93	LCS	MSMSD2306220822		100.00	95.70	ug/L	96
06/22/93	LCSD	MSMSD2306220822		100.00	97.60	ug/L	98
06/23/93	LCS	MSMSD2306230826		100.00	90.20	ug/L	90
06/23/93	LCSD	MSMSD2306230826		100.00	93.00	ug/L	93
06/24/93	LCS	MSMSD2306240908		100.00	96.30	ug/L	96
06/24/93	LCS	MSMSD2306240908		100.00	91.30	ug/L	91
06/24/93	LCSD	MSMSD2306240908		100.00	94.10	ug/L	94
06/24/93	LCSD	MSMSD2306240908		100.00	93.20	ug/L	93
08/07/93	LCS	MSMSD2308070819		100.00	79.20	ug/L	79
08/07/93	LCSD	MSMSD2308070819		100.00	80.10	ug/L	80
09/24/93	LCS	MSMSD2309240819		100.00	85.90	ug/L	86
09/24/93	LCSD	MSMSD2309240819		100.00	91.60	ug/L	92
10/08/93	LCS	MSMSD2310080817		100.00	89.90	ug/L	90
10/08/93	LCSD	MSMSD2310080817		100.00	87.30	ug/L	87
10/11/93	LCS	MSMSD2310110812		100.00	96.70	ug/L	97
10/11/93	LCSD	MSMSD2310110812		100.00	85.10	ug/L	85

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 89.5	Above acceptance :	0
Standard Deviation	: 6.54	Acceptance Criteria	24-159

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(g,h,i)perylene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	92.50	ug/L	93
06/23/93	LCSD	MSMSD1306231041		100.00	94.50	ug/L	94
08/17/93	LCS	MSMSD1308171507		100.00	88.60	ug/L	89
08/17/93	LCSD	MSMSD1308171507		100.00	90.70	ug/L	91
08/25/93	LCS	MSMSD1308251013		100.00	81.20	ug/L	81
08/25/93	LCSD	MSMSD1308251013		100.00	77.70	ug/L	78
09/20/93	LCS	MSMSD1309201450		100.00	92.10	ug/L	92

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(g,h,i)perylene continued							
Type of Spike : Laboratory Control							
09/20/93	LCSD	MSMSD1309201450		100.00	100.00	ug/L	100
09/23/93	LCS	MSMSD1309230953		100.00	83.40 *	ug/L	83
09/23/93	LCSD	MSMSD1309230953		100.00	87.00 *	ug/L	87
06/14/93	LCS	MSMSD2306140820		100.00	102.00	ug/L	102
06/14/93	LCS	MSMSD2306140820		100.00	114.00	ug/L	114
06/14/93	LCSD	MSMSD2306140820		100.00	113.00	ug/L	113
06/14/93	LCSD	MSMSD2306140820		100.00	102.00	ug/L	102
06/15/93	LCS	MSMSD2306150816		100.00	102.00	ug/L	102
06/15/93	LCS	MSMSD2306150816		100.00	102.00	ug/L	102
06/15/93	LCSD	MSMSD2306150816		100.00	114.00	ug/L	114
06/15/93	LCSD	MSMSD2306150816		100.00	114.00	ug/L	114
06/16/93	LCS	MSMSD2306160814		100.00	103.00	ug/L	103
06/16/93	LCSD	MSMSD2306160814		100.00	109.00	ug/L	109
06/22/93	LCS	MSMSD2306220822		100.00	121.00	ug/L	121
06/22/93	LCSD	MSMSD2306220822		100.00	126.00	ug/L	126
06/23/93	LCS	MSMSD2306230826		100.00	109.00	ug/L	109
06/23/93	LCSD	MSMSD2306230826		100.00	112.00	ug/L	112
06/24/93	LCS	MSMSD2306240908		100.00	118.00	ug/L	118
06/24/93	LCS	MSMSD2306240908		100.00	114.00	ug/L	114
06/24/93	LCSD	MSMSD2306240908		100.00	115.00	ug/L	115
06/24/93	LCSD	MSMSD2306240908		100.00	119.00	ug/L	119
08/07/93	LCS	MSMSD2308070819		100.00	80.50	ug/L	80
08/07/93	LCSD	MSMSD2308070819		100.00	79.70	ug/L	80
09/24/93	LCS	MSMSD2309240819		100.00	100.00	ug/L	100
09/24/93	LCSD	MSMSD2309240819		100.00	104.00	ug/L	104
10/08/93	LCS	MSMSD2310080817		100.00	96.40	ug/L	96
10/08/93	LCSD	MSMSD2310080817		100.00	97.60	ug/L	98
10/11/93	LCS	MSMSD2310110812		100.00	91.40	ug/L	91
10/11/93	LCSD	MSMSD2310110812		100.00	98.80	ug/L	99

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 101.3	Above acceptance :	0
Standard Deviation	: 12.90	Acceptance Criteria	D-219

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(k)fluoranthene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	104.00	ug/L	104
06/23/93	LCSD	MSMSD1306231041		100.00	105.00	ug/L	105
08/17/93	LCS	MSMSD1308171507		100.00	91.70	ug/L	92
08/17/93	LCSD	MSMSD1308171507		100.00	92.20	ug/L	92
08/25/93	LCS	MSMSD1308251013		100.00	86.10	ug/L	86
08/25/93	LCSD	MSMSD1308251013		100.00	80.60	ug/L	81

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(k)fluoranthene continued							
Type of Spike : Laboratory Control							
09/20/93	LCS	MSMSD1309201450		100.00	97.90	ug/L	98
09/20/93	LCSD	MSMSD1309201450		100.00	113.00	ug/L	113
09/23/93	LCS	MSMSD1309230953		100.00	79.10 *	ug/L	79
09/23/93	LCSD	MSMSD1309230953		100.00	73.60 *	ug/L	74
06/14/93	LCS	MSMSD2306140820		100.00	101.00	ug/L	101
06/14/93	LCS	MSMSD2306140820		100.00	103.00	ug/L	103
06/14/93	LCSD	MSMSD2306140820		100.00	104.00	ug/L	104
06/14/93	LCSD	MSMSD2306140820		100.00	95.10	ug/L	95
06/15/93	LCS	MSMSD2306150816		100.00	96.00	ug/L	96
06/15/93	LCS	MSMSD2306150816		100.00	96.00	ug/L	96
06/15/93	LCSD	MSMSD2306150816		100.00	97.70	ug/L	98
06/15/93	LCSD	MSMSD2306150816		100.00	97.70	ug/L	98
06/16/93	LCS	MSMSD2306160814		100.00	89.70	ug/L	90
06/16/93	LCSD	MSMSD2306160814		100.00	102.00	ug/L	102
06/22/93	LCS	MSMSD2306220822		100.00	105.00	ug/L	105
06/22/93	LCSD	MSMSD2306220822		100.00	111.00	ug/L	111
06/23/93	LCS	MSMSD2306230826		100.00	100.00	ug/L	100
06/23/93	LCSD	MSMSD2306230826		100.00	103.00	ug/L	103
06/24/93	LCS	MSMSD2306240908		100.00	98.70	ug/L	99
06/24/93	LCS	MSMSD2306240908		100.00	99.80	ug/L	100
06/24/93	LCSD	MSMSD2306240908		100.00	102.00	ug/L	102
06/24/93	LCSD	MSMSD2306240908		100.00	101.00	ug/L	101
08/07/93	LCS	MSMSD2308070819		100.00	92.90	ug/L	93
08/07/93	LCSD	MSMSD2308070819		100.00	88.00	ug/L	88
09/24/93	LCS	MSMSD2309240819		100.00	103.00	ug/L	103
09/24/93	LCSD	MSMSD2309240819		100.00	100.00	ug/L	100
10/08/93	LCS	MSMSD2310080817		100.00	108.00	ug/L	108
10/08/93	LCSD	MSMSD2310080817		100.00	111.00	ug/L	111
10/11/93	LCS	MSMSD2310110812		100.00	106.00	ug/L	106
10/11/93	LCSD	MSMSD2310110812		100.00	102.00	ug/L	102

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 98.3	Above acceptance :	0
Standard Deviation	: 8.78	Acceptance Criteria	11-162

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzoic acid							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	29.00	ug/L	29
06/23/93	LCSD	MSMSD1306231041		100.00	28.00	ug/L	28
08/17/93	LCS	MSMSD1308171507		100.00	35.20	ug/L	35
08/17/93	LCSD	MSMSD1308171507		100.00	39.70	ug/L	40
08/25/93	LCS	MSMSD1308251013		100.00	26.00	ug/L	26
08/25/93	LCSD	MSMSD1308251013		100.00	20.10	ug/L	20
09/20/93	LCS	MSMSD1309201450		100.00	35.20	ug/L	35
09/20/93	LCSD	MSMSD1309201450		100.00	21.70	ug/L	22
06/14/93	LCS	MSMSD2306140820		100.00	12.80	ug/L	13
06/14/93	LCS	MSMSD2306140820		100.00	14.00	ug/L	14
06/14/93	LCSD	MSMSD2306140820		100.00	8.38	ug/L	8
06/14/93	LCSD	MSMSD2306140820		100.00	19.30	ug/L	19
06/15/93	LCS	MSMSD2306150816		100.00	12.00	ug/L	12
06/15/93	LCS	MSMSD2306150816		100.00	12.00	ug/L	12
06/15/93	LCSD	MSMSD2306150816		100.00	25.90	ug/L	26
06/15/93	LCSD	MSMSD2306150816		100.00	25.90	ug/L	26
06/16/93	LCS	MSMSD2306160814		100.00	16.10	ug/L	16
06/16/93	LCSD	MSMSD2306160814		100.00	37.00	ug/L	37
06/22/93	LCS	MSMSD2306220822		100.00	33.60	ug/L	34
06/22/93	LCSD	MSMSD2306220822		100.00	28.10	ug/L	28
06/23/93	LCS	MSMSD2306230826		100.00	27.10	ug/L	27
06/23/93	LCSD	MSMSD2306230826		100.00	36.10	ug/L	36
06/24/93	LCS	MSMSD2306240908		100.00	16.30	ug/L	16
06/24/93	LCS	MSMSD2306240908		100.00	10.40	ug/L	10
06/24/93	LCSD	MSMSD2306240908		100.00	7.58	ug/L	8
06/24/93	LCSD	MSMSD2306240908		100.00	26.90	ug/L	27
08/07/93	LCS	MSMSD2308070819		100.00		ug/L	15
08/07/93	LCSD	MSMSD2308070819		100.00		ug/L	9
09/24/93	LCS	MSMSD2309240819		100.00	17.30	ug/L	17
09/24/93	LCSD	MSMSD2309240819		100.00	18.50	ug/L	18
10/08/93	LCS	MSMSD2310080817		100.00	24.00	ug/L	24
10/08/93	LCSD	MSMSD2310080817		100.00	22.50	ug/L	22
10/11/93	LCS	MSMSD2310110812		100.00	15.80	ug/L	16
10/11/93	LCSD	MSMSD2310110812		100.00	20.20	ug/L	20

Number of Samples	: 34	Below acceptance :	0
Mean % Recovery	: 21.9	Above acceptance :	0
Standard Deviation	: 9.07	Acceptance Criteria	NS

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzyl alcohol							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	73.60	ug/L	74
06/23/93	LCSD	MSMSD1306231041		100.00	73.90	ug/L	74
08/17/93	LCS	MSMSD1308171507		100.00	87.00	ug/L	87
08/17/93	LCSD	MSMSD1308171507		100.00	93.00	ug/L	93
08/25/93	LCS	MSMSD1308251013		100.00	83.20	ug/L	83
08/25/93	LCSD	MSMSD1308251013		100.00	75.10	ug/L	75
09/20/93	LCS	MSMSD1309201450		100.00	83.60	ug/L	84
09/20/93	LCSD	MSMSD1309201450		100.00	89.90	ug/L	90
06/14/93	LCS	MSMSD2306140820		100.00	82.40	ug/L	82
06/14/93	LCS	MSMSD2306140820		100.00	91.80	ug/L	92
06/14/93	LCSD	MSMSD2306140820		100.00	86.50	ug/L	87
06/14/93	LCSD	MSMSD2306140820		100.00	91.00	ug/L	91
06/15/93	LCS	MSMSD2306150816		100.00	80.10	ug/L	80
06/15/93	LCS	MSMSD2306150816		100.00	80.10	ug/L	80
06/15/93	LCSD	MSMSD2306150816		100.00	86.60	ug/L	87
06/15/93	LCSD	MSMSD2306150816		100.00	86.60	ug/L	87
06/16/93	LCS	MSMSD2306160814		100.00	78.80	ug/L	79
06/16/93	LCSD	MSMSD2306160814		100.00	86.90	ug/L	87
06/22/93	LCS	MSMSD2306220822		100.00	95.40	ug/L	95
06/22/93	LCSD	MSMSD2306220822		100.00	97.40	ug/L	97
06/23/93	LCS	MSMSD2306230826		100.00	82.60	ug/L	83
06/23/93	LCSD	MSMSD2306230826		100.00	88.90	ug/L	89
06/24/93	LCS	MSMSD2306240908		100.00	84.40	ug/L	84
06/24/93	LCS	MSMSD2306240908		100.00	86.20	ug/L	86
06/24/93	LCSD	MSMSD2306240908		100.00	83.20	ug/L	83
06/24/93	LCSD	MSMSD2306240908		100.00	86.20	ug/L	86
08/07/93	LCS	MSMSD2308070819		100.00	80.20	ug/L	80
08/07/93	LCSD	MSMSD2308070819		100.00	78.90	ug/L	79
09/24/93	LCS	MSMSD2309240819		100.00	92.30	ug/L	92
09/24/93	LCSD	MSMSD2309240819		100.00	95.80	ug/L	96
10/08/93	LCS	MSMSD2310080817		100.00	92.40	ug/L	92
10/08/93	LCSD	MSMSD2310080817		100.00	93.60	ug/L	94
10/11/93	LCS	MSMSD2310110812		100.00	91.90	ug/L	92
10/11/93	LCSD	MSMSD2310110812		100.00	90.00	ug/L	90

Number of Samples	: 34	Below acceptance :	0
Mean % Recovery	: 86.2	Above acceptance :	0
Standard Deviation	: 6.26	Acceptance Criteria	NS

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : Butylbenzylphthalate

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	LCS	MSMSD1306231041		100.00	85.00	ug/L	85
06/23/93	LCSD	MSMSD1306231041		100.00	85.10	ug/L	85
08/17/93	LCS	MSMSD1308171507		100.00	91.90	ug/L	92
08/17/93	LCSD	MSMSD1308171507		100.00	94.40	ug/L	94
08/25/93	LCS	MSMSD1308251013		100.00	93.70	ug/L	94
08/25/93	LCSD	MSMSD1308251013		100.00	85.00	ug/L	85
09/20/93	LCS	MSMSD1309201450		100.00	92.80	ug/L	93
09/20/93	LCSD	MSMSD1309201450		100.00	102.00	ug/L	102
09/23/93	LCS	MSMSD1309230953		100.00	91.40 *	ug/L	91
09/23/93	LCSD	MSMSD1309230953		100.00	98.90 *	ug/L	99
06/14/93	LCS	MSMSD2306140820		100.00	102.00	ug/L	102
06/14/93	LCS	MSMSD2306140820		100.00	110.00	ug/L	110
06/14/93	LCSD	MSMSD2306140820		100.00	109.00	ug/L	109
06/14/93	LCSD	MSMSD2306140820		100.00	101.00	ug/L	101
06/15/93	LCS	MSMSD2306150816		100.00	90.50	ug/L	90
06/15/93	LCS	MSMSD2306150816		100.00	90.50	ug/L	90
06/15/93	LCSD	MSMSD2306150816		100.00	98.90	ug/L	99
06/15/93	LCSD	MSMSD2306150816		100.00	98.90	ug/L	99
06/16/93	LCS	MSMSD2306160814		100.00	99.60	ug/L	100
06/16/93	LCSD	MSMSD2306160814		100.00	107.00	ug/L	107
06/22/93	LCS	MSMSD2306220822		100.00	110.00	ug/L	110
06/22/93	LCSD	MSMSD2306220822		100.00	112.00	ug/L	112
06/23/93	LCS	MSMSD2306230826		100.00	98.30	ug/L	98
06/23/93	LCSD	MSMSD2306230826		100.00	102.00	ug/L	102
06/24/93	LCS	MSMSD2306240908		100.00	99.10	ug/L	99
06/24/93	LCS	MSMSD2306240908		100.00	95.40	ug/L	95
06/24/93	LCSD	MSMSD2306240908		100.00	100.00	ug/L	100
06/24/93	LCSD	MSMSD2306240908		100.00	99.60	ug/L	100
08/07/93	LCS	MSMSD2308070819		100.00	93.20	ug/L	93
08/07/93	LCSD	MSMSD2308070819		100.00	91.50	ug/L	91
09/24/93	LCS	MSMSD2309240819		100.00	109.00	ug/L	109
09/24/93	LCSD	MSMSD2309240819		100.00	110.00	ug/L	110
10/08/93	LCS	MSMSD2310080817		100.00	109.00	ug/L	109
10/08/93	LCSD	MSMSD2310080817		100.00	110.00	ug/L	110
10/11/93	LCS	MSMSD2310110812		100.00	110.00	ug/L	110
10/11/93	LCSD	MSMSD2310110812		100.00	109.00	ug/L	109

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 99.6	Above acceptance :	0
Standard Deviation	: 8.15	Acceptance Criteria	D-152

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : Chrysene

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	LCS	MSMSD1306231041		100.00	84.30	ug/L	84
06/23/93	LCSD	MSMSD1306231041		100.00	88.90	ug/L	89
08/17/93	LCS	MSMSD1308171507		100.00	97.40	ug/L	97
08/17/93	LCSD	MSMSD1308171507		100.00	95.80	ug/L	96
08/25/93	LCS	MSMSD1308251013		100.00	93.00	ug/L	93
08/25/93	LCSD	MSMSD1308251013		100.00	81.80	ug/L	82
09/20/93	LCS	MSMSD1309201450		100.00	93.40	ug/L	93
09/20/93	LCSD	MSMSD1309201450		100.00	101.00	ug/L	101
09/23/93	LCS	MSMSD1309230953		100.00	87.20 *	ug/L	87
09/23/93	LCSD	MSMSD1309230953		100.00	96.60 *	ug/L	97
06/14/93	LCS	MSMSD2306140820		100.00	95.60	ug/L	96
06/14/93	LCS	MSMSD2306140820		100.00	101.00	ug/L	101
06/14/93	LCSD	MSMSD2306140820		100.00	99.70	ug/L	100
06/14/93	LCSD	MSMSD2306140820		100.00	90.20	ug/L	90
06/15/93	LCS	MSMSD2306150816		100.00	87.40	ug/L	87
06/15/93	LCS	MSMSD2306150816		100.00	87.40	ug/L	87
06/15/93	LCSD	MSMSD2306150816		100.00	94.70	ug/L	95
06/15/93	LCSD	MSMSD2306150816		100.00	94.70	ug/L	95
06/16/93	LCS	MSMSD2306160814		100.00	87.70	ug/L	88
06/16/93	LCSD	MSMSD2306160814		100.00	95.50	ug/L	96
06/22/93	LCS	MSMSD2306220822		100.00	99.40	ug/L	99
06/22/93	LCSD	MSMSD2306220822		100.00	101.00	ug/L	101
06/23/93	LCS	MSMSD2306230826		100.00	92.20	ug/L	92
06/23/93	LCSD	MSMSD2306230826		100.00	95.00	ug/L	95
06/24/93	LCS	MSMSD2306240908		100.00	91.20	ug/L	91
06/24/93	LCS	MSMSD2306240908		100.00	95.20	ug/L	95
06/24/93	LCSD	MSMSD2306240908		100.00	95.40	ug/L	95
06/24/93	LCSD	MSMSD2306240908		100.00	96.20	ug/L	96
08/07/93	LCS	MSMSD2308070819		100.00	86.70	ug/L	87
08/07/93	LCSD	MSMSD2308070819		100.00	84.90	ug/L	85
09/24/93	LCS	MSMSD2309240819		100.00	97.80	ug/L	98
09/24/93	LCSD	MSMSD2309240819		100.00	98.80	ug/L	99
10/08/93	LCS	MSMSD2310080817		100.00	99.20	ug/L	99
10/08/93	LCSD	MSMSD2310080817		100.00	99.80	ug/L	100
10/11/93	LCS	MSMSD2310110812		100.00	104.00	ug/L	104
10/11/93	LCSD	MSMSD2310110812		100.00	98.60	ug/L	99

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 94.1	Above acceptance :	0
Standard Deviation	: 5.57	Acceptance Criteria	17-168

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : Di-n-butylphthalate

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	LCS	MSMSD1306231041		100.00	85.30	ug/L	85
06/23/93	LCSD	MSMSD1306231041		100.00	85.30	ug/L	85
08/17/93	LCS	MSMSD1308171507		100.00	95.50	ug/L	95
08/17/93	LCSD	MSMSD1308171507		100.00	96.70	ug/L	97
08/25/93	LCS	MSMSD1308251013		100.00	93.30	ug/L	93
08/25/93	LCSD	MSMSD1308251013		100.00	90.00	ug/L	90
09/20/93	LCS	MSMSD1309201450		100.00	98.00	ug/L	98
09/20/93	LCSD	MSMSD1309201450		100.00	106.00	ug/L	106
09/23/93	LCS	MSMSD1309230953		100.00	88.70 *	ug/L	89
09/23/93	LCSD	MSMSD1309230953		100.00	92.90 *	ug/L	93
06/14/93	LCS	MSMSD2306140820		100.00	119.00	ug/L	119
06/14/93	LCS	MSMSD2306140820		100.00	129.00	ug/L	129
06/14/93	LCSD	MSMSD2306140820		100.00	126.00	ug/L	126
06/14/93	LCSD	MSMSD2306140820		100.00	113.00	ug/L	113
06/15/93	LCS	MSMSD2306150816		100.00	108.00	ug/L	108
06/15/93	LCS	MSMSD2306150816		100.00	108.00	ug/L	108
06/15/93	LCSD	MSMSD2306150816		100.00	116.00	ug/L	116
06/15/93	LCSD	MSMSD2306150816		100.00	116.00	ug/L	116
06/16/93	LCS	MSMSD2306160814		100.00	114.00	ug/L	114
06/16/93	LCSD	MSMSD2306160814		100.00	120.00	ug/L	120
06/22/93	LCS	MSMSD2306220822		100.00	113.00	ug/L	113
06/22/93	LCSD	MSMSD2306220822		100.00	117.00	ug/L	117
06/23/93	LCS	MSMSD2306230826		100.00	115.00	ug/L	115
06/23/93	LCSD	MSMSD2306230826		100.00	121.00	ug/L	121
06/24/93	LCS	MSMSD2306240908		100.00	113.00	ug/L	113
06/24/93	LCS	MSMSD2306240908		100.00	116.00	ug/L	116
06/24/93	LCSD	MSMSD2306240908		100.00	117.00	ug/L	117
06/24/93	LCSD	MSMSD2306240908		100.00	115.00	ug/L	115
08/07/93	LCS	MSMSD2308070819		100.00	92.60	ug/L	93
08/07/93	LCSD	MSMSD2308070819		100.00	90.90	ug/L	91
09/24/93	LCS	MSMSD2309240819		100.00	105.00	ug/L	105
09/24/93	LCSD	MSMSD2309240819		100.00	104.00	ug/L	104
10/08/93	LCS	MSMSD2310080817		100.00	105.00	ug/L	105
10/08/93	LCSD	MSMSD2310080817		100.00	106.00	ug/L	106
10/11/93	LCS	MSMSD2310110812		100.00	109.00	ug/L	109
10/11/93	LCSD	MSMSD2310110812		100.00	101.00	ug/L	101

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 106.7	Above acceptance :	0
Standard Deviation	: 11.82	Acceptance Criteria	NS

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : Di-n-octylphthalate

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	LCS	MSMSD1306231041		100.00	91.30	ug/L	91
06/23/93	LCSD	MSMSD1306231041		100.00	93.10	ug/L	93
08/17/93	LCS	MSMSD1308171507		100.00	92.20	ug/L	92
08/17/93	LCSD	MSMSD1308171507		100.00	94.30	ug/L	94
08/25/93	LCS	MSMSD1308251013		100.00	95.70	ug/L	96
08/25/93	LCSD	MSMSD1308251013		100.00	91.30	ug/L	91
09/20/93	LCS	MSMSD1309201450		100.00	100.00	ug/L	100
09/20/93	LCSD	MSMSD1309201450		100.00	107.00	ug/L	107
09/23/93	LCS	MSMSD1309230953		100.00	92.70 *	ug/L	93
09/23/93	LCSD	MSMSD1309230953		100.00	95.20 *	ug/L	95
06/14/93	LCS	MSMSD2306140820		100.00	121.00	ug/L	121
06/14/93	LCS	MSMSD2306140820		100.00	130.00	ug/L	130
06/14/93	LCSD	MSMSD2306140820		100.00	127.00	ug/L	127
06/14/93	LCSD	MSMSD2306140820		100.00	118.00	ug/L	118
06/15/93	LCS	MSMSD2306150816		100.00	106.00	ug/L	106
06/15/93	LCS	MSMSD2306150816		100.00	106.00	ug/L	106
06/15/93	LCSD	MSMSD2306150816		100.00	115.00	ug/L	115
06/15/93	LCSD	MSMSD2306150816		100.00	115.00	ug/L	115
06/16/93	LCS	MSMSD2306160814		100.00	118.00	ug/L	118
06/16/93	LCSD	MSMSD2306160814		100.00	127.00	ug/L	127
06/22/93	LCS	MSMSD2306220822		100.00	117.00	ug/L	117
06/22/93	LCSD	MSMSD2306220822		100.00	120.00	ug/L	120
06/23/93	LCS	MSMSD2306230826		100.00	116.00	ug/L	116
06/23/93	LCSD	MSMSD2306230826		100.00	118.00	ug/L	118
06/24/93	LCS	MSMSD2306240908		100.00	112.00	ug/L	112
06/24/93	LCS	MSMSD2306240908		100.00	116.00	ug/L	116
06/24/93	LCSD	MSMSD2306240908		100.00	116.00	ug/L	116
06/24/93	LCSD	MSMSD2306240908		100.00	116.00	ug/L	116
08/07/93	LCS	MSMSD2308070819		100.00	98.00	ug/L	98
08/07/93	LCSD	MSMSD2308070819		100.00	95.70	ug/L	96
09/24/93	LCS	MSMSD2309240819		100.00	113.00	ug/L	113
09/24/93	LCSD	MSMSD2309240819		100.00	116.00	ug/L	116
10/08/93	LCS	MSMSD2310080817		100.00	115.00	ug/L	115
10/08/93	LCSD	MSMSD2310080817		100.00	116.00	ug/L	116
10/11/93	LCS	MSMSD2310110812		100.00	120.00	ug/L	120
10/11/93	LCSD	MSMSD2310110812		100.00	108.00	ug/L	108

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 109.7	Above acceptance :	0
Standard Deviation	: 11.50	Acceptance Criteria	4-146

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : Dibenz(a,h)anthracene

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	LCS	MSMSD1306231041		100.00	90.10	ug/L	90
06/23/93	LCSD	MSMSD1306231041		100.00	91.30	ug/L	91
08/17/93	LCS	MSMSD1308171507		100.00	81.70	ug/L	82
08/17/93	LCSD	MSMSD1308171507		100.00	87.10	ug/L	87
08/25/93	LCS	MSMSD1308251013		100.00	79.10	ug/L	79
08/25/93	LCSD	MSMSD1308251013		100.00	75.80	ug/L	76
09/20/93	LCS	MSMSD1309201450		100.00	91.20	ug/L	91
09/20/93	LCSD	MSMSD1309201450		100.00	96.20	ug/L	96
09/23/93	LCS	MSMSD1309230953		100.00	78.70 *	ug/L	79
09/23/93	LCSD	MSMSD1309230953		100.00	82.90 *	ug/L	83
06/14/93	LCS	MSMSD2306140820		100.00	84.90	ug/L	85
06/14/93	LCS	MSMSD2306140820		100.00	93.60	ug/L	94
06/14/93	LCSD	MSMSD2306140820		100.00	93.50	ug/L	93
06/14/93	LCSD	MSMSD2306140820		100.00	85.80	ug/L	86
06/15/93	LCS	MSMSD2306150816		100.00	89.00	ug/L	89
06/15/93	LCS	MSMSD2306150816		100.00	89.00	ug/L	89
06/15/93	LCSD	MSMSD2306150816		100.00	95.80	ug/L	96
06/15/93	LCSD	MSMSD2306150816		100.00	95.80	ug/L	96
06/16/93	LCS	MSMSD2306160814		100.00	86.20	ug/L	86
06/16/93	LCSD	MSMSD2306160814		100.00	93.40	ug/L	93
06/22/93	LCS	MSMSD2306220822		100.00	106.00	ug/L	106
06/22/93	LCSD	MSMSD2306220822		100.00	109.00	ug/L	109
06/23/93	LCS	MSMSD2306230826		100.00	96.90	ug/L	97
06/23/93	LCSD	MSMSD2306230826		100.00	98.60	ug/L	99
06/24/93	LCS	MSMSD2306240908		100.00	98.50	ug/L	98
06/24/93	LCS	MSMSD2306240908		100.00	105.00	ug/L	105
06/24/93	LCSD	MSMSD2306240908		100.00	105.00	ug/L	105
06/24/93	LCSD	MSMSD2306240908		100.00	102.00	ug/L	102
08/07/93	LCS	MSMSD2308070819		100.00	70.80	ug/L	71
08/07/93	LCSD	MSMSD2308070819		100.00	69.80	ug/L	70
09/24/93	LCS	MSMSD2309240819		100.00	95.20	ug/L	95
09/24/93	LCSD	MSMSD2309240819		100.00	98.60	ug/L	99
10/08/93	LCS	MSMSD2310080817		100.00	92.20	ug/L	92
10/08/93	LCSD	MSMSD2310080817		100.00	93.80	ug/L	94
10/11/93	LCS	MSMSD2310110812		100.00	88.90	ug/L	89
10/11/93	LCSD	MSMSD2310110812		100.00	95.40	ug/L	95

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 91.3	Above acceptance :	0
Standard Deviation	: 9.29	Acceptance Criteria	D-227

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : Dibenzofuran

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	LCS	MSMSD1306231041		100.00	89.20	ug/L	89
06/23/93	LCSD	MSMSD1306231041		100.00	92.10	ug/L	92
08/17/93	LCS	MSMSD1308171507		100.00	96.10	ug/L	96
08/17/93	LCSD	MSMSD1308171507		100.00	100.00	ug/L	100
08/25/93	LCS	MSMSD1308251013		100.00	96.90	ug/L	97
08/25/93	LCSD	MSMSD1308251013		100.00	90.20	ug/L	90
09/20/93	LCS	MSMSD1309201450		100.00	103.00	ug/L	103
09/20/93	LCSD	MSMSD1309201450		100.00	106.00	ug/L	106
06/14/93	LCS	MSMSD2306140820		100.00	100.00	ug/L	100
06/14/93	LCS	MSMSD2306140820		100.00	105.00	ug/L	105
06/14/93	LCSD	MSMSD2306140820		100.00	104.00	ug/L	104
06/14/93	LCSD	MSMSD2306140820		100.00	94.30	ug/L	94
06/15/93	LCS	MSMSD2306150816		100.00	92.10	ug/L	92
06/15/93	LCS	MSMSD2306150816		100.00	92.10	ug/L	92
06/15/93	LCSD	MSMSD2306150816		100.00	98.10	ug/L	98
06/15/93	LCSD	MSMSD2306150816		100.00	98.10	ug/L	98
06/16/93	LCS	MSMSD2306160814		100.00	95.40	ug/L	95
06/16/93	LCSD	MSMSD2306160814		100.00	101.00	ug/L	101
06/22/93	LCS	MSMSD2306220822		100.00	103.00	ug/L	103
06/22/93	LCSD	MSMSD2306220822		100.00	104.00	ug/L	104
06/23/93	LCS	MSMSD2306230826		100.00	95.10	ug/L	95
06/23/93	LCSD	MSMSD2306230826		100.00	97.90	ug/L	98
06/24/93	LCS	MSMSD2306240908		100.00	98.70	ug/L	99
06/24/93	LCS	MSMSD2306240908		100.00	93.50	ug/L	94
06/24/93	LCSD	MSMSD2306240908		100.00	96.70	ug/L	97
06/24/93	LCSD	MSMSD2306240908		100.00	97.30	ug/L	97
08/07/93	LCS	MSMSD2308070819		100.00	88.10	ug/L	88
08/07/93	LCSD	MSMSD2308070819		100.00	86.80	ug/L	87
09/24/93	LCS	MSMSD2309240819		100.00	95.60	ug/L	96
09/24/93	LCSD	MSMSD2309240819		100.00	97.20	ug/L	97
10/08/93	LCS	MSMSD2310080817		100.00	95.70	ug/L	96
10/08/93	LCSD	MSMSD2310080817		100.00	98.50	ug/L	99
10/11/93	LCS	MSMSD2310110812		100.00	102.00	ug/L	102
10/11/93	LCSD	MSMSD2310110812		100.00	94.90	ug/L	95

Number of Samples	: 34	Below acceptance :	0
Mean % Recovery	: 97.0	Above acceptance :	0
Standard Deviation	: 4.88	Acceptance Criteria	NS

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : Diethylphthalate

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	LCS	MSMSD1306231041		100.00	99.40	ug/L	99
06/23/93	LCSD	MSMSD1306231041		100.00	97.60	ug/L	98
08/17/93	LCS	MSMSD1308171507		100.00	103.00	ug/L	103
08/17/93	LCSD	MSMSD1308171507		100.00	106.00	ug/L	106
08/25/93	LCS	MSMSD1308251013		100.00	113.00	ug/L	113
08/25/93	LCSD	MSMSD1308251013		100.00	102.00	ug/L	102
09/20/93	LCS	MSMSD1309201450		100.00	107.00	ug/L	107
09/20/93	LCSD	MSMSD1309201450		100.00	108.00	ug/L	108
09/23/93	LCS	MSMSD1309230953		100.00	96.30 *	ug/L	96
09/23/93	LCSD	MSMSD1309230953		100.00	104.00 *	ug/L	104
06/14/93	LCS	MSMSD2306140820		100.00	110.00	ug/L	110
06/14/93	LCS	MSMSD2306140820		100.00	114.00	ug/L	114
06/14/93	LCSD	MSMSD2306140820		100.00	114.00	ug/L	114
06/14/93	LCSD	MSMSD2306140820		100.00	104.00	ug/L	104
06/15/93	LCS	MSMSD2306150816		100.00	102.00	ug/L	102
06/15/93	LCS	MSMSD2306150816		100.00	102.00	ug/L	102
06/15/93	LCSD	MSMSD2306150816		100.00	108.00	ug/L	108
06/15/93	LCSD	MSMSD2306150816		100.00	108.00	ug/L	108
06/16/93	LCS	MSMSD2306160814		100.00	105.00	ug/L	105
06/16/93	LCSD	MSMSD2306160814		100.00	109.00	ug/L	109
06/22/93	LCS	MSMSD2306220822		100.00	108.00	ug/L	108
06/22/93	LCSD	MSMSD2306220822		100.00	111.00	ug/L	111
06/23/93	LCS	MSMSD2306230826		100.00	105.00	ug/L	105
06/23/93	LCSD	MSMSD2306230826		100.00	107.00	ug/L	107
06/24/93	LCS	MSMSD2306240908		100.00	101.00	ug/L	101
06/24/93	LCS	MSMSD2306240908		100.00	104.00	ug/L	104
06/24/93	LCSD	MSMSD2306240908		100.00	105.00	ug/L	105
06/24/93	LCSD	MSMSD2306240908		100.00	103.00	ug/L	103
08/07/93	LCS	MSMSD2308070819		100.00	92.40	ug/L	92
08/07/93	LCSD	MSMSD2308070819		100.00	90.70	ug/L	91
09/24/93	LCS	MSMSD2309240819		100.00	98.60	ug/L	99
09/24/93	LCSD	MSMSD2309240819		100.00	99.70	ug/L	100
10/08/93	LCS	MSMSD2310080817		100.00	98.50	ug/L	98
10/08/93	LCSD	MSMSD2310080817		100.00	102.00	ug/L	102
10/11/93	LCS	MSMSD2310110812		100.00	105.00	ug/L	105
10/11/93	LCSD	MSMSD2310110812		100.00	95.70	ug/L	96

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 103.9	Above acceptance :	0
Standard Deviation	: 5.57	Acceptance Criteria	D-114

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : Dimethylphthalate

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	LCS	MSMSD1306231041		100.00	97.70	ug/L	98
06/23/93	LCSD	MSMSD1306231041		100.00	94.80	ug/L	95
08/17/93	LCS	MSMSD1308171507		100.00	96.30	ug/L	96
08/17/93	LCSD	MSMSD1308171507		100.00	102.00	ug/L	102
08/25/93	LCS	MSMSD1308251013		100.00	94.60	ug/L	95
08/25/93	LCSD	MSMSD1308251013		100.00	89.20	ug/L	89
09/20/93	LCS	MSMSD1309201450		100.00	100.00	ug/L	100
09/20/93	LCSD	MSMSD1309201450		100.00	102.00	ug/L	102
09/23/93	LCS	MSMSD1309230953		100.00	87.80 *	ug/L	88
09/23/93	LCSD	MSMSD1309230953		100.00	89.20 *	ug/L	89
06/14/93	LCS	MSMSD2306140820		100.00	103.00	ug/L	103
06/14/93	LCS	MSMSD2306140820		100.00	109.00	ug/L	109
06/14/93	LCSD	MSMSD2306140820		100.00	108.00	ug/L	108
06/14/93	LCSD	MSMSD2306140820		100.00	96.80	ug/L	97
06/15/93	LCS	MSMSD2306150816		100.00	95.60	ug/L	96
06/15/93	LCS	MSMSD2306150816		100.00	95.60	ug/L	96
06/15/93	LCSD	MSMSD2306150816		100.00	102.00	ug/L	102
06/15/93	LCSD	MSMSD2306150816		100.00	102.00	ug/L	102
06/16/93	LCS	MSMSD2306160814		100.00	95.40	ug/L	95
06/16/93	LCSD	MSMSD2306160814		100.00	103.00	ug/L	103
06/22/93	LCS	MSMSD2306220822		100.00	105.00	ug/L	105
06/22/93	LCSD	MSMSD2306220822		100.00	108.00	ug/L	108
06/23/93	LCS	MSMSD2306230826		100.00	99.80	ug/L	100
06/23/93	LCSD	MSMSD2306230826		100.00	103.00	ug/L	103
06/24/93	LCS	MSMSD2306240908		100.00	102.00	ug/L	102
06/24/93	LCS	MSMSD2306240908		100.00	97.20	ug/L	97
06/24/93	LCSD	MSMSD2306240908		100.00	101.00	ug/L	101
06/24/93	LCSD	MSMSD2306240908		100.00	102.00	ug/L	102
08/07/93	LCS	MSMSD2308070819		100.00	88.20	ug/L	88
08/07/93	LCSD	MSMSD2308070819		100.00	86.70	ug/L	87
09/24/93	LCS	MSMSD2309240819		100.00	95.70	ug/L	96
09/24/93	LCSD	MSMSD2309240819		100.00	96.10	ug/L	96
10/08/93	LCS	MSMSD2310080817		100.00	95.60	ug/L	96
10/08/93	LCSD	MSMSD2310080817		100.00	99.00	ug/L	99
10/11/93	LCS	MSMSD2310110812		100.00	101.00	ug/L	101
10/11/93	LCSD	MSMSD2310110812		100.00	93.30	ug/L	93

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 98.3	Above acceptance :	0
Standard Deviation	: 5.67	Acceptance Criteria	D-112

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Diphenylamine/N-NitrosoDPA							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	76.20	ug/L	76
06/23/93	LCSD	MSMSD1306231041		100.00	75.30	ug/L	75
08/17/93	LCS	MSMSD1308171507		100.00	80.70	ug/L	81
08/17/93	LCSD	MSMSD1308171507		100.00	80.30	ug/L	80
06/14/93	LCS	MSMSD2306140820		100.00	97.90	ug/L	98
06/14/93	LCS	MSMSD2306140820		100.00	92.20	ug/L	92
06/14/93	LCSD	MSMSD2306140820		100.00	86.20	ug/L	86
06/14/93	LCSD	MSMSD2306140820		100.00	94.20	ug/L	94
06/15/93	LCS	MSMSD2306150816		100.00	85.40	ug/L	85
06/15/93	LCS	MSMSD2306150816		100.00	85.40	ug/L	85
06/15/93	LCSD	MSMSD2306150816		100.00	90.70	ug/L	91
06/15/93	LCSD	MSMSD2306150816		100.00	90.70	ug/L	91
06/16/93	LCS	MSMSD2306160814		100.00	86.60	ug/L	87
06/16/93	LCSD	MSMSD2306160814		100.00	90.60	ug/L	91
06/22/93	LCS	MSMSD2306220822		100.00	96.20	ug/L	96
06/22/93	LCSD	MSMSD2306220822		100.00	98.70	ug/L	99
06/23/93	LCS	MSMSD2306230826		100.00	90.20	ug/L	90
06/23/93	LCSD	MSMSD2306230826		100.00	91.90	ug/L	92
06/24/93	LCS	MSMSD2306240908		100.00	91.20	ug/L	91
06/24/93	LCS	MSMSD2306240908		100.00	89.10	ug/L	89
06/24/93	LCSD	MSMSD2306240908		100.00	91.40	ug/L	91
06/24/93	LCSD	MSMSD2306240908		100.00	90.30	ug/L	90
08/07/93	LCS	MSMSD2308070819			83.60	ug/L	
08/07/93	LCSD	MSMSD2308070819			82.20	ug/L	

Number of Samples	: 24	Below acceptance :	2
Mean % Recovery	: 81.3	Above acceptance :	2
Standard Deviation	: 25.75	Acceptance Criteria	NS

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Fluoranthene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	83.00	ug/L	83
06/23/93	LCSD	MSMSD1306231041		100.00	83.80	ug/L	84
08/17/93	LCS	MSMSD1308171507		100.00	94.10	ug/L	94
08/17/93	LCSD	MSMSD1308171507		100.00	93.60	ug/L	94
08/25/93	LCS	MSMSD1308251013		100.00	88.30	ug/L	88
08/25/93	LCSD	MSMSD1308251013		100.00	85.70	ug/L	86
09/20/93	LCS	MSMSD1309201450		100.00	93.60	ug/L	94
09/20/93	LCSD	MSMSD1309201450		100.00	103.00	ug/L	103
09/23/93	LCS	MSMSD1309230953		100.00	86.90 *	ug/L	87
09/23/93	LCSD	MSMSD1309230953		100.00	87.40 *	ug/L	87
06/14/93	LCS	MSMSD2306140820		100.00	99.40	ug/L	99

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Fluoranthene continued							
Type of Spike : Laboratory Control							
06/14/93	LCS	MSMSD2306140820		100.00	106.00	ug/L	106
06/14/93	LCSD	MSMSD2306140820		100.00	105.00	ug/L	105
06/14/93	LCSD	MSMSD2306140820		100.00	94.70	ug/L	95
06/15/93	LCS	MSMSD2306150816		100.00	91.40	ug/L	91
06/15/93	LCS	MSMSD2306150816		100.00	91.40	ug/L	91
06/15/93	LCSD	MSMSD2306150816		100.00	98.70	ug/L	99
06/15/93	LCSD	MSMSD2306150816		100.00	98.70	ug/L	99
06/16/93	LCS	MSMSD2306160814		100.00	92.80	ug/L	93
06/16/93	LCSD	MSMSD2306160814		100.00	98.80	ug/L	99
06/22/93	LCS	MSMSD2306220822		100.00	102.00	ug/L	102
06/22/93	LCSD	MSMSD2306220822		100.00	109.00	ug/L	109
06/23/93	LCS	MSMSD2306230826		100.00	99.00	ug/L	99
06/23/93	LCSD	MSMSD2306230826		100.00	102.00	ug/L	102
06/24/93	LCS	MSMSD2306240908		100.00	97.60	ug/L	98
06/24/93	LCS	MSMSD2306240908		100.00	99.40	ug/L	99
06/24/93	LCSD	MSMSD2306240908		100.00	99.60	ug/L	100
06/24/93	LCSD	MSMSD2306240908		100.00	100.00	ug/L	100
08/07/93	LCS	MSMSD2308070819		100.00	85.70	ug/L	86
08/07/93	LCSD	MSMSD2308070819		100.00	83.80	ug/L	84
09/24/93	LCS	MSMSD2309240819		100.00	95.10	ug/L	95
09/24/93	LCSD	MSMSD2309240819		100.00	93.50	ug/L	93
10/08/93	LCS	MSMSD2310080817		100.00	96.90	ug/L	97
10/08/93	LCSD	MSMSD2310080817		100.00	97.90	ug/L	98
10/11/93	LCS	MSMSD2310110812		100.00	101.00	ug/L	101
10/11/93	LCSD	MSMSD2310110812		100.00	91.40	ug/L	91
Number of Samples : 36			Below acceptance : 0				
Mean % Recovery : 95.3			Above acceptance : 0				
Standard Deviation : 6.68			Acceptance Criteria 26-137				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Fluorene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	78.80	ug/L	79
06/23/93	LCSD	MSMSD1306231041		100.00	78.60	ug/L	79
08/17/93	LCS	MSMSD1308171507		100.00	76.80	ug/L	77
08/17/93	LCSD	MSMSD1308171507		100.00	82.60	ug/L	83
08/25/93	LCS	MSMSD1308251013		100.00	84.90	ug/L	85
08/25/93	LCSD	MSMSD1308251013		100.00	79.90	ug/L	80
09/20/93	LCS	MSMSD1309201450		100.00	87.40	ug/L	87
09/20/93	LCSD	MSMSD1309201450		100.00	88.80	ug/L	89
09/23/93	LCS	MSMSD1309230953		100.00	81.50 *	ug/L	81
09/23/93	LCSD	MSMSD1309230953		100.00	80.80 *	ug/L	81

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Fluorene continued							
Type of Spike : Laboratory Control							
06/14/93	LCS	MSMSD2306140820		100.00	82.40	ug/L	82
06/14/93	LCS	MSMSD2306140820		100.00	85.30	ug/L	85
06/14/93	LCSD	MSMSD2306140820		100.00	85.70	ug/L	86
06/14/93	LCSD	MSMSD2306140820		100.00	77.20	ug/L	77
06/15/93	LCS	MSMSD2306150816		100.00	76.80	ug/L	77
06/15/93	LCS	MSMSD2306150816		100.00	76.80	ug/L	77
06/15/93	LCSD	MSMSD2306150816		100.00	80.20	ug/L	80
06/15/93	LCSD	MSMSD2306150816		100.00	80.20	ug/L	80
06/16/93	LCS	MSMSD2306160814		100.00	78.40	ug/L	78
06/16/93	LCSD	MSMSD2306160814		100.00	81.80	ug/L	82
06/22/93	LCS	MSMSD2306220822		100.00	84.10	ug/L	84
06/22/93	LCSD	MSMSD2306220822		100.00	87.00	ug/L	87
06/23/93	LCS	MSMSD2306230826		100.00	78.70	ug/L	79
06/23/93	LCSD	MSMSD2306230826		100.00	79.80	ug/L	80
06/24/93	LCS	MSMSD2306240908		100.00	79.70	ug/L	80
06/24/93	LCS	MSMSD2306240908		100.00	77.60	ug/L	78
06/24/93	LCSD	MSMSD2306240908		100.00	79.70	ug/L	80
06/24/93	LCSD	MSMSD2306240908		100.00	79.40	ug/L	79
08/07/93	LCS	MSMSD2308070819		100.00	73.00	ug/L	73
08/07/93	LCSD	MSMSD2308070819		100.00	72.50	ug/L	72
09/24/93	LCS	MSMSD2309240819		100.00	80.60	ug/L	81
09/24/93	LCSD	MSMSD2309240819		100.00	82.00	ug/L	82
10/08/93	LCS	MSMSD2310080817		100.00	80.50	ug/L	81
10/08/93	LCSD	MSMSD2310080817		100.00	83.60	ug/L	84
10/11/93	LCS	MSMSD2310110812		100.00	86.30	ug/L	86
10/11/93	LCSD	MSMSD2310110812		100.00	80.20	ug/L	80

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 80.9	Above acceptance :	0
Standard Deviation	: 3.75	Acceptance Criteria	59-121

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachlorobenzene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	84.20	ug/L	84
06/23/93	LCSD	MSMSD1306231041		100.00	83.00	ug/L	83
08/17/93	LCS	MSMSD1308171507		100.00	106.00	ug/L	106
08/17/93	LCSD	MSMSD1308171507		100.00	105.00	ug/L	105
08/25/93	LCS	MSMSD1308251013		100.00	96.40	ug/L	96
08/25/93	LCSD	MSMSD1308251013		100.00	88.10	ug/L	88
09/20/93	LCS	MSMSD1309201450		100.00	111.00	ug/L	111
09/20/93	LCSD	MSMSD1309201450		100.00	122.00	ug/L	122
09/23/93	LCS	MSMSD1309230953		100.00	100.00 *	ug/L	100

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachlorobenzene continued							
Type of Spike : Laboratory Control							
09/23/93	LCSD	MSMSD1309230953		100.00	104.00 *	ug/L	104
06/14/93	LCS	MSMSD2306140820		100.00	98.10	ug/L	98
06/14/93	LCS	MSMSD2306140820		100.00	107.00	ug/L	107
06/14/93	LCSD	MSMSD2306140820		100.00	103.00	ug/L	103
06/14/93	LCSD	MSMSD2306140820		100.00	94.90	ug/L	95
06/15/93	LCS	MSMSD2306150816		100.00	96.20	ug/L	96
06/15/93	LCS	MSMSD2306150816		100.00	96.20	ug/L	96
06/15/93	LCSD	MSMSD2306150816		100.00	103.00	ug/L	103
06/15/93	LCSD	MSMSD2306150816		100.00	103.00	ug/L	103
06/16/93	LCS	MSMSD2306160814		100.00	91.40	ug/L	91
06/16/93	LCSD	MSMSD2306160814		100.00	97.60	ug/L	98
06/22/93	LCS	MSMSD2306220822		100.00	106.00	ug/L	106
06/22/93	LCSD	MSMSD2306220822		100.00	109.00	ug/L	109
06/23/93	LCS	MSMSD2306230826		100.00	97.60	ug/L	98
06/23/93	LCSD	MSMSD2306230826		100.00	100.00	ug/L	100
06/24/93	LCS	MSMSD2306240908		100.00	98.30	ug/L	98
06/24/93	LCS	MSMSD2306240908		100.00	101.00	ug/L	101
06/24/93	LCSD	MSMSD2306240908		100.00	101.00	ug/L	101
06/24/93	LCSD	MSMSD2306240908		100.00	101.00	ug/L	101
08/07/93	LCS	MSMSD2308070819		100.00	85.80	ug/L	86
08/07/93	LCSD	MSMSD2308070819		100.00	83.60	ug/L	84
09/24/93	LCS	MSMSD2309240819		100.00	94.50	ug/L	95
09/24/93	LCSD	MSMSD2309240819		100.00	94.70	ug/L	95
10/08/93	LCS	MSMSD2310080817		100.00	97.90	ug/L	98
10/08/93	LCSD	MSMSD2310080817		100.00	97.40	ug/L	97
10/11/93	LCS	MSMSD2310110812		100.00	101.00	ug/L	101
10/11/93	LCSD	MSMSD2310110812		100.00	95.20	ug/L	95

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 98.7	Above acceptance :	0
Standard Deviation	: 7.96	Acceptance Criteria	D-152

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachlorobutadiene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	93.20	ug/L	93
06/23/93	LCSD	MSMSD1306231041		100.00	92.30	ug/L	92
08/17/93	LCS	MSMSD1308171507		100.00	101.00	ug/L	101
08/17/93	LCSD	MSMSD1308171507		100.00	104.00	ug/L	104
08/25/93	LCS	MSMSD1308251013		100.00	101.00	ug/L	101
08/25/93	LCSD	MSMSD1308251013		100.00	85.30	ug/L	85
09/20/93	LCS	MSMSD1309201450		100.00	100.00	ug/L	100
09/20/93	LCSD	MSMSD1309201450		100.00	105.00	ug/L	105

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachlorobutadiene continued							
Type of Spike : Laboratory Control							
09/23/93	LCS	MSMSD1309230953		100.00	95.00 *	ug/L	95
09/23/93	LCSD	MSMSD1309230953		100.00	95.30 *	ug/L	95
06/14/93	LCS	MSMSD2306140820		100.00	94.80	ug/L	95
06/14/93	LCS	MSMSD2306140820		100.00	99.20	ug/L	99
06/14/93	LCSD	MSMSD2306140820		100.00	95.50	ug/L	96
06/14/93	LCSD	MSMSD2306140820		100.00	91.50	ug/L	92
06/15/93	LCS	MSMSD2306150816		100.00	93.00	ug/L	93
06/15/93	LCS	MSMSD2306150816		100.00	93.00	ug/L	93
06/15/93	LCSD	MSMSD2306150816		100.00	98.50	ug/L	98
06/15/93	LCSD	MSMSD2306150816		100.00	98.50	ug/L	98
06/16/93	LCS	MSMSD2306160814		100.00	90.90	ug/L	91
06/16/93	LCSD	MSMSD2306160814		100.00	97.60	ug/L	98
06/22/93	LCS	MSMSD2306220822		100.00	99.40	ug/L	99
06/22/93	LCSD	MSMSD2306220822		100.00	102.00	ug/L	102
06/23/93	LCS	MSMSD2306230826		100.00	90.60	ug/L	91
06/23/93	LCSD	MSMSD2306230826		100.00	94.90	ug/L	95
06/24/93	LCS	MSMSD2306240908		100.00	99.20	ug/L	99
06/24/93	LCS	MSMSD2306240908		100.00	88.60	ug/L	89
06/24/93	LCSD	MSMSD2306240908		100.00	95.70	ug/L	96
06/24/93	LCSD	MSMSD2306240908		100.00	93.00	ug/L	93
08/07/93	LCS	MSMSD2308070819		100.00	80.00	ug/L	80
08/07/93	LCSD	MSMSD2308070819		100.00	81.20	ug/L	81
09/24/93	LCS	MSMSD2309240819		100.00	87.00	ug/L	87
09/24/93	LCSD	MSMSD2309240819		100.00	87.20	ug/L	87
10/08/93	LCS	MSMSD2310080817		100.00	89.50	ug/L	90
10/08/93	LCSD	MSMSD2310080817		100.00	85.80	ug/L	86
10/11/93	LCS	MSMSD2310110812		100.00	93.30	ug/L	93
10/11/93	LCSD	MSMSD2310110812		100.00	87.50	ug/L	87

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 93.9	Above acceptance :	0
Standard Deviation	: 6.05	Acceptance Criteria	24-116

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachlorocyclopentadiene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	79.10	ug/L	79
06/23/93	LCSD	MSMSD1306231041		100.00	103.00	ug/L	103
08/17/93	LCS	MSMSD1308171507		100.00	128.00	ug/L	128
08/17/93	LCSD	MSMSD1308171507		100.00	137.00	ug/L	137
08/25/93	LCS	MSMSD1308251013		100.00	125.00	ug/L	125
08/25/93	LCSD	MSMSD1308251013		100.00	104.00	ug/L	104
09/20/93	LCS	MSMSD1309201450		100.00	102.00	ug/L	102

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachlorocyclopentadiene continued							
Type of Spike : Laboratory Control							
09/20/93	LCSD	MSMSD1309201450		100.00	125.00	ug/L	125
06/14/93	LCS	MSMSD2306140820		100.00	134.00	ug/L	134
06/14/93	LCS	MSMSD2306140820		100.00	143.00	ug/L	143
06/14/93	LCSD	MSMSD2306140820		100.00	140.00	ug/L	140
06/14/93	LCSD	MSMSD2306140820		100.00	131.00	ug/L	131
06/15/93	LCS	MSMSD2306150816		100.00	95.10	ug/L	95
06/15/93	LCS	MSMSD2306150816		100.00	95.10	ug/L	95
06/15/93	LCSD	MSMSD2306150816		100.00	105.00	ug/L	105
06/15/93	LCSD	MSMSD2306150816		100.00	105.00	ug/L	105
06/16/93	LCS	MSMSD2306160814		100.00	84.00	ug/L	84
06/16/93	LCSD	MSMSD2306160814		100.00	94.00	ug/L	94
06/22/93	LCS	MSMSD2306220822		100.00	127.00	ug/L	127
06/22/93	LCSD	MSMSD2306220822		100.00	124.00	ug/L	124
06/23/93	LCS	MSMSD2306230826		100.00	104.00	ug/L	104
06/23/93	LCSD	MSMSD2306230826		100.00	113.00	ug/L	113
06/24/93	LCS	MSMSD2306240908		100.00	97.00	ug/L	97
06/24/93	LCS	MSMSD2306240908		100.00	115.00	ug/L	115
06/24/93	LCSD	MSMSD2306240908		100.00	109.00	ug/L	109
06/24/93	LCSD	MSMSD2306240908		100.00	91.50	ug/L	91
08/07/93	LCS	MSMSD2308070819		100.00	84.60	ug/L	85
08/07/93	LCSD	MSMSD2308070819		100.00	89.80	ug/L	90
09/24/93	LCS	MSMSD2309240819		100.00	89.80	ug/L	90
09/24/93	LCSD	MSMSD2309240819		100.00	82.30	ug/L	82
10/08/93	LCS	MSMSD2310080817		100.00	93.70	ug/L	94
10/08/93	LCSD	MSMSD2310080817		100.00	97.20	ug/L	97
10/11/93	LCS	MSMSD2310110812		100.00	92.40	ug/L	92
10/11/93	LCSD	MSMSD2310110812		100.00	94.10	ug/L	94

Number of Samples	: 34	Below acceptance :	0
Mean % Recovery	: 106.9	Above acceptance :	0
Standard Deviation	: 18.27	Acceptance Criteria	NS

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachloroethane							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	79.00	ug/L	79
06/23/93	LCSD	MSMSD1306231041		100.00	85.60	ug/L	86
08/17/93	LCS	MSMSD1308171507		100.00	92.90	ug/L	93
08/17/93	LCSD	MSMSD1308171507		100.00	98.30	ug/L	98
08/25/93	LCS	MSMSD1308251013		100.00	95.10	ug/L	95
08/25/93	LCSD	MSMSD1308251013		100.00	86.90	ug/L	87
09/20/93	LCS	MSMSD1309201450		100.00	83.30	ug/L	83
09/20/93	LCSD	MSMSD1309201450		100.00	91.70	ug/L	92

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachloroethane continued							
Type of Spike : Laboratory Control							
09/23/93	LCS	MSMSD1309230953		100.00	85.50 *	ug/L	86
09/23/93	LCSD	MSMSD1309230953		100.00	80.40 *	ug/L	80
06/14/93	LCS	MSMSD2306140820		100.00	91.60	ug/L	92
06/14/93	LCS	MSMSD2306140820		100.00	94.80	ug/L	95
06/14/93	LCSD	MSMSD2306140820		100.00	90.60	ug/L	91
06/14/93	LCSD	MSMSD2306140820		100.00	95.90	ug/L	96
06/15/93	LCS	MSMSD2306150816		100.00	87.90	ug/L	88
06/15/93	LCS	MSMSD2306150816		100.00	87.90	ug/L	88
06/15/93	LCSD	MSMSD2306150816		100.00	93.00	ug/L	93
06/15/93	LCSD	MSMSD2306150816		100.00	93.00	ug/L	93
06/16/93	LCS	MSMSD2306160814		100.00	87.10	ug/L	87
06/16/93	LCSD	MSMSD2306160814		100.00	93.40	ug/L	93
06/22/93	LCS	MSMSD2306220822		100.00	102.00	ug/L	102
06/22/93	LCSD	MSMSD2306220822		100.00	104.00	ug/L	104
06/23/93	LCS	MSMSD2306230826		100.00	89.00	ug/L	89
06/23/93	LCSD	MSMSD2306230826		100.00	95.20	ug/L	95
06/24/93	LCS	MSMSD2306240908		100.00	95.30	ug/L	95
06/24/93	LCS	MSMSD2306240908		100.00	88.10	ug/L	88
06/24/93	LCSD	MSMSD2306240908		100.00	90.70	ug/L	91
06/24/93	LCSD	MSMSD2306240908		100.00	93.10	ug/L	93
08/07/93	LCS	MSMSD2308070819		100.00	83.00	ug/L	83
08/07/93	LCSD	MSMSD2308070819		100.00	82.60	ug/L	83
09/24/93	LCS	MSMSD2309240819		100.00	93.90	ug/L	94
09/24/93	LCSD	MSMSD2309240819		100.00	96.90	ug/L	97
10/08/93	LCS	MSMSD2310080817		100.00	92.90	ug/L	93
10/08/93	LCSD	MSMSD2310080817		100.00	88.50	ug/L	88
10/11/93	LCS	MSMSD2310110812		100.00	96.20	ug/L	96
10/11/93	LCSD	MSMSD2310110812		100.00	93.90	ug/L	94

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 91.1	Above acceptance :	0
Standard Deviation	: 5.64	Acceptance Criteria	40-113

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Indeno(1,2,3-cd)pyrene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	78.90	ug/L	79
06/23/93	LCSD	MSMSD1306231041		100.00	83.60	ug/L	84
08/17/93	LCS	MSMSD1308171507		100.00	86.80	ug/L	87
08/17/93	LCSD	MSMSD1308171507		100.00	94.00	ug/L	94
08/25/93	LCS	MSMSD1308251013		100.00	83.50	ug/L	83
08/25/93	LCSD	MSMSD1308251013		100.00	80.60	ug/L	81
09/20/93	LCS	MSMSD1309201450		100.00	95.20	ug/L	95

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Indeno(1,2,3-cd)pyrene continued							
Type of Spike : Laboratory Control							
09/20/93	LCSD	MSMSD1309201450		100.00	98.90	ug/L	99
09/23/93	LCS	MSMSD1309230953		100.00	84.60 *	ug/L	85
09/23/93	LCSD	MSMSD1309230953		100.00	82.30 *	ug/L	82
06/14/93	LCS	MSMSD2306140820		100.00	93.50	ug/L	93
06/14/93	LCS	MSMSD2306140820		100.00	103.00	ug/L	103
06/14/93	LCSD	MSMSD2306140820		100.00	102.00	ug/L	102
06/14/93	LCSD	MSMSD2306140820		100.00	93.90	ug/L	94
06/15/93	LCS	MSMSD2306150816		100.00	83.60	ug/L	84
06/15/93	LCS	MSMSD2306150816		100.00	83.60	ug/L	84
06/15/93	LCSD	MSMSD2306150816		100.00	102.00	ug/L	102
06/15/93	LCSD	MSMSD2306150816		100.00	102.00	ug/L	102
06/16/93	LCS	MSMSD2306160814		100.00	81.20	ug/L	81
06/16/93	LCSD	MSMSD2306160814		100.00	87.00	ug/L	87
06/22/93	LCS	MSMSD2306220822		100.00	98.70	ug/L	99
06/22/93	LCSD	MSMSD2306220822		100.00	99.90	ug/L	100
06/23/93	LCS	MSMSD2306230826		100.00	88.00	ug/L	88
06/23/93	LCSD	MSMSD2306230826		100.00	90.80	ug/L	91
06/24/93	LCS	MSMSD2306240908		100.00	109.00	ug/L	109
06/24/93	LCS	MSMSD2306240908		100.00	91.90	ug/L	92
06/24/93	LCSD	MSMSD2306240908		100.00	95.30	ug/L	95
06/24/93	LCSD	MSMSD2306240908		100.00	106.00	ug/L	106
08/07/93	LCS	MSMSD2308070819		100.00	71.20	ug/L	71
08/07/93	LCSD	MSMSD2308070819		100.00	72.40	ug/L	72
09/24/93	LCS	MSMSD2309240819		100.00	89.50	ug/L	90
09/24/93	LCSD	MSMSD2309240819		100.00	92.20	ug/L	92
10/08/93	LCS	MSMSD2310080817		100.00	85.60	ug/L	86
10/08/93	LCSD	MSMSD2310080817		100.00	87.40	ug/L	87
10/11/93	LCS	MSMSD2310110812		100.00	84.80	ug/L	85
10/11/93	LCSD	MSMSD2310110812		100.00	89.00	ug/L	89

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 90.4	Above acceptance :	0
Standard Deviation	: 9.04	Acceptance Criteria	D-171

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Isophorone							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	54.90	ug/L	55
06/23/93	LCSD	MSMSD1306231041		100.00	52.80	ug/L	53
08/17/93	LCS	MSMSD1308171507		100.00	62.40	ug/L	62
08/17/93	LCSD	MSMSD1308171507		100.00	65.30	ug/L	65
08/25/93	LCS	MSMSD1308251013		100.00	59.40	ug/L	59
08/25/93	LCSD	MSMSD1308251013		100.00	51.00	ug/L	51

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Isophorone continued							
Type of Spike : Laboratory Control							
09/20/93	LCS	MSMSD1309201450		100.00	76.90	ug/L	77
09/20/93	LCSD	MSMSD1309201450		100.00	81.90	ug/L	82
09/23/93	LCS	MSMSD1309230953		100.00	78.20 *	ug/L	78
09/23/93	LCSD	MSMSD1309230953		100.00	82.10 *	ug/L	82
06/14/93	LCS	MSMSD2306140820		100.00	63.00	ug/L	63
06/14/93	LCS	MSMSD2306140820		100.00	68.60	ug/L	69
06/14/93	LCSD	MSMSD2306140820		100.00	66.00	ug/L	66
06/14/93	LCSD	MSMSD2306140820		100.00	60.30	ug/L	60
06/15/93	LCS	MSMSD2306150816		100.00	59.60	ug/L	60
06/15/93	LCS	MSMSD2306150816		100.00	59.60	ug/L	60
06/15/93	LCSD	MSMSD2306150816		100.00	63.50	ug/L	63
06/15/93	LCSD	MSMSD2306150816		100.00	63.50	ug/L	63
06/16/93	LCS	MSMSD2306160814		100.00	57.20	ug/L	57
06/16/93	LCSD	MSMSD2306160814		100.00	62.80	ug/L	63
06/22/93	LCS	MSMSD2306220822		100.00	69.10	ug/L	69
06/22/93	LCSD	MSMSD2306220822		100.00	71.00	ug/L	71
06/23/93	LCS	MSMSD2306230826		100.00	59.90	ug/L	60
06/23/93	LCSD	MSMSD2306230826		100.00	63.50	ug/L	64
06/24/93	LCS	MSMSD2306240908		100.00	60.80	ug/L	61
06/24/93	LCS	MSMSD2306240908		100.00	64.10	ug/L	64
06/24/93	LCSD	MSMSD2306240908		100.00	63.50	ug/L	63
06/24/93	LCSD	MSMSD2306240908		100.00	61.70	ug/L	62
08/07/93	LCS	MSMSD2308070819		100.00	54.40	ug/L	54
08/07/93	LCSD	MSMSD2308070819		100.00	54.20	ug/L	54
09/24/93	LCS	MSMSD2309240819		100.00	68.90	ug/L	69
09/24/93	LCSD	MSMSD2309240819		100.00	68.60	ug/L	69
10/08/93	LCS	MSMSD2310080817		100.00	70.80	ug/L	71
10/08/93	LCSD	MSMSD2310080817		100.00	69.80	ug/L	70
10/11/93	LCS	MSMSD2310110812		100.00	71.10	ug/L	71
10/11/93	LCSD	MSMSD2310110812		100.00	68.00	ug/L	68

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 64.7	Above acceptance :	0
Standard Deviation	: 7.62	Acceptance Criteria	21-196

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : N-Nitroso-di-n-propylamine							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	73.60	ug/L	74
06/23/93	LCSD	MSMSD1306231041		100.00	75.00	ug/L	75
08/17/93	LCS	MSMSD1308171507		100.00	91.20	ug/L	91
08/17/93	LCSD	MSMSD1308171507		100.00	97.00	ug/L	97
08/25/93	LCS	MSMSD1308251013		100.00	89.40	ug/L	89
08/25/93	LCSD	MSMSD1308251013		100.00	80.10	ug/L	80
09/20/93	LCS	MSMSD1309201450		100.00	104.00	ug/L	104
09/20/93	LCSD	MSMSD1309201450		100.00	115.00	ug/L	115
09/23/93	LCS	MSMSD1309230953		100.00	110.00 *	ug/L	110
09/23/93	LCSD	MSMSD1309230953		100.00	115.00 *	ug/L	115
06/14/93	LCS	MSMSD2306140820		100.00	83.80	ug/L	84
06/14/93	LCS	MSMSD2306140820		100.00	92.50	ug/L	92
06/14/93	LCSD	MSMSD2306140820		100.00	86.80	ug/L	87
06/14/93	LCSD	MSMSD2306140820		100.00	87.90	ug/L	88
06/15/93	LCS	MSMSD2306150816		100.00	82.90	ug/L	83
06/15/93	LCS	MSMSD2306150816		100.00	82.90	ug/L	83
06/15/93	LCSD	MSMSD2306150816		100.00	85.60	ug/L	86
06/15/93	LCSD	MSMSD2306150816		100.00	85.60	ug/L	86
06/16/93	LCS	MSMSD2306160814		100.00	78.20	ug/L	78
06/16/93	LCSD	MSMSD2306160814		100.00	84.20	ug/L	84
06/22/93	LCS	MSMSD2306220822		100.00	97.30	ug/L	97
06/22/93	LCSD	MSMSD2306220822		100.00	99.60	ug/L	100
06/23/93	LCS	MSMSD2306230826		100.00	81.30	ug/L	81
06/23/93	LCSD	MSMSD2306230826		100.00	87.50	ug/L	88
06/24/93	LCS	MSMSD2306240908		100.00	85.20	ug/L	85
06/24/93	LCS	MSMSD2306240908		100.00	85.00	ug/L	85
06/24/93	LCSD	MSMSD2306240908		100.00	86.50	ug/L	86
06/24/93	LCSD	MSMSD2306240908		100.00	82.10	ug/L	82
08/07/93	LCS	MSMSD2308070819		100.00	79.60	ug/L	80
08/07/93	LCSD	MSMSD2308070819		100.00	77.30	ug/L	77
09/24/93	LCS	MSMSD2309240819		100.00	92.90	ug/L	93
09/24/93	LCSD	MSMSD2309240819		100.00	93.90	ug/L	94
10/08/93	LCS	MSMSD2310080817		100.00	94.10	ug/L	94
10/08/93	LCSD	MSMSD2310080817		100.00	95.80	ug/L	96
10/11/93	LCS	MSMSD2310110812		100.00	90.50	ug/L	90
10/11/93	LCSD	MSMSD2310110812		100.00	89.60	ug/L	90

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 89.4	Above acceptance :	0
Standard Deviation	: 10.06	Acceptance Criteria	NS

Type of Spike : Matrix Spike

09/20/93	06-MW-07-01 MS	MSMSD1309201450	ND	107.00	101.00	ug/L	95
09/20/93	06-MW-07-01 MSD	MSMSD1309201450	ND	98.00	93.70	ug/L	96

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : N-Nitroso-di-n-propylamine continued							
Type of Spike : Matrix Spike							
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	75.00	ug/L	75
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	74.00	ug/L	74
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	73.00	ug/L	72
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	74.90	ug/L	74
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	81.90	ug/L	82
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	81.20	ug/L	81
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 81.1			Above acceptance : 0				
Standard Deviation : 9.54			Acceptance Criteria NS				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Naphthalene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	81.30	ug/L	81
06/23/93	LCSD	MSMSD1306231041		100.00	84.90	ug/L	85
08/17/93	LCS	MSMSD1308171507		100.00	88.30	ug/L	88
08/17/93	LCSD	MSMSD1308171507		100.00	93.20	ug/L	93
08/25/93	LCS	MSMSD1308251013		100.00	91.30	ug/L	91
08/25/93	LCSD	MSMSD1308251013		100.00	76.30	ug/L	76
09/20/93	LCS	MSMSD1309201450		100.00	92.60	ug/L	93
09/20/93	LCSD	MSMSD1309201450		100.00	97.90	ug/L	98
09/23/93	LCS	MSMSD1309230953		100.00	89.40 *	ug/L	89
09/23/93	LCSD	MSMSD1309230953		100.00	86.80 *	ug/L	87
06/14/93	LCS	MSMSD2306140820		100.00	97.00	ug/L	97
06/14/93	LCS	MSMSD2306140820		100.00	99.40	ug/L	99
06/14/93	LCSD	MSMSD2306140820		100.00	97.50	ug/L	97
06/14/93	LCSD	MSMSD2306140820		100.00	90.70	ug/L	91
06/15/93	LCS	MSMSD2306150816		100.00	89.50	ug/L	89
06/15/93	LCS	MSMSD2306150816		100.00	89.50	ug/L	89
06/15/93	LCSD	MSMSD2306150816		100.00	95.00	ug/L	95
06/15/93	LCSD	MSMSD2306150816		100.00	95.00	ug/L	95
06/16/93	LCS	MSMSD2306160814		100.00	89.40	ug/L	89
06/16/93	LCSD	MSMSD2306160814		100.00	102.00	ug/L	102
06/22/93	LCS	MSMSD2306220822		100.00	100.00	ug/L	100
06/22/93	LCSD	MSMSD2306220822		100.00	103.00	ug/L	103
06/23/93	LCS	MSMSD2306230826		100.00	91.20	ug/L	91
06/23/93	LCSD	MSMSD2306230826		100.00	95.80	ug/L	96
06/24/93	LCS	MSMSD2306240908		100.00	91.20	ug/L	91
06/24/93	LCS	MSMSD2306240908		100.00	96.80	ug/L	97
06/24/93	LCSD	MSMSD2306240908		100.00	94.70	ug/L	95
06/24/93	LCSD	MSMSD2306240908		100.00	94.60	ug/L	95
08/07/93	LCS	MSMSD2308070819		100.00	82.90	ug/L	83

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Naphthalene continued							
Type of Spike : Laboratory Control							
08/07/93	LCSD	MSMSD2308070819		100.00	83.80	ug/L	84
09/24/93	LCS	MSMSD2309240819		100.00	95.00	ug/L	95
09/24/93	LCSD	MSMSD2309240819		100.00	94.40	ug/L	94
10/08/93	LCS	MSMSD2310080817		100.00	97.80	ug/L	98
10/08/93	LCSD	MSMSD2310080817		100.00	93.40	ug/L	93
10/11/93	LCS	MSMSD2310110812		100.00	99.90	ug/L	100
10/11/93	LCSD	MSMSD2310110812		100.00	94.30	ug/L	94
Number of Samples : 36			Below acceptance : 0				
Mean % Recovery : 92.6			Above acceptance : 0				
Standard Deviation : 5.99			Acceptance Criteria 21-133				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	78.20	ug/L	78
06/23/93	LCSD	MSMSD1306231041		100.00	79.80	ug/L	80
08/17/93	LCS	MSMSD1308171507		100.00	92.90	ug/L	93
08/17/93	LCSD	MSMSD1308171507		100.00	100.00	ug/L	100
08/25/93	LCS	MSMSD1308251013		100.00	89.80	ug/L	90
08/25/93	LCSD	MSMSD1308251013		100.00	78.20	ug/L	78
09/20/93	LCS	MSMSD1309201450		100.00	103.00	ug/L	103
09/20/93	LCSD	MSMSD1309201450		100.00	107.00	ug/L	107
09/23/93	LCS	MSMSD1309230953		100.00	106.00 *	ug/L	106
09/23/93	LCSD	MSMSD1309230953		100.00	108.00 *	ug/L	108
06/14/93	LCS	MSMSD2306140820		100.00	96.70	ug/L	97
06/14/93	LCS	MSMSD2306140820		100.00	103.00	ug/L	103
06/14/93	LCSD	MSMSD2306140820		100.00	98.50	ug/L	99
06/14/93	LCSD	MSMSD2306140820		100.00	92.10	ug/L	92
06/15/93	LCS	MSMSD2306150816		100.00	90.60	ug/L	91
06/15/93	LCS	MSMSD2306150816		100.00	90.60	ug/L	91
06/15/93	LCSD	MSMSD2306150816		100.00	96.50	ug/L	96
06/15/93	LCSD	MSMSD2306150816		100.00	96.50	ug/L	96
06/16/93	LCS	MSMSD2306160814		100.00	87.70	ug/L	88
06/16/93	LCSD	MSMSD2306160814		100.00	94.80	ug/L	95
06/22/93	LCS	MSMSD2306220822		100.00	103.00	ug/L	103
06/22/93	LCSD	MSMSD2306220822		100.00	105.00	ug/L	105
06/23/93	LCS	MSMSD2306230826		100.00	92.20	ug/L	92
06/23/93	LCSD	MSMSD2306230826		100.00	96.60	ug/L	97
06/24/93	LCS	MSMSD2306240908		100.00	96.50	ug/L	97
06/24/93	LCS	MSMSD2306240908		100.00	89.20	ug/L	89
06/24/93	LCSD	MSMSD2306240908		100.00	92.80	ug/L	93
06/24/93	LCSD	MSMSD2306240908		100.00	95.40	ug/L	95

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene continued							
Type of Spike : Laboratory Control							
08/07/93	LCS	MSMSD2308070819		100.00	82.10	ug/L	82
08/07/93	LCSD	MSMSD2308070819		100.00	83.00	ug/L	83
09/24/93	LCS	MSMSD2309240819		100.00	92.70	ug/L	93
09/24/93	LCSD	MSMSD2309240819		100.00	92.00	ug/L	92
10/08/93	LCS	MSMSD2310080817		100.00	96.90	ug/L	97
10/08/93	LCSD	MSMSD2310080817		100.00	94.00	ug/L	94
10/11/93	LCS	MSMSD2310110812		100.00	96.60	ug/L	97
10/11/93	LCSD	MSMSD2310110812		100.00	91.10	ug/L	91
Number of Samples : 36			Below acceptance : 0				
Mean % Recovery : 94.2			Above acceptance : 0				
Standard Deviation : 7.71			Acceptance Criteria 35-180				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Pentachlorophenol							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	63.80	ug/L	64
06/23/93	LCSD	MSMSD1306231041		100.00	63.90	ug/L	64
08/17/93	LCS	MSMSD1308171507		100.00	86.90	ug/L	87
08/17/93	LCSD	MSMSD1308171507		100.00	92.20	ug/L	92
08/25/93	LCS	MSMSD1308251013		100.00	74.30	ug/L	74
08/25/93	LCSD	MSMSD1308251013		100.00	67.80	ug/L	68
09/20/93	LCS	MSMSD1309201450		100.00	81.90	ug/L	82
09/20/93	LCSD	MSMSD1309201450		100.00	84.20	ug/L	84
09/23/93	LCS	MSMSD1309230953		100.00	63.90 *	ug/L	64
09/23/93	LCSD	MSMSD1309230953		100.00	65.10 *	ug/L	65
06/14/93	LCS	MSMSD2306140820		100.00	90.20	ug/L	90
06/14/93	LCS	MSMSD2306140820		100.00	91.50	ug/L	91
06/14/93	LCSD	MSMSD2306140820		100.00	87.70	ug/L	88
06/14/93	LCSD	MSMSD2306140820		100.00	85.00	ug/L	85
06/15/93	LCS	MSMSD2306150816		100.00	81.20	ug/L	81
06/15/93	LCS	MSMSD2306150816		100.00	81.20	ug/L	81
06/15/93	LCSD	MSMSD2306150816		100.00	90.40	ug/L	90
06/15/93	LCSD	MSMSD2306150816		100.00	90.40	ug/L	90
06/16/93	LCS	MSMSD2306160814		100.00	83.00	ug/L	83
06/16/93	LCSD	MSMSD2306160814		100.00	93.10	ug/L	93
06/22/93	LCS	MSMSD2306220822		100.00	90.50	ug/L	91
06/22/93	LCSD	MSMSD2306220822		100.00	96.80	ug/L	97
06/23/93	LCS	MSMSD2306230826		100.00	86.40	ug/L	86
06/23/93	LCSD	MSMSD2306230826		100.00	89.00	ug/L	89
06/24/93	LCS	MSMSD2306240908		100.00	85.20	ug/L	85
06/24/93	LCS	MSMSD2306240908		100.00	82.00	ug/L	82
06/24/93	LCSD	MSMSD2306240908		100.00	87.20	ug/L	87

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Pentachlorophenol continued							
Type of Spike : Laboratory Control							
06/24/93	LCSD	MSMSD2306240908		100.00	87.60	ug/L	88
08/07/93	LCS	MSMSD2308070819		100.00	69.30	ug/L	69
08/07/93	LCSD	MSMSD2308070819		100.00	63.10	ug/L	63
09/24/93	LCS	MSMSD2309240819		100.00	73.00	ug/L	73
09/24/93	LCSD	MSMSD2309240819		100.00	73.30	ug/L	73
10/08/93	LCS	MSMSD2310080817		100.00	64.60	ug/L	65
10/08/93	LCSD	MSMSD2310080817		100.00	63.90	ug/L	64
10/11/93	LCS	MSMSD2310110812		100.00	66.00	ug/L	66
10/11/93	LCSD	MSMSD2310110812		100.00	65.80	ug/L	66
Number of Samples : 36			Below acceptance : 0				
Mean % Recovery : 79.4			Above acceptance : 0				
Standard Deviation : 10.84			Acceptance Criteria 14-176				
Type of Spike : Matrix Spike							
09/20/93	06-MW-07-01 MS	MSMSD1309201450	ND	214.00	159.00	ug/L	74
09/20/93	06-MW-07-01 MSD	MSMSD1309201450	ND	196.00	143.00	ug/L	73
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	200.00	149.00	ug/L	75
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	200.00	150.00	ug/L	75
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	202.00	164.00	ug/L	81
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	202.00	157.00	ug/L	78
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	200.00	140.00	ug/L	70
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	200.00	140.00	ug/L	70
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 74.5			Above acceptance : 0				
Standard Deviation : 3.74			Acceptance Criteria 14-176				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenanthrene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	77.00	ug/L	77
06/23/93	LCSD	MSMSD1306231041		100.00	75.40	ug/L	75
08/17/93	LCS	MSMSD1308171507		100.00	85.20	ug/L	85
08/17/93	LCSD	MSMSD1308171507		100.00	86.00	ug/L	86
08/25/93	LCS	MSMSD1308251013		100.00	81.60	ug/L	82
08/25/93	LCSD	MSMSD1308251013		100.00	77.50	ug/L	78
09/20/93	LCS	MSMSD1309201450		100.00	87.60	ug/L	88
09/20/93	LCSD	MSMSD1309201450		100.00	91.40	ug/L	91
09/23/93	LCS	MSMSD1309230953		100.00	81.20 *	ug/L	81
09/23/93	LCSD	MSMSD1309230953		100.00	83.80 *	ug/L	84

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenanthrene continued							
Type of Spike : Laboratory Control							
06/14/93	LCS	MSMSD2306140820		100.00	89.30	ug/L	89
06/14/93	LCS	MSMSD2306140820		100.00	96.40	ug/L	96
06/14/93	LCSD	MSMSD2306140820		100.00	94.40	ug/L	94
06/14/93	LCSD	MSMSD2306140820		100.00	85.60	ug/L	86
06/15/93	LCS	MSMSD2306150816		100.00	84.60	ug/L	85
06/15/93	LCS	MSMSD2306150816		100.00	84.60	ug/L	85
06/15/93	LCSD	MSMSD2306150816		100.00	89.10	ug/L	89
06/15/93	LCSD	MSMSD2306150816		100.00	89.10	ug/L	89
06/16/93	LCS	MSMSD2306160814		100.00	85.30	ug/L	85
06/16/93	LCSD	MSMSD2306160814		100.00	90.30	ug/L	90
06/22/93	LCS	MSMSD2306220822		100.00	94.00	ug/L	94
06/22/93	LCSD	MSMSD2306220822		100.00	97.80	ug/L	98
06/23/93	LCS	MSMSD2306230826		100.00	88.10	ug/L	88
06/23/93	LCSD	MSMSD2306230826		100.00	91.50	ug/L	92
06/24/93	LCS	MSMSD2306240908		100.00	88.00	ug/L	88
06/24/93	LCS	MSMSD2306240908		100.00	91.00	ug/L	91
06/24/93	LCSD	MSMSD2306240908		100.00	90.40	ug/L	90
06/24/93	LCSD	MSMSD2306240908		100.00	90.00	ug/L	90
08/07/93	LCS	MSMSD2308070819		100.00	83.00	ug/L	83
08/07/93	LCSD	MSMSD2308070819		100.00	80.70	ug/L	81
09/24/93	LCS	MSMSD2309240819		100.00	92.80	ug/L	93
09/24/93	LCSD	MSMSD2309240819		100.00	94.00	ug/L	94
10/08/93	LCS	MSMSD2310080817		100.00	94.00	ug/L	94
10/08/93	LCSD	MSMSD2310080817		100.00	93.60	ug/L	94
10/11/93	LCS	MSMSD2310110812		100.00	98.50	ug/L	99
10/11/93	LCSD	MSMSD2310110812		100.00	92.60	ug/L	93

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 88.3	Above acceptance :	0
Standard Deviation	: 5.78	Acceptance Criteria	54-120

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	41.30	ug/L	41
06/23/93	LCSD	MSMSD1306231041		100.00	41.70	ug/L	42
08/17/93	LCS	MSMSD1308171507		100.00	45.30	ug/L	45
08/17/93	LCSD	MSMSD1308171507		100.00	47.00	ug/L	47
08/25/93	LCS	MSMSD1308251013		100.00	41.80	ug/L	42
08/25/93	LCSD	MSMSD1308251013		100.00	35.70	ug/L	36
09/20/93	LCS	MSMSD1309201450		100.00	45.40	ug/L	45
09/20/93	LCSD	MSMSD1309201450		100.00	49.20	ug/L	49
09/23/93	LCS	MSMSD1309230953		100.00	48.00 *	ug/L	48

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol continued							
Type of Spike : Laboratory Control							
09/23/93	LCSD	MSMSD1309230953		100.00	49.30 *	ug/L	49
06/14/93	LCS	MSMSD2306140820		100.00	45.10	ug/L	45
06/14/93	LCS	MSMSD2306140820		100.00	45.60	ug/L	46
06/14/93	LCSD	MSMSD2306140820		100.00	45.00	ug/L	45
06/14/93	LCSD	MSMSD2306140820		100.00	48.00	ug/L	48
06/15/93	LCS	MSMSD2306150816		100.00	44.60	ug/L	45
06/15/93	LCS	MSMSD2306150816		100.00	44.60	ug/L	45
06/15/93	LCSD	MSMSD2306150816		100.00	52.00	ug/L	52
06/15/93	LCSD	MSMSD2306150816		100.00	52.00	ug/L	52
06/16/93	LCS	MSMSD2306160814		100.00	40.50	ug/L	41
06/16/93	LCSD	MSMSD2306160814		100.00	50.40	ug/L	50
06/22/93	LCS	MSMSD2306220822		100.00	49.70	ug/L	50
06/22/93	LCSD	MSMSD2306220822		100.00	48.70	ug/L	49
06/23/93	LCS	MSMSD2306230826		100.00	38.70	ug/L	39
06/23/93	LCSD	MSMSD2306230826		100.00	42.10	ug/L	42
06/24/93	LCS	MSMSD2306240908		100.00	43.70	ug/L	44
06/24/93	LCS	MSMSD2306240908		100.00	46.60	ug/L	47
06/24/93	LCSD	MSMSD2306240908		100.00	43.40	ug/L	43
06/24/93	LCSD	MSMSD2306240908		100.00	41.00	ug/L	41
08/07/93	LCS	MSMSD2308070819		100.00	44.80	ug/L	45
08/07/93	LCSD	MSMSD2308070819		100.00	39.90	ug/L	40
09/24/93	LCS	MSMSD2309240819		100.00	52.30	ug/L	52
09/24/93	LCSD	MSMSD2309240819		100.00	51.40	ug/L	51
10/08/93	LCS	MSMSD2310080817		100.00	47.70	ug/L	48
10/08/93	LCSD	MSMSD2310080817		100.00	47.70	ug/L	48
10/11/93	LCS	MSMSD2310110812		100.00	54.00	ug/L	54
10/11/93	LCSD	MSMSD2310110812		100.00	52.80	ug/L	53

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 46.1	Above acceptance :	0
Standard Deviation	: 4.31	Acceptance Criteria	5-112

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Pyrene							
Type of Spike : Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	82.40	ug/L	82
06/23/93	LCSD	MSMSD1306231041		100.00	85.20	ug/L	85
08/17/93	LCS	MSMSD1308171507		100.00	90.90	ug/L	91
08/17/93	LCSD	MSMSD1308171507		100.00	90.30	ug/L	90
08/25/93	LCS	MSMSD1308251013		100.00	89.30	ug/L	89
08/25/93	LCSD	MSMSD1308251013		100.00	79.90	ug/L	80
09/20/93	LCS	MSMSD1309201450		100.00	96.60	ug/L	97
09/20/93	LCSD	MSMSD1309201450		100.00	99.40	ug/L	99

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Pyrene continued							
Type of Spike : Laboratory Control							
09/23/93	LCS	MSMSD1309230953		100.00	91.60 *	ug/L	92
09/23/93	LCSD	MSMSD1309230953		100.00	94.90 *	ug/L	95
06/14/93	LCS	MSMSD2306140820		100.00	90.60	ug/L	91
06/14/93	LCS	MSMSD2306140820		100.00	96.00	ug/L	96
06/14/93	LCSD	MSMSD2306140820		100.00	94.50	ug/L	95
06/14/93	LCSD	MSMSD2306140820		100.00	87.40	ug/L	87
06/15/93	LCS	MSMSD2306150816		100.00	81.70	ug/L	82
06/15/93	LCS	MSMSD2306150816		100.00	81.70	ug/L	82
06/15/93	LCSD	MSMSD2306150816		100.00	89.10	ug/L	89
06/15/93	LCSD	MSMSD2306150816		100.00	89.10	ug/L	89
06/16/93	LCS	MSMSD2306160814		100.00	86.90	ug/L	87
06/16/93	LCSD	MSMSD2306160814		100.00	93.40	ug/L	93
06/22/93	LCS	MSMSD2306220822		100.00	99.80	ug/L	100
06/22/93	LCSD	MSMSD2306220822		100.00	100.00	ug/L	100
06/23/93	LCS	MSMSD2306230826		100.00	87.10	ug/L	87
06/23/93	LCSD	MSMSD2306230826		100.00	90.10	ug/L	90
06/24/93	LCS	MSMSD2306240908		100.00	88.70	ug/L	89
06/24/93	LCS	MSMSD2306240908		100.00	90.50	ug/L	90
06/24/93	LCSD	MSMSD2306240908		100.00	91.90	ug/L	92
06/24/93	LCSD	MSMSD2306240908		100.00	91.50	ug/L	92
08/07/93	LCS	MSMSD2308070819		100.00	87.70	ug/L	88
08/07/93	LCSD	MSMSD2308070819		100.00	85.30	ug/L	85
09/24/93	LCS	MSMSD2309240819		100.00	101.00	ug/L	101
09/24/93	LCSD	MSMSD2309240819		100.00	103.00	ug/L	103
10/08/93	LCS	MSMSD2310080817		100.00	98.80	ug/L	99
10/08/93	LCSD	MSMSD2310080817		100.00	100.00	ug/L	100
10/11/93	LCS	MSMSD2310110812		100.00	103.00	ug/L	103
10/11/93	LCSD	MSMSD2310110812		100.00	102.00	ug/L	102

Number of Samples	: 36	Below acceptance :	0
Mean % Recovery	: 92.0	Above acceptance :	0
Standard Deviation	: 6.45	Acceptance Criteria	52-115

Type of Spike : Matrix Spike

09/20/93	06-MW-07-01 MS	MSMSD1309201450	ND	107.00	82.40	ug/L	77
09/20/93	06-MW-07-01 MSD	MSMSD1309201450	ND	98.00	74.10	ug/L	76
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	87.10	ug/L	87
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	87.10	ug/L	87
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	81.10	ug/L	80
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	81.40	ug/L	81
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	93.40	ug/L	93
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	92.40	ug/L	92

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : Pyrene continued

Type of Spike : Matrix Spike

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 84.1	Above acceptance :	0
Standard Deviation	: 6.56	Acceptance Criteria	52-115

Method : SW8270 - Semivolatile Organics
Spiked Analyte : bis(2-Chloroethoxy)methane

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	LCS	MSMSD1306231041		100.00	77.00	ug/L	77
06/23/93	LCSD	MSMSD1306231041		100.00	77.30	ug/L	77
08/17/93	LCS	MSMSD1308171507		100.00	93.10	ug/L	93
08/17/93	LCSD	MSMSD1308171507		100.00	99.70	ug/L	100
08/25/93	LCS	MSMSD1308251013		100.00	90.60	ug/L	91
08/25/93	LCSD	MSMSD1308251013		100.00	79.70	ug/L	80
09/20/93	LCS	MSMSD1309201450		100.00	102.00	ug/L	102
09/20/93	LCSD	MSMSD1309201450		100.00	108.00	ug/L	108
09/23/93	LCS	MSMSD1309230953		100.00	101.00 *	ug/L	101
09/23/93	LCSD	MSMSD1309230953		100.00	105.00 *	ug/L	105
06/14/93	LCS	MSMSD2306140820		100.00	91.20	ug/L	91
06/14/93	LCS	MSMSD2306140820		100.00	96.60	ug/L	97
06/14/93	LCSD	MSMSD2306140820		100.00	94.10	ug/L	94
06/14/93	LCSD	MSMSD2306140820		100.00	85.10	ug/L	85
06/15/93	LCS	MSMSD2306150816		100.00	84.70	ug/L	85
06/15/93	LCS	MSMSD2306150816		100.00	84.70	ug/L	85
06/15/93	LCSD	MSMSD2306150816		100.00	90.30	ug/L	90
06/15/93	LCSD	MSMSD2306150816		100.00	90.30	ug/L	90
06/16/93	LCS	MSMSD2306160814		100.00	81.80	ug/L	82
06/16/93	LCSD	MSMSD2306160814		100.00	89.20	ug/L	89
06/22/93	LCS	MSMSD2306220822		100.00	99.10	ug/L	99
06/22/93	LCSD	MSMSD2306220822		100.00	101.00	ug/L	101
06/23/93	LCS	MSMSD2306230826		100.00	84.80	ug/L	85
06/23/93	LCSD	MSMSD2306230826		100.00	89.30	ug/L	89
06/24/93	LCS	MSMSD2306240908		100.00	91.20	ug/L	91
06/24/93	LCS	MSMSD2306240908		100.00	85.80	ug/L	86
06/24/93	LCSD	MSMSD2306240908		100.00	86.90	ug/L	87
06/24/93	LCSD	MSMSD2306240908		100.00	89.30	ug/L	89
08/07/93	LCS	MSMSD2308070819		100.00	82.10	ug/L	82
08/07/93	LCSD	MSMSD2308070819		100.00	82.40	ug/L	82
09/24/93	LCS	MSMSD2309240819		100.00	94.60	ug/L	95
09/24/93	LCSD	MSMSD2309240819		100.00	96.00	ug/L	96
10/08/93	LCS	MSMSD2310080817		100.00	99.40	ug/L	99
10/08/93	LCSD	MSMSD2310080817		100.00	96.90	ug/L	97
10/11/93	LCS	MSMSD2310110812		100.00	100.00	ug/L	100
10/11/93	LCSD	MSMSD2310110812		100.00	95.80	ug/L	96

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : bis(2-Chloroethoxy)methane continued

Type of Spike : Laboratory Control

Number of Samples	: 36	Below acceptance :	0	
Mean % Recovery	: 91.6	Above acceptance :	0	
Standard Deviation	: 7.91	Acceptance Criteria	33-184	

Method : SW8270 - Semivolatile Organics
Spiked Analyte : bis(2-Chloroethyl)ether

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	LCS	MSMSD1306231041		100.00	66.50	ug/L	67
06/23/93	LCSD	MSMSD1306231041		100.00	69.40	ug/L	69
08/17/93	LCS	MSMSD1308171507		100.00	76.80	ug/L	77
08/17/93	LCSD	MSMSD1308171507		100.00	79.40	ug/L	79
08/25/93	LCS	MSMSD1308251013		100.00	73.40	ug/L	73
08/25/93	LCSD	MSMSD1308251013		100.00	66.80	ug/L	67
09/20/93	LCS	MSMSD1309201450		100.00	84.50	ug/L	84
09/20/93	LCSD	MSMSD1309201450		100.00	94.40	ug/L	94
09/23/93	LCS	MSMSD1309230953		100.00	80.00 *	ug/L	80
09/23/93	LCSD	MSMSD1309230953		100.00	78.60 *	ug/L	79
06/14/93	LCS	MSMSD2306140820		100.00	89.20	ug/L	89
06/14/93	LCS	MSMSD2306140820		100.00	92.30	ug/L	92
06/14/93	LCSD	MSMSD2306140820		100.00	87.70	ug/L	88
06/14/93	LCSD	MSMSD2306140820		100.00	90.40	ug/L	90
06/15/93	LCS	MSMSD2306150816		100.00	81.90	ug/L	82
06/15/93	LCS	MSMSD2306150816		100.00	81.90	ug/L	82
06/15/93	LCSD	MSMSD2306150816		100.00	87.00	ug/L	87
06/15/93	LCSD	MSMSD2306150816		100.00	87.00	ug/L	87
06/16/93	LCS	MSMSD2306160814		100.00	79.30	ug/L	79
06/16/93	LCSD	MSMSD2306160814		100.00	82.50	ug/L	83
06/22/93	LCS	MSMSD2306220822		100.00	99.70	ug/L	100
06/22/93	LCSD	MSMSD2306220822		100.00	102.00	ug/L	102
06/23/93	LCS	MSMSD2306230826		100.00	83.30	ug/L	83
06/23/93	LCSD	MSMSD2306230826		100.00	88.00	ug/L	88
06/24/93	LCS	MSMSD2306240908		100.00	88.80	ug/L	89
06/24/93	LCS	MSMSD2306240908		100.00	87.80	ug/L	88
06/24/93	LCSD	MSMSD2306240908		100.00	86.60	ug/L	87
06/24/93	LCSD	MSMSD2306240908		100.00	86.30	ug/L	86
08/07/93	LCS	MSMSD2308070819		100.00	79.70	ug/L	80
08/07/93	LCSD	MSMSD2308070819		100.00	78.00	ug/L	78
09/24/93	LCS	MSMSD2309240819		100.00	90.70	ug/L	91
09/24/93	LCSD	MSMSD2309240819		100.00	92.70	ug/L	93
10/08/93	LCS	MSMSD2310080817		100.00	91.80	ug/L	92
10/08/93	LCSD	MSMSD2310080817		100.00	91.80	ug/L	92
10/11/93	LCS	MSMSD2310110812		100.00	93.70	ug/L	94
10/11/93	LCSD	MSMSD2310110812		100.00	90.80	ug/L	91

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : bis(2-Chloroethyl)ether continued

Type of Spike : Laboratory Control

Number of Samples	: 36	Below acceptance :	0	
Mean % Recovery	: 85.1	Above acceptance :	0	
Standard Deviation	: 8.28	Acceptance Criteria	12-158	

Method : SW8270 - Semivolatile Organics
Spiked Analyte : bis(2-Chloroisopropyl)ether

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	LCS	MSMSD1306231041		100.00	64.60	ug/L	65
06/23/93	LCSD	MSMSD1306231041		100.00	67.60	ug/L	68
08/17/93	LCS	MSMSD1308171507		100.00	90.50	ug/L	91
08/17/93	LCSD	MSMSD1308171507		100.00	96.50	ug/L	97
08/25/93	LCS	MSMSD1308251013		100.00	77.50	ug/L	78
08/25/93	LCSD	MSMSD1308251013		100.00	68.80	ug/L	69
09/20/93	LCS	MSMSD1309201450		100.00	122.00	ug/L	122
09/20/93	LCSD	MSMSD1309201450		100.00	135.00	ug/L	135
09/23/93	LCS	MSMSD1309230953		100.00	100.00 *	ug/L	100
09/23/93	LCSD	MSMSD1309230953		100.00	114.00 *	ug/L	114
06/14/93	LCS	MSMSD2306140820		100.00	88.10	ug/L	88
06/14/93	LCS	MSMSD2306140820		100.00	94.80	ug/L	95
06/14/93	LCSD	MSMSD2306140820		100.00	89.20	ug/L	89
06/14/93	LCSD	MSMSD2306140820		100.00	89.90	ug/L	90
06/15/93	LCS	MSMSD2306150816		100.00	85.00	ug/L	85
06/15/93	LCS	MSMSD2306150816		100.00	85.00	ug/L	85
06/15/93	LCSD	MSMSD2306150816		100.00	88.40	ug/L	88
06/15/93	LCSD	MSMSD2306150816		100.00	88.40	ug/L	88
06/16/93	LCS	MSMSD2306160814		100.00	77.80	ug/L	78
06/16/93	LCSD	MSMSD2306160814		100.00	83.30	ug/L	83
06/22/93	LCS	MSMSD2306220822		100.00	102.00	ug/L	102
06/22/93	LCSD	MSMSD2306220822		100.00	104.00	ug/L	104
06/23/93	LCS	MSMSD2306230826		100.00	83.70	ug/L	84
06/23/93	LCSD	MSMSD2306230826		100.00	89.80	ug/L	90
06/24/93	LCS	MSMSD2306240908		100.00	86.20	ug/L	86
06/24/93	LCS	MSMSD2306240908		100.00	87.70	ug/L	88
06/24/93	LCSD	MSMSD2306240908		100.00	84.20	ug/L	84
06/24/93	LCSD	MSMSD2306240908		100.00	87.00	ug/L	87
08/07/93	LCS	MSMSD2308070819		100.00	77.90	ug/L	78
08/07/93	LCSD	MSMSD2308070819		100.00	76.10	ug/L	76
09/24/93	LCS	MSMSD2309240819		100.00	99.60	ug/L	100
09/24/93	LCSD	MSMSD2309240819		100.00	98.40	ug/L	98
10/08/93	LCS	MSMSD2310080817		100.00	104.00	ug/L	104
10/08/93	LCSD	MSMSD2310080817		100.00	101.00	ug/L	101
10/11/93	LCS	MSMSD2310110812		100.00	101.00	ug/L	101
10/11/93	LCSD	MSMSD2310110812		100.00	98.30	ug/L	98

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : bis(2-Chloroisopropyl)ether continued

Type of Spike : Laboratory Control

Number of Samples	: 36	Below acceptance :	0	
Mean % Recovery	: 91.4	Above acceptance :	0	
Standard Deviation	: 14.27	Acceptance Criteria	36-166	

Method : SW8270 - Semivolatile Organics
Spiked Analyte : bis(2-Ethylhexyl)phthalate

Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	LCS	MSMSD1306231041		100.00	82.80	ug/L	83
06/23/93	LCSD	MSMSD1306231041		100.00	82.80	ug/L	83
08/17/93	LCS	MSMSD1308171507		100.00	85.70	ug/L	86
08/17/93	LCSD	MSMSD1308171507		100.00	90.00	ug/L	90
08/25/93	LCS	MSMSD1308251013		100.00	88.50	ug/L	89
08/25/93	LCSD	MSMSD1308251013		100.00	79.70	ug/L	80
09/20/93	LCS	MSMSD1309201450		100.00	87.50	ug/L	88
09/20/93	LCSD	MSMSD1309201450		100.00	91.60	ug/L	92
09/23/93	LCS	MSMSD1309230953		100.00	83.40 *	ug/L	83
09/23/93	LCSD	MSMSD1309230953		100.00	91.60 *	ug/L	92
06/14/93	LCS	MSMSD2306140820		100.00	100.00	ug/L	100
06/14/93	LCS	MSMSD2306140820		100.00	108.00	ug/L	108
06/14/93	LCSD	MSMSD2306140820		100.00	106.00	ug/L	106
06/14/93	LCSD	MSMSD2306140820		100.00	104.00	ug/L	104
06/15/93	LCS	MSMSD2306150816		100.00	93.10	ug/L	93
06/15/93	LCS	MSMSD2306150816		100.00	93.10	ug/L	93
06/15/93	LCSD	MSMSD2306150816		100.00	94.70	ug/L	95
06/15/93	LCSD	MSMSD2306150816		100.00	94.70	ug/L	95
06/16/93	LCS	MSMSD2306160814		100.00	104.00	ug/L	104
06/16/93	LCSD	MSMSD2306160814		100.00	104.00	ug/L	104
06/22/93	LCS	MSMSD2306220822		100.00	113.00	ug/L	113
06/22/93	LCSD	MSMSD2306220822		100.00	110.00	ug/L	110
06/23/93	LCS	MSMSD2306230826		100.00	96.60	ug/L	97
06/23/93	LCSD	MSMSD2306230826		100.00	100.00	ug/L	100
06/24/93	LCS	MSMSD2306240908		100.00	91.80	ug/L	92
06/24/93	LCS	MSMSD2306240908		100.00	95.20	ug/L	95
06/24/93	LCSD	MSMSD2306240908		100.00	96.80	ug/L	97
06/24/93	LCSD	MSMSD2306240908		100.00	97.30	ug/L	97
08/07/93	LCS	MSMSD2308070819		100.00	85.70	ug/L	86
08/07/93	LCSD	MSMSD2308070819		100.00	84.20	ug/L	84
09/24/93	LCS	MSMSD2309240819		100.00	98.40	ug/L	98
09/24/93	LCSD	MSMSD2309240819		100.00	101.00	ug/L	101
10/08/93	LCS	MSMSD2310080817		100.00	99.40	ug/L	99
10/08/93	LCSD	MSMSD2310080817		100.00	100.00	ug/L	100
10/11/93	LCS	MSMSD2310110812		100.00	103.00	ug/L	103
10/11/93	LCSD	MSMSD2310110812		100.00	98.20	ug/L	98

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : bis(2-Ethylhexyl)phthalate continued							
Type of Spike : Laboratory Control							
Number of Samples : 36			Below acceptance : 0				
Mean % Recovery : 95.5			Above acceptance : 0				
Standard Deviation : 8.24			Acceptance Criteria 8-158				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol							
Type of Spike : Surrogate - Field Duplicate							
09/20/93	06-MW-07-DS-01	MSMSD1309201450		196.00	225.00	ug/L	115
06/14/93	12-MW-02-DS-03	MSMSD2306140820		200.00	166.00	ug/L	83
06/15/93	07-MW-02-DS-03	MSMSD2306150816		207.00	181.00	ug/L	87
06/23/93	05-MW-03-DS-03	MSMSD2306230826		200.00	177.00	ug/L	89
09/24/93	05-MW-14-DS-01	MSMSD2309240819		200.00	162.00	ug/L	81
10/08/93	08-SW-01-DS-01	MSMSD2310080817		200.00	168.00	ug/L	84
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 89.8			Above acceptance : 0				
Standard Deviation : 12.66			Acceptance Criteria 10-123				
Type of Spike : Surrogate - Laboratory Control							
06/23/93	LCS	MSMSD1306231041		200.00	200.00	ug/L	100
06/23/93	LCSD	MSMSD1306231041		200.00	211.00	ug/L	105
08/17/93	LCS	MSMSD1308171507		200.00	198.00	ug/L	99
08/17/93	LCSD	MSMSD1308171507		200.00	225.00	ug/L	112
08/25/93	LCS	MSMSD1308251013		200.00	195.00	ug/L	97
08/25/93	LCSD	MSMSD1308251013		200.00	178.00	ug/L	89
09/20/93	LCS	MSMSD1309201450		200.00	241.00	ug/L	121
09/20/93	LCSD	MSMSD1309201450		200.00	229.00	ug/L	114
09/23/93	LCS	MSMSD1309230953		200.00	193.00 *	ug/L	96
09/23/93	LCSD	MSMSD1309230953		200.00	201.00 *	ug/L	100
06/14/93	LCS	MSMSD2306140820		200.00	186.00	ug/L	93
06/14/93	LCS	MSMSD2306140820		200.00	202.00	ug/L	101
06/14/93	LCSD	MSMSD2306140820		200.00	195.00	ug/L	98
06/14/93	LCSD	MSMSD2306140820		200.00	172.00	ug/L	86
06/15/93	LCS	MSMSD2306150816		200.00	176.00	ug/L	88
06/15/93	LCS	MSMSD2306150816		200.00	176.00	ug/L	88
06/15/93	LCSD	MSMSD2306150816		200.00	185.00	ug/L	93
06/15/93	LCSD	MSMSD2306150816		200.00	185.00	ug/L	93
06/16/93	LCS	MSMSD2306160814		200.00	171.00	ug/L	86
06/16/93	LCSD	MSMSD2306160814		200.00	182.00	ug/L	91
06/22/93	LCS	MSMSD2306220822		200.00	193.00	ug/L	96
06/22/93	LCSD	MSMSD2306220822		200.00	209.00	ug/L	105

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol continued							
Type of Spike : Surrogate - Laboratory Control							
06/23/93	LCS	MSMSD2306230826		200.00	198.00	ug/L	99
06/23/93	LCSD	MSMSD2306230826		200.00	198.00	ug/L	99
06/24/93	LCS	MSMSD2306240908		200.00	195.00	ug/L	97
06/24/93	LCS	MSMSD2306240908		200.00	209.00	ug/L	105
06/24/93	LCSD	MSMSD2306240908		200.00	203.00	ug/L	101
06/24/93	LCSD	MSMSD2306240908		200.00	198.00	ug/L	99
08/07/93	LCS	MSMSD2308070819		200.00	145.00	ug/L	73
09/24/93	LCS	MSMSD2309240819		200.00	154.00	ug/L	77
09/24/93	LCSD	MSMSD2309240819		200.00	154.00	ug/L	77
10/08/93	LCS	MSMSD2310080817		200.00	165.00	ug/L	82
10/08/93	LCSD	MSMSD2310080817		200.00	170.00	ug/L	85
10/11/93	LCS	MSMSD2310110812		200.00	162.00	ug/L	81
10/11/93	LCSD	MSMSD2310110812		200.00	158.00	ug/L	79
Number of Samples : 35			Below acceptance : 0				
Mean % Recovery : 94.4			Above acceptance : 0				
Standard Deviation : 10.84			Acceptance Criteria 10-123				
Type of Spike : Surrogate - Normal Sample							
06/23/93	05-MW-01-03	MSMSD1306231041		204.00	194.00	ug/L	95
06/23/93	05-MW-02-03	MSMSD1306231041		204.00	185.00	ug/L	91
06/23/93	05-MW-04-03	MSMSD1306231041		205.00	151.00	ug/L	73
06/23/93	05-MW-06-03	MSMSD1306231041		204.00	213.00	ug/L	104
08/17/93	07-MW-01-03	MSMSD1308171507		222.00	218.00	ug/L	98
08/18/93	07-MW-03-03	MSMSD1308171507		217.00	226.00	ug/L	104
08/25/93	07-SW-03-01	MSMSD1308251013		199.00	194.00	ug/L	97
08/25/93	07-SW-04-01	MSMSD1308251013		200.00	192.00	ug/L	96
08/25/93	07-SW-05-01	MSMSD1308251013		222.00	233.00	ug/L	105
08/25/93	07-SW-06-01	MSMSD1308251013		215.00	212.00	ug/L	98
08/26/93	07-SW-07-01	MSMSD1308251013		219.00	221.00	ug/L	101
09/20/93	05-MW-13-01	MSMSD1309201450		202.00	240.00	ug/L	119
09/20/93	06-MW-07-01	MSMSD1309201450		200.00	200.00	ug/L	100
09/20/93	10-MW-04-01	MSMSD1309201450		204.00	223.00	ug/L	110
09/23/93	05-MW-15-01	MSMSD1309230953		196.00	196.00	ug/L	100
09/23/93	09-MW-15-01	MSMSD1309230953		211.00	217.00	ug/L	103
06/14/93	04-MW-02-03	MSMSD2306140820		200.00	182.00	ug/L	91
06/14/93	04-MW-03-03	MSMSD2306140820		200.00	177.00	ug/L	88
06/14/93	10-MW-03-03	MSMSD2306140820		198.00	173.00	ug/L	88
06/14/93	12-MW-01-03	MSMSD2306140820		200.00	176.00	ug/L	88
06/14/93	12-MW-02-03	MSMSD2306140820		198.00	172.00	ug/L	87
06/15/93	06-MW-03-03	MSMSD2306150816		198.00	167.00	ug/L	84
06/15/93	07-MW-02-03	MSMSD2306150816		200.00	173.00	ug/L	87
06/15/93	10-MW-01-03	MSMSD2306150816		202.00	145.00	ug/L	72
06/15/93	10-MW-02-03	MSMSD2306150816		202.00	162.00	ug/L	80

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol continued							
Type of Spike : Surrogate - Normal Sample							
06/22/93	06-MW-01-03	MSMSD2306220822		211.00	192.00	ug/L	91
06/22/93	06-MW-02-03	MSMSD2306220822		214.00	181.00	ug/L	85
06/22/93	06-MW-04-03	MSMSD2306220822		208.00	184.00	ug/L	88
06/22/93	09-MW-01-03	MSMSD2306220822		199.00	177.00	ug/L	89
06/22/93	09-MW-02-03	MSMSD2306220822		200.00	176.00	ug/L	88
06/22/93	09-MW-03-03	MSMSD2306220822		200.00	178.00	ug/L	89
06/22/93	09-MW-04-03	MSMSD2306220822		201.00	182.00	ug/L	90
06/22/93	09-MW-05-03	MSMSD2306220822		211.00	183.00	ug/L	87
06/22/93	09-MW-06-03	MSMSD2306220822		211.00	195.00	ug/L	93
06/23/93	05-MW-03-03	MSMSD2306230826		203.00	176.00	ug/L	87
06/24/93	05-MW-05-03	MSMSD2306240908		199.00	182.00	ug/L	91
08/07/93	07-MW-04-03	MSMSD2308070819		197.00	147.00	ug/L	74
09/24/93	05-MW-14-01	MSMSD2309240819		200.00	156.00	ug/L	78
10/08/93	08-SW-01-01	MSMSD2310080817		194.00	155.00	ug/L	80
10/08/93	08-SW-02-01	MSMSD2310080817		194.00	161.00	ug/L	83
10/08/93	08-SW-03-01	MSMSD2310080817		202.00	167.00	ug/L	83
10/08/93	22-GP-01-01	MSMSD2310080817		211.00	149.00	ug/L	71
10/08/93	22-GP-02-01	MSMSD2310080817		204.00	171.00	ug/L	84
10/08/93	22-GP-03-01	MSMSD2310080817		204.00	154.00	ug/L	76
10/11/93	08-GP-01-01	MSMSD2310110812		196.00	133.00	ug/L	68
10/11/93	08-GP-02-01	MSMSD2310110812		198.00	136.00	ug/L	69
10/11/93	08-GP-03-01	MSMSD2310110812		192.00	137.00	ug/L	71
Number of Samples : 47			Below acceptance : 0				
Mean % Recovery : 88.8			Above acceptance : 0				
Standard Deviation : 11.27			Acceptance Criteria 10-123				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorobiphenyl							
Type of Spike : Surrogate - Field Duplicate							
09/20/93	06-MW-07-DS-01	MSMSD1309201450		98.00	81.70	ug/L	83
06/14/93	12-MW-02-DS-03	MSMSD2306140820		100.00	92.30	ug/L	92
06/15/93	07-MW-02-DS-03	MSMSD2306150816		104.00	93.80	ug/L	90
06/23/93	05-MW-03-DS-03	MSMSD2306230826		100.00	78.90	ug/L	79
09/24/93	05-MW-14-DS-01	MSMSD2309240819		100.00	87.80	ug/L	88
10/08/93	08-SW-01-DS-01	MSMSD2310080817		100.00	95.60	ug/L	96
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 88.0			Above acceptance : 0				
Standard Deviation : 6.16			Acceptance Criteria 43-116				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorobiphenyl continued							
Type of Spike : Surrogate - Laboratory Control							
Type of Spike : Surrogate - Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	84.00	ug/L	84
06/23/93	LCSD	MSMSD1306231041		100.00	86.20	ug/L	86
08/17/93	LCS	MSMSD1308171507		100.00	85.90	ug/L	86
08/17/93	LCSD	MSMSD1308171507		100.00	88.80	ug/L	89
08/25/93	LCS	MSMSD1308251013		100.00	91.40	ug/L	91
08/25/93	LCSD	MSMSD1308251013		100.00	80.00	ug/L	80
09/20/93	LCS	MSMSD1309201450		100.00	90.90	ug/L	91
09/20/93	LCSD	MSMSD1309201450		100.00	83.70	ug/L	84
09/23/93	LCS	MSMSD1309230953		100.00	84.50 *	ug/L	84
09/23/93	LCSD	MSMSD1309230953		100.00	89.60 *	ug/L	90
06/14/93	LCS	MSMSD2306140820		100.00	91.30	ug/L	91
06/14/93	LCS	MSMSD2306140820		100.00	101.00	ug/L	101
06/14/93	LCSD	MSMSD2306140820		100.00	94.70	ug/L	95
06/14/93	LCSD	MSMSD2306140820		100.00	84.50	ug/L	84
06/15/93	LCS	MSMSD2306150816		100.00	85.30	ug/L	85
06/15/93	LCS	MSMSD2306150816		100.00	85.30	ug/L	85
06/15/93	LCSD	MSMSD2306150816		100.00	92.60	ug/L	93
06/15/93	LCSD	MSMSD2306150816		100.00	92.60	ug/L	93
06/16/93	LCS	MSMSD2306160814		100.00	84.10	ug/L	84
06/16/93	LCSD	MSMSD2306160814		100.00	92.00	ug/L	92
06/22/93	LCS	MSMSD2306220822		100.00	87.50	ug/L	88
06/22/93	LCSD	MSMSD2306220822		100.00	95.20	ug/L	95
06/23/93	LCS	MSMSD2306230826		100.00	93.50	ug/L	94
06/23/93	LCSD	MSMSD2306230826		100.00	95.90	ug/L	96
06/24/93	LCS	MSMSD2306240908		100.00	92.60	ug/L	93
06/24/93	LCS	MSMSD2306240908		100.00	98.70	ug/L	99
06/24/93	LCSD	MSMSD2306240908		100.00	85.20	ug/L	85
06/24/93	LCSD	MSMSD2306240908		100.00	94.60	ug/L	95
08/07/93	LCS	MSMSD2308070819		100.00	78.20	ug/L	78
09/24/93	LCS	MSMSD2309240819		100.00	90.40	ug/L	90
09/24/93	LCSD	MSMSD2309240819		100.00	90.00	ug/L	90
10/08/93	LCS	MSMSD2310080817		100.00	79.60	ug/L	80
10/08/93	LCSD	MSMSD2310080817		100.00	86.30	ug/L	86
10/11/93	LCS	MSMSD2310110812		100.00	94.60	ug/L	95
10/11/93	LCSD	MSMSD2310110812		100.00	93.70	ug/L	94

Number of Samples	: 35	Below acceptance :	0
Mean % Recovery	: 89.3	Above acceptance :	0
Standard Deviation	: 5.53	Acceptance Criteria	43-116

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : 2-Fluorobiphenyl continued

Type of Spike : Surrogate - Normal Sample

Type of Spike : Surrogate - Normal Sample

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	05-MW-01-03	MSMSD1306231041		102.00	85.60	ug/L	84
06/23/93	05-MW-02-03	MSMSD1306231041		102.00	84.90	ug/L	83
06/23/93	05-MW-04-03	MSMSD1306231041		103.00	69.70	ug/L	68
06/23/93	05-MW-06-03	MSMSD1306231041		102.00	91.50	ug/L	90
08/17/93	07-MW-01-03	MSMSD1308171507		111.00	94.50	ug/L	85
08/18/93	07-MW-03-03	MSMSD1308171507		109.00	96.00	ug/L	88
08/25/93	07-SW-03-01	MSMSD1308251013		99.50	85.70	ug/L	86
08/25/93	07-SW-04-01	MSMSD1308251013		100.00	81.90	ug/L	82
08/25/93	07-SW-05-01	MSMSD1308251013		111.00	99.60	ug/L	90
08/25/93	07-SW-06-01	MSMSD1308251013		108.00	90.00	ug/L	84
08/26/93	07-SW-07-01	MSMSD1308251013		109.00	94.10	ug/L	86
09/20/93	05-MW-13-01	MSMSD1309201450		101.00	88.20	ug/L	87
09/20/93	06-MW-07-01	MSMSD1309201450		100.00	76.50	ug/L	76
09/20/93	10-MW-04-01	MSMSD1309201450		102.00	76.00	ug/L	74
09/23/93	05-MW-15-01	MSMSD1309230953		98.00	86.50	ug/L	88
09/23/93	09-MW-15-01	MSMSD1309230953		105.00	95.30	ug/L	90
06/14/93	04-MW-02-03	MSMSD2306140820		100.00	95.50	ug/L	96
06/14/93	04-MW-03-03	MSMSD2306140820		100.00	96.30	ug/L	96
06/14/93	10-MW-03-03	MSMSD2306140820		99.00	90.00	ug/L	91
06/14/93	12-MW-01-03	MSMSD2306140820		100.00	93.80	ug/L	94
06/14/93	12-MW-02-03	MSMSD2306140820		99.00	91.20	ug/L	92
06/15/93	06-MW-03-03	MSMSD2306150816		99.00	84.30	ug/L	85
06/15/93	07-MW-02-03	MSMSD2306150816		100.00	89.50	ug/L	90
06/15/93	10-MW-01-03	MSMSD2306150816		101.00	81.70	ug/L	81
06/15/93	10-MW-02-03	MSMSD2306150816		101.00	85.80	ug/L	85
06/22/93	06-MW-01-03	MSMSD2306220822		105.00	96.10	ug/L	91
06/22/93	06-MW-02-03	MSMSD2306220822		107.00	90.00	ug/L	84
06/22/93	06-MW-04-03	MSMSD2306220822		104.00	91.60	ug/L	88
06/22/93	09-MW-01-03	MSMSD2306220822		99.50	88.60	ug/L	89
06/22/93	09-MW-02-03	MSMSD2306220822		100.00	89.40	ug/L	89
06/22/93	09-MW-03-03	MSMSD2306220822		100.00	90.20	ug/L	90
06/22/93	09-MW-04-03	MSMSD2306220822		101.00	90.10	ug/L	90
06/22/93	09-MW-05-03	MSMSD2306220822		105.00	93.20	ug/L	89
06/22/93	09-MW-06-03	MSMSD2306220822		105.00	96.50	ug/L	92
06/23/93	05-MW-03-03	MSMSD2306230826		102.00	81.40	ug/L	80
06/24/93	05-MW-05-03	MSMSD2306240908		99.50	75.30	ug/L	76
08/07/93	07-MW-04-03	MSMSD2308070819		98.50	78.70	ug/L	80
09/24/93	05-MW-14-01	MSMSD2309240819		100.00	85.20	ug/L	85
10/08/93	08-SW-01-01	MSMSD2310080817		97.10	90.30	ug/L	93
10/08/93	08-SW-02-01	MSMSD2310080817		97.10	88.60	ug/L	91
10/08/93	08-SW-03-01	MSMSD2310080817		101.00	88.70	ug/L	88
10/08/93	22-GP-01-01	MSMSD2310080817		105.00	92.30	ug/L	88
10/08/93	22-GP-02-01	MSMSD2310080817		102.00	91.10	ug/L	89

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorobiphenyl continued							
Type of Spike : Surrogate - Normal Sample							
10/08/93	22-GP-03-01	MSMSD2310080817		102.00	87.50	ug/L	86
10/11/93	08-GP-01-01	MSMSD2310110812		98.00	79.90	ug/L	82
10/11/93	08-GP-02-01	MSMSD2310110812		99.00	82.60	ug/L	83
10/11/93	08-GP-03-01	MSMSD2310110812		96.20	81.40	ug/L	85
Number of Samples : 47			Below acceptance : 0				
Mean % Recovery : 86.4			Above acceptance : 0				
Standard Deviation : 5.59			Acceptance Criteria 43-116				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorophenol							
Type of Spike : Surrogate - Field Duplicate							
09/20/93	06-MW-07-DS-01	MSMSD1309201450		196.00	101.00	ug/L	52
06/14/93	12-MW-02-DS-03	MSMSD2306140820		200.00	121.00	ug/L	60
06/15/93	07-MW-02-DS-03	MSMSD2306150816		207.00	136.00	ug/L	66
06/23/93	05-MW-03-DS-03	MSMSD2306230826		200.00	112.00	ug/L	56
09/24/93	05-MW-14-DS-01	MSMSD2309240819		200.00	127.00	ug/L	64
10/08/93	08-SW-01-DS-01	MSMSD2310080817		200.00	116.00	ug/L	58
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 59.3			Above acceptance : 0				
Standard Deviation : 5.16			Acceptance Criteria 21-100				
Type of Spike : Surrogate - Laboratory Control							
06/23/93	LCS	MSMSD1306231041		200.00	116.00	ug/L	58
06/23/93	LCSD	MSMSD1306231041		200.00	121.00	ug/L	60
08/17/93	LCS	MSMSD1308171507		200.00	123.00	ug/L	61
08/17/93	LCSD	MSMSD1308171507		200.00	126.00	ug/L	63
08/25/93	LCS	MSMSD1308251013		200.00	114.00	ug/L	57
08/25/93	LCSD	MSMSD1308251013		200.00	103.00	ug/L	52
09/20/93	LCS	MSMSD1309201450		200.00	128.00	ug/L	64
09/20/93	LCSD	MSMSD1309201450		200.00	133.00	ug/L	66
09/23/93	LCS	MSMSD1309230953		200.00	124.00 *	ug/L	62
09/23/93	LCSD	MSMSD1309230953		200.00	128.00 *	ug/L	64
06/14/93	LCS	MSMSD2306140820		200.00	118.00	ug/L	59
06/14/93	LCS	MSMSD2306140820		200.00	131.00	ug/L	65
06/14/93	LCSD	MSMSD2306140820		200.00	122.00	ug/L	61
06/14/93	LCSD	MSMSD2306140820		200.00	136.00	ug/L	68
06/15/93	LCS	MSMSD2306150816		200.00	121.00	ug/L	60
06/15/93	LCS	MSMSD2306150816		200.00	121.00	ug/L	60
06/15/93	LCSD	MSMSD2306150816		200.00	133.00	ug/L	67

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorophenol continued							
Type of Spike : Surrogate - Laboratory Control							
06/15/93	LCSD	MSMSD2306150816		200.00	133.00	ug/L	67
06/16/93	LCS	MSMSD2306160814		200.00	116.00	ug/L	58
06/16/93	LCSD	MSMSD2306160814		200.00	132.00	ug/L	66
06/22/93	LCS	MSMSD2306220822		200.00	138.00	ug/L	69
06/22/93	LCSD	MSMSD2306220822		200.00	139.00	ug/L	70
06/23/93	LCS	MSMSD2306230826		200.00	126.00	ug/L	63
06/23/93	LCSD	MSMSD2306230826		200.00	132.00	ug/L	66
06/24/93	LCS	MSMSD2306240908		200.00	144.00	ug/L	72
06/24/93	LCS	MSMSD2306240908		200.00	128.00	ug/L	64
06/24/93	LCSD	MSMSD2306240908		200.00	127.00	ug/L	64
06/24/93	LCSD	MSMSD2306240908		200.00	128.00	ug/L	64
08/07/93	LCS	MSMSD2308070819		200.00	115.00	ug/L	58
09/24/93	LCS	MSMSD2309240819		200.00	135.00	ug/L	68
09/24/93	LCSD	MSMSD2309240819		200.00	135.00	ug/L	68
10/08/93	LCS	MSMSD2310080817		200.00	133.00	ug/L	66
10/08/93	LCSD	MSMSD2310080817		200.00	126.00	ug/L	63
10/11/93	LCS	MSMSD2310110812		200.00	138.00	ug/L	69
10/11/93	LCSD	MSMSD2310110812		200.00	138.00	ug/L	69

Number of Samples	: 35	Below acceptance :	0
Mean % Recovery	: 63.7	Above acceptance :	0
Standard Deviation	: 4.39	Acceptance Criteria	21-100

Type of Spike : Surrogate - Normal Sample

06/23/93	05-MW-01-03	MSMSD1306231041	204.00	108.00	ug/L	53
06/23/93	05-MW-02-03	MSMSD1306231041	204.00	112.00	ug/L	55
06/23/93	05-MW-04-03	MSMSD1306231041	205.00	99.40	ug/L	48
06/23/93	05-MW-06-03	MSMSD1306231041	204.00	107.00	ug/L	52
08/17/93	07-MW-01-03	MSMSD1308171507	222.00	118.00	ug/L	53
08/18/93	07-MW-03-03	MSMSD1308171507	217.00	128.00	ug/L	59
08/25/93	07-SW-03-01	MSMSD1308251013	199.00	96.60	ug/L	49
08/25/93	07-SW-04-01	MSMSD1308251013	200.00	99.50	ug/L	50
08/25/93	07-SW-05-01	MSMSD1308251013	222.00	118.00	ug/L	53
08/25/93	07-SW-06-01	MSMSD1308251013	215.00	118.00	ug/L	55
08/26/93	07-SW-07-01	MSMSD1308251013	219.00	124.00	ug/L	56
09/20/93	05-MW-13-01	MSMSD1309201450	202.00	95.10	ug/L	47
09/20/93	06-MW-07-01	MSMSD1309201450	200.00	84.60	ug/L	42
09/20/93	10-MW-04-01	MSMSD1309201450	204.00	79.40	ug/L	39
09/23/93	05-MW-15-01	MSMSD1309230953	196.00	117.00	ug/L	59
09/23/93	09-MW-15-01	MSMSD1309230953	211.00	130.00	ug/L	62
06/14/93	04-MW-02-03	MSMSD2306140820	200.00	120.00	ug/L	60
06/14/93	04-MW-03-03	MSMSD2306140820	200.00	130.00	ug/L	65
06/14/93	10-MW-03-03	MSMSD2306140820	198.00	127.00	ug/L	64
06/14/93	12-MW-01-03	MSMSD2306140820	200.00	113.00	ug/L	56

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorophenol continued							
Type of Spike : Surrogate - Normal Sample							
06/14/93	12-MW-02-03	MSMSD2306140820		198.00	115.00	ug/L	58
06/15/93	06-MW-03-03	MSMSD2306150816		198.00	126.00	ug/L	64
06/15/93	07-MW-02-03	MSMSD2306150816		200.00	111.00	ug/L	55
06/15/93	10-MW-01-03	MSMSD2306150816		202.00	119.00	ug/L	59
06/15/93	10-MW-02-03	MSMSD2306150816		202.00	121.00	ug/L	60
06/22/93	06-MW-01-03	MSMSD2306220822		211.00	130.00	ug/L	62
06/22/93	06-MW-02-03	MSMSD2306220822		214.00	114.00	ug/L	53
06/22/93	06-MW-04-03	MSMSD2306220822		208.00	123.00	ug/L	59
06/22/93	09-MW-01-03	MSMSD2306220822		199.00	121.00	ug/L	61
06/22/93	09-MW-02-03	MSMSD2306220822		200.00	125.00	ug/L	62
06/22/93	09-MW-03-03	MSMSD2306220822		200.00	127.00	ug/L	64
06/22/93	09-MW-04-03	MSMSD2306220822		201.00	117.00	ug/L	58
06/22/93	09-MW-05-03	MSMSD2306220822		211.00	134.00	ug/L	64
06/22/93	09-MW-06-03	MSMSD2306220822		211.00	127.00	ug/L	60
06/23/93	05-MW-03-03	MSMSD2306230826		203.00	120.00	ug/L	59
06/24/93	05-MW-05-03	MSMSD2306240908		199.00	98.80	ug/L	50
08/07/93	07-MW-04-03	MSMSD2308070819		197.00	110.00	ug/L	56
09/24/93	05-MW-14-01	MSMSD2309240819		200.00	128.00	ug/L	64
10/08/93	08-SW-01-01	MSMSD2310080817		194.00	111.00	ug/L	57
10/08/93	08-SW-02-01	MSMSD2310080817		194.00	127.00	ug/L	66
10/08/93	08-SW-03-01	MSMSD2310080817		202.00	108.00	ug/L	54
10/08/93	22-GP-01-01	MSMSD2310080817		211.00	115.00	ug/L	55
10/08/93	22-GP-02-01	MSMSD2310080817		204.00	128.00	ug/L	63
10/08/93	22-GP-03-01	MSMSD2310080817		204.00	104.00	ug/L	51
10/11/93	08-GP-01-01	MSMSD2310110812		196.00	108.00	ug/L	55
10/11/93	08-GP-02-01	MSMSD2310110812		198.00	112.00	ug/L	56
10/11/93	08-GP-03-01	MSMSD2310110812		192.00	103.00	ug/L	54
Number of Samples : 47			Below acceptance : 0				
Mean % Recovery : 56.5			Above acceptance : 0				
Standard Deviation : 5.92			Acceptance Criteria 21-100				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene-d5							
Type of Spike : Surrogate - Field Duplicate							
09/20/93	06-MW-07-DS-01	MSMSD1309201450		98.00	89.40	ug/L	91
06/14/93	12-MW-02-DS-03	MSMSD2306140820		100.00	89.60	ug/L	90
06/15/93	07-MW-02-DS-03	MSMSD2306150816		104.00	91.60	ug/L	88
06/23/93	05-MW-03-DS-03	MSMSD2306230826		100.00	89.00	ug/L	89
09/24/93	05-MW-14-DS-01	MSMSD2309240819		100.00	85.20	ug/L	85
10/08/93	08-SW-01-DS-01	MSMSD2310080817		100.00	87.40	ug/L	87
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 88.3			Above acceptance : 0				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : Nitrobenzene-d5 continued

Type of Spike : Surrogate - Field Duplicate

Standard Deviation : 2.16 Acceptance Criteria 35-114

Type of Spike : Surrogate - Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	LCS	MSMSD1306231041		100.00	80.40	ug/L	80
06/23/93	LCSD	MSMSD1306231041		100.00	82.60	ug/L	83
08/17/93	LCS	MSMSD1308171507		100.00	88.30	ug/L	88
08/17/93	LCSD	MSMSD1308171507		100.00	94.10	ug/L	94
08/25/93	LCS	MSMSD1308251013		100.00	90.20	ug/L	90
08/25/93	LCSD	MSMSD1308251013		100.00	78.50	ug/L	78
09/20/93	LCS	MSMSD1309201450		100.00	99.60	ug/L	100
09/20/93	LCSD	MSMSD1309201450		100.00	102.00	ug/L	102
09/23/93	LCS	MSMSD1309230953		100.00	97.10 *	ug/L	97
09/23/93	LCSD	MSMSD1309230953		100.00	101.00 *	ug/L	101
06/14/93	LCS	MSMSD2306140820		100.00	94.00	ug/L	94
06/14/93	LCS	MSMSD2306140820		100.00	103.00	ug/L	103
06/14/93	LCSD	MSMSD2306140820		100.00	93.90	ug/L	94
06/14/93	LCSD	MSMSD2306140820		100.00	87.80	ug/L	88
06/15/93	LCS	MSMSD2306150816		100.00	88.00	ug/L	88
06/15/93	LCS	MSMSD2306150816		100.00	88.00	ug/L	88
06/15/93	LCSD	MSMSD2306150816		100.00	93.10	ug/L	93
06/15/93	LCSD	MSMSD2306150816		100.00	93.10	ug/L	93
06/16/93	LCS	MSMSD2306160814		100.00	83.30	ug/L	83
06/16/93	LCSD	MSMSD2306160814		100.00	93.80	ug/L	94
06/22/93	LCS	MSMSD2306220822		100.00	98.00	ug/L	98
06/22/93	LCSD	MSMSD2306220822		100.00	105.00	ug/L	105
06/23/93	LCS	MSMSD2306230826		100.00	95.60	ug/L	96
06/23/93	LCSD	MSMSD2306230826		100.00	99.00	ug/L	99
06/24/93	LCS	MSMSD2306240908		100.00	101.00	ug/L	101
06/24/93	LCS	MSMSD2306240908		100.00	94.40	ug/L	94
06/24/93	LCSD	MSMSD2306240908		100.00	94.80	ug/L	95
06/24/93	LCSD	MSMSD2306240908		100.00	97.60	ug/L	98
08/07/93	LCS	MSMSD2308070819		100.00	75.00	ug/L	75
09/24/93	LCS	MSMSD2309240819		100.00	86.30	ug/L	86
09/24/93	LCSD	MSMSD2309240819		100.00	86.70	ug/L	87
10/08/93	LCS	MSMSD2310080817		100.00	92.50	ug/L	92
10/08/93	LCSD	MSMSD2310080817		100.00	87.70	ug/L	88
10/11/93	LCS	MSMSD2310110812		100.00	90.00	ug/L	90
10/11/93	LCSD	MSMSD2310110812		100.00	88.80	ug/L	89

Number of Samples : 35 Below acceptance : 0
Mean % Recovery : 92.1 Above acceptance : 0
Standard Deviation : 7.19 Acceptance Criteria 35-114

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Method : SW8270 - Semivolatile Organics
Spiked Analyte : Nitrobenzene-d5 continued

Type of Spike : Surrogate - Normal Sample

Type of Spike : Surrogate - Normal Sample

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
06/23/93	05-MW-01-03	MSMSD1306231041		102.00	78.60	ug/L	77
06/23/93	05-MW-02-03	MSMSD1306231041		102.00	78.00	ug/L	76
06/23/93	05-MW-04-03	MSMSD1306231041		103.00	77.90	ug/L	76
06/23/93	05-MW-06-03	MSMSD1306231041		102.00	78.60	ug/L	77
08/17/93	07-MW-01-03	MSMSD1308171507		111.00	92.50	ug/L	83
08/18/93	07-MW-03-03	MSMSD1308171507		109.00	95.50	ug/L	88
08/25/93	07-SW-03-01	MSMSD1308251013		99.50	85.50	ug/L	86
08/25/93	07-SW-04-01	MSMSD1308251013		100.00	81.20	ug/L	81
08/25/93	07-SW-05-01	MSMSD1308251013		111.00	97.60	ug/L	88
08/25/93	07-SW-06-01	MSMSD1308251013		108.00	92.20	ug/L	86
08/26/93	07-SW-07-01	MSMSD1308251013		109.00	91.50	ug/L	84
09/20/93	05-MW-13-01	MSMSD1309201450		101.00	94.80	ug/L	94
09/20/93	06-MW-07-01	MSMSD1309201450		100.00	94.30	ug/L	94
09/20/93	10-MW-04-01	MSMSD1309201450		102.00	89.90	ug/L	88
09/23/93	05-MW-15-01	MSMSD1309230953		98.00	94.70	ug/L	97
09/23/93	09-MW-15-01	MSMSD1309230953		105.00	102.00	ug/L	97
06/14/93	04-MW-02-03	MSMSD2306140820		100.00	91.10	ug/L	91
06/14/93	04-MW-03-03	MSMSD2306140820		100.00	93.60	ug/L	94
06/14/93	10-MW-03-03	MSMSD2306140820		99.00	88.00	ug/L	89
06/14/93	12-MW-01-03	MSMSD2306140820		100.00	89.90	ug/L	90
06/14/93	12-MW-02-03	MSMSD2306140820		99.00	85.90	ug/L	87
06/15/93	06-MW-03-03	MSMSD2306150816		99.00	84.80	ug/L	86
06/15/93	07-MW-02-03	MSMSD2306150816		100.00	87.00	ug/L	87
06/15/93	10-MW-01-03	MSMSD2306150816		101.00	81.40	ug/L	81
06/15/93	10-MW-02-03	MSMSD2306150816		101.00	86.20	ug/L	85
06/22/93	06-MW-01-03	MSMSD2306220822		105.00	95.80	ug/L	91
06/22/93	06-MW-02-03	MSMSD2306220822		107.00	88.00	ug/L	82
06/22/93	06-MW-04-03	MSMSD2306220822		104.00	89.50	ug/L	86
06/22/93	09-MW-01-03	MSMSD2306220822		99.50	88.90	ug/L	89
06/22/93	09-MW-02-03	MSMSD2306220822		100.00	86.40	ug/L	86
06/22/93	09-MW-03-03	MSMSD2306220822		100.00	87.40	ug/L	87
06/22/93	09-MW-04-03	MSMSD2306220822		101.00	89.40	ug/L	89
06/22/93	09-MW-05-03	MSMSD2306220822		105.00	91.30	ug/L	87
06/22/93	09-MW-06-03	MSMSD2306220822		105.00	93.80	ug/L	89
06/23/93	05-MW-03-03	MSMSD2306230826		102.00	88.30	ug/L	87
06/24/93	05-MW-05-03	MSMSD2306240908		99.50	83.10	ug/L	84
08/07/93	07-MW-04-03	MSMSD2308070819		98.50	70.50	ug/L	72
09/24/93	05-MW-14-01	MSMSD2309240819		100.00	83.20	ug/L	83
10/08/93	08-SW-01-01	MSMSD2310080817		97.10	85.20	ug/L	88
10/08/93	08-SW-02-01	MSMSD2310080817		97.10	81.70	ug/L	84
10/08/93	08-SW-03-01	MSMSD2310080817		101.00	79.80	ug/L	79
10/08/93	22-GP-01-01	MSMSD2310080817		105.00	81.70	ug/L	78
10/08/93	22-GP-02-01	MSMSD2310080817		102.00	83.30	ug/L	82

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene-d5 continued							
Type of Spike : Surrogate - Normal Sample							
10/08/93	22-GP-03-01	MSMSD2310080817		102.00	81.90	ug/L	80
10/11/93	08-GP-01-01	MSMSD2310110812		98.00	76.80	ug/L	78
10/11/93	08-GP-02-01	MSMSD2310110812		99.00	76.90	ug/L	78
10/11/93	08-GP-03-01	MSMSD2310110812		96.20	77.20	ug/L	80
Number of Samples : 47			Below acceptance : 0				
Mean % Recovery : 85.1			Above acceptance : 0				
Standard Deviation : 5.72			Acceptance Criteria 35-114				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol-d5							
Type of Spike : Surrogate - Field Duplicate							
09/20/93	06-MW-07-DS-01	MSMSD1309201450		196.00	79.50	ug/L	40
06/14/93	12-MW-02-DS-03	MSMSD2306140820		200.00	73.40	ug/L	37
06/15/93	07-MW-02-DS-03	MSMSD2306150816		207.00	87.30	ug/L	42
06/23/93	05-MW-03-DS-03	MSMSD2306230826		200.00	69.10	ug/L	34
09/24/93	05-MW-14-DS-01	MSMSD2309240819		200.00	82.90	ug/L	41
10/08/93	08-SW-01-DS-01	MSMSD2310080817		200.00	75.00	ug/L	38
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 38.7			Above acceptance : 0				
Standard Deviation : 2.94			Acceptance Criteria 10-94				
Type of Spike : Surrogate - Laboratory Control							
06/23/93	LCS	MSMSD1306231041		200.00	78.60	ug/L	39
06/23/93	LCSD	MSMSD1306231041		200.00	76.60	ug/L	38
08/17/93	LCS	MSMSD1308171507		200.00	85.90	ug/L	43
08/17/93	LCSD	MSMSD1308171507		200.00	88.00	ug/L	44
08/25/93	LCS	MSMSD1308251013		200.00	83.80	ug/L	42
08/25/93	LCSD	MSMSD1308251013		200.00	72.20	ug/L	36
09/20/93	LCS	MSMSD1309201450		200.00	96.80	ug/L	48
09/20/93	LCSD	MSMSD1309201450		200.00	101.00	ug/L	51
09/23/93	LCS	MSMSD1309230953		200.00	86.30 *	ug/L	43
09/23/93	LCSD	MSMSD1309230953		200.00	90.60 *	ug/L	45
06/14/93	LCS	MSMSD2306140820		200.00	73.70	ug/L	37
06/14/93	LCS	MSMSD2306140820		200.00	83.00	ug/L	42
06/14/93	LCSD	MSMSD2306140820		200.00	79.00	ug/L	40
06/14/93	LCSD	MSMSD2306140820		200.00	94.40	ug/L	47
06/15/93	LCS	MSMSD2306150816		200.00	76.70	ug/L	38
06/15/93	LCS	MSMSD2306150816		200.00	76.70	ug/L	38
06/15/93	LCSD	MSMSD2306150816		200.00	89.00	ug/L	44

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol-d5 continued							
Type of Spike : Surrogate - Laboratory Control							
06/15/93	LCSD	MSMSD2306150816		200.00	89.00	ug/L	44
06/16/93	LCS	MSMSD2306160814		200.00	73.80	ug/L	37
06/16/93	LCSD	MSMSD2306160814		200.00	86.60	ug/L	43
06/22/93	LCS	MSMSD2306220822		200.00	90.50	ug/L	45
06/22/93	LCSD	MSMSD2306220822		200.00	87.40	ug/L	44
06/23/93	LCS	MSMSD2306230826		200.00	79.00	ug/L	40
06/23/93	LCSD	MSMSD2306230826		200.00	83.60	ug/L	42
06/24/93	LCS	MSMSD2306240908		200.00	92.50	ug/L	46
06/24/93	LCS	MSMSD2306240908		200.00	82.30	ug/L	41
06/24/93	LCSD	MSMSD2306240908		200.00	82.50	ug/L	41
06/24/93	LCSD	MSMSD2306240908		200.00	80.60	ug/L	40
08/07/93	LCS	MSMSD2308070819		200.00	77.10	ug/L	39
09/24/93	LCS	MSMSD2309240819		200.00	94.00	ug/L	47
09/24/93	LCSD	MSMSD2309240819		200.00	95.10	ug/L	48
10/08/93	LCS	MSMSD2310080817		200.00	88.40	ug/L	44
10/08/93	LCSD	MSMSD2310080817		200.00	85.20	ug/L	43
10/11/93	LCS	MSMSD2310110812		200.00	94.40	ug/L	47
10/11/93	LCSD	MSMSD2310110812		200.00	98.40	ug/L	49

Number of Samples	: 35	Below acceptance :	0
Mean % Recovery	: 42.7	Above acceptance :	0
Standard Deviation	: 3.77	Acceptance Criteria	10-94

Type of Spike : Surrogate - Normal Sample

06/23/93	05-MW-01-03	MSMSD1306231041	204.00	72.10	ug/L	35
06/23/93	05-MW-02-03	MSMSD1306231041	204.00	76.50	ug/L	38
06/23/93	05-MW-04-03	MSMSD1306231041	205.00	64.80	ug/L	32
06/23/93	05-MW-06-03	MSMSD1306231041	204.00	74.40	ug/L	36
08/17/93	07-MW-01-03	MSMSD1308171507	222.00	89.20	ug/L	40
08/18/93	07-MW-03-03	MSMSD1308171507	217.00	89.60	ug/L	41
08/25/93	07-SW-03-01	MSMSD1308251013	199.00	71.10	ug/L	36
08/25/93	07-SW-04-01	MSMSD1308251013	200.00	74.40	ug/L	37
08/25/93	07-SW-05-01	MSMSD1308251013	222.00	91.30	ug/L	41
08/25/93	07-SW-06-01	MSMSD1308251013	215.00	88.80	ug/L	41
08/26/93	07-SW-07-01	MSMSD1308251013	219.00	93.20	ug/L	43
09/20/93	05-MW-13-01	MSMSD1309201450	202.00	92.60	ug/L	46
09/20/93	06-MW-07-01	MSMSD1309201450	200.00	85.30	ug/L	43
09/20/93	10-MW-04-01	MSMSD1309201450	204.00	85.20	ug/L	42
09/23/93	05-MW-15-01	MSMSD1309230953	196.00	80.00	ug/L	41
09/23/93	09-MW-15-01	MSMSD1309230953	211.00	94.60	ug/L	45
06/14/93	04-MW-02-03	MSMSD2306140820	200.00	76.90	ug/L	38
06/14/93	04-MW-03-03	MSMSD2306140820	200.00	83.70	ug/L	42
06/14/93	10-MW-03-03	MSMSD2306140820	198.00	82.80	ug/L	42
06/14/93	12-MW-01-03	MSMSD2306140820	200.00	70.20	ug/L	35

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol-d5 continued							
Type of Spike : Surrogate - Normal Sample							
06/14/93	12-MW-02-03	MSMSD2306140820		198.00	73.70	ug/L	37
06/15/93	06-MW-03-03	MSMSD2306150816		198.00	74.90	ug/L	38
06/15/93	07-MW-02-03	MSMSD2306150816		200.00	68.50	ug/L	34
06/15/93	10-MW-01-03	MSMSD2306150816		202.00	75.30	ug/L	37
06/15/93	10-MW-02-03	MSMSD2306150816		202.00	78.40	ug/L	39
06/22/93	06-MW-01-03	MSMSD2306220822		211.00	80.80	ug/L	38
06/22/93	06-MW-02-03	MSMSD2306220822		214.00	71.10	ug/L	33
06/22/93	06-MW-04-03	MSMSD2306220822		208.00	78.50	ug/L	38
06/22/93	09-MW-01-03	MSMSD2306220822		199.00	75.40	ug/L	38
06/22/93	09-MW-02-03	MSMSD2306220822		200.00	81.00	ug/L	40
06/22/93	09-MW-03-03	MSMSD2306220822		200.00	80.90	ug/L	40
06/22/93	09-MW-04-03	MSMSD2306220822		201.00	73.70	ug/L	37
06/22/93	09-MW-05-03	MSMSD2306220822		211.00	88.10	ug/L	42
06/22/93	09-MW-06-03	MSMSD2306220822		211.00	80.30	ug/L	38
06/23/93	05-MW-03-03	MSMSD2306230826		203.00	77.70	ug/L	38
06/24/93	05-MW-05-03	MSMSD2306240908		199.00	65.00	ug/L	33
08/07/93	07-MW-04-03	MSMSD2308070819		197.00	71.50	ug/L	36
09/24/93	05-MW-14-01	MSMSD2309240819		200.00	81.50	ug/L	41
10/08/93	08-SW-01-01	MSMSD2310080817		194.00	70.90	ug/L	36
10/08/93	08-SW-02-01	MSMSD2310080817		194.00	81.10	ug/L	42
10/08/93	08-SW-03-01	MSMSD2310080817		202.00	73.60	ug/L	36
10/08/93	22-GP-01-01	MSMSD2310080817		211.00	82.10	ug/L	39
10/08/93	22-GP-02-01	MSMSD2310080817		204.00	82.10	ug/L	40
10/08/93	22-GP-03-01	MSMSD2310080817		204.00	63.80	ug/L	31
10/11/93	08-GP-01-01	MSMSD2310110812		196.00	71.80	ug/L	37
10/11/93	08-GP-02-01	MSMSD2310110812		198.00	77.60	ug/L	39
10/11/93	08-GP-03-01	MSMSD2310110812		192.00	90.10	ug/L	47
Number of Samples : 47			Below acceptance : 0				
Mean % Recovery : 38.7			Above acceptance : 0				
Standard Deviation : 3.49			Acceptance Criteria 10-94				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14							
Type of Spike : Surrogate - Equipment Blank							
08/25/93	07-SD-07-EB-01	MSMSD1308251013		95.20	95.30	ug/L	100
10/11/93	07-HA-01-EB-01	MSMSD2310110812		118.00	122.00	ug/L	104
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 102.0			Above acceptance : 0				
Standard Deviation : 2.83			Acceptance Criteria 33-141				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14 continued							
Type of Spike : Surrogate - Field Duplicate							
Type of Spike : Surrogate - Field Duplicate							
09/20/93	06-MW-07-DS-01	MSMSD1309201450		98.00	95.10	ug/L	97
06/14/93	12-MW-02-DS-03	MSMSD2306140820		100.00	93.50	ug/L	94
06/15/93	07-MW-02-DS-03	MSMSD2306150816		104.00	96.50	ug/L	93
06/23/93	05-MW-03-DS-03	MSMSD2306230826		100.00	97.60	ug/L	98
09/24/93	05-MW-14-DS-01	MSMSD2309240819		100.00	99.50	ug/L	100
10/08/93	08-SW-01-DS-01	MSMSD2310080817		100.00	104.00	ug/L	104
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 97.7			Above acceptance : 0				
Standard Deviation : 4.03			Acceptance Criteria 33-141				
Type of Spike : Surrogate - Laboratory Control							
06/23/93	LCS	MSMSD1306231041		100.00	98.30	ug/L	98
06/23/93	LCSD	MSMSD1306231041		100.00	98.00	ug/L	98
08/17/93	LCS	MSMSD1308171507		100.00	93.50	ug/L	94
08/17/93	LCSD	MSMSD1308171507		100.00	98.00	ug/L	98
08/25/93	LCS	MSMSD1308251013		100.00	95.40	ug/L	95
08/25/93	LCSD	MSMSD1308251013		100.00	87.60	ug/L	88
09/20/93	LCS	MSMSD1309201450		100.00	104.00	ug/L	104
09/20/93	LCSD	MSMSD1309201450		100.00	102.00	ug/L	102
09/23/93	LCS	MSMSD1309230953		100.00	92.00 *	ug/L	92
09/23/93	LCSD	MSMSD1309230953		100.00	102.00 *	ug/L	102
06/14/93	LCS	MSMSD2306140820		100.00	88.70	ug/L	89
06/14/93	LCS	MSMSD2306140820		100.00	100.00	ug/L	100
06/14/93	LCSD	MSMSD2306140820		100.00	95.40	ug/L	95
06/14/93	LCSD	MSMSD2306140820		100.00	87.50	ug/L	88
06/15/93	LCS	MSMSD2306150816		100.00	81.80	ug/L	82
06/15/93	LCS	MSMSD2306150816		100.00	81.80	ug/L	82
06/15/93	LCSD	MSMSD2306150816		100.00	87.80	ug/L	88
06/15/93	LCSD	MSMSD2306150816		100.00	87.80	ug/L	88
06/16/93	LCS	MSMSD2306160814		100.00	84.60	ug/L	85
06/16/93	LCSD	MSMSD2306160814		100.00	90.60	ug/L	91
06/22/93	LCS	MSMSD2306220822		100.00	98.80	ug/L	99
06/22/93	LCSD	MSMSD2306220822		100.00	104.00	ug/L	104
06/23/93	LCS	MSMSD2306230826		100.00	95.50	ug/L	96
06/23/93	LCSD	MSMSD2306230826		100.00	97.00	ug/L	97
06/24/93	LCS	MSMSD2306240908		100.00	96.20	ug/L	96
06/24/93	LCS	MSMSD2306240908		100.00	102.00	ug/L	102
06/24/93	LCSD	MSMSD2306240908		100.00	99.30	ug/L	99
06/24/93	LCSD	MSMSD2306240908		100.00	101.00	ug/L	101
08/07/93	LCS	MSMSD2308070819		100.00	82.60	ug/L	83

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14 continued							
Type of Spike : Surrogate - Laboratory Control							
09/24/93	LCS	MSMSD2309240819		100.00	95.40	ug/L	95
09/24/93	LCSD	MSMSD2309240819		100.00	97.60	ug/L	98
10/08/93	LCS	MSMSD2310080817		100.00	102.00	ug/L	102
10/08/93	LCSD	MSMSD2310080817		100.00	102.00	ug/L	102
10/11/93	LCS	MSMSD2310110812		100.00	97.00	ug/L	97
10/11/93	LCSD	MSMSD2310110812		100.00	101.00	ug/L	101

Number of Samples	: 35	Below acceptance :	0
Mean % Recovery	: 95.2	Above acceptance :	0
Standard Deviation	: 6.46	Acceptance Criteria	33-141

Type of Spike : Surrogate - Normal Sample							
06/23/93	05-MW-01-03	MSMSD1306231041		102.00	96.40	ug/L	94
06/23/93	05-MW-02-03	MSMSD1306231041		102.00	92.20	ug/L	90
06/23/93	05-MW-04-03	MSMSD1306231041		103.00	85.30	ug/L	83
06/23/93	05-MW-06-03	MSMSD1306231041		102.00	94.50	ug/L	93
08/17/93	07-MW-01-03	MSMSD1308171507		111.00	98.90	ug/L	89
08/18/93	07-MW-03-03	MSMSD1308171507		109.00	89.10	ug/L	82
08/25/93	07-SW-03-01	MSMSD1308251013		99.50	91.40	ug/L	92
08/25/93	07-SW-04-01	MSMSD1308251013		100.00	87.50	ug/L	88
08/25/93	07-SW-05-01	MSMSD1308251013		111.00	101.00	ug/L	91
08/25/93	07-SW-06-01	MSMSD1308251013		108.00	103.00	ug/L	96
08/26/93	07-SW-07-01	MSMSD1308251013		109.00	101.00	ug/L	93
09/20/93	05-MW-13-01	MSMSD1309201450		101.00	104.00	ug/L	103
09/20/93	06-MW-07-01	MSMSD1309201450		100.00	88.20	ug/L	88
09/20/93	10-MW-04-01	MSMSD1309201450		102.00	95.10	ug/L	93
09/23/93	05-MW-15-01	MSMSD1309230953		98.00	86.20	ug/L	88
09/23/93	09-MW-15-01	MSMSD1309230953		105.00	91.20	ug/L	87
06/14/93	04-MW-02-03	MSMSD2306140820		100.00	101.00	ug/L	101
06/14/93	04-MW-03-03	MSMSD2306140820		100.00	100.00	ug/L	100
06/14/93	10-MW-03-03	MSMSD2306140820		99.00	95.60	ug/L	96
06/14/93	12-MW-01-03	MSMSD2306140820		100.00	97.20	ug/L	97
06/14/93	12-MW-02-03	MSMSD2306140820		99.00	97.70	ug/L	99
06/15/93	06-MW-03-03	MSMSD2306150816		99.00	88.60	ug/L	90
06/15/93	07-MW-02-03	MSMSD2306150816		100.00	90.30	ug/L	90
06/15/93	10-MW-01-03	MSMSD2306150816		101.00	84.50	ug/L	84
06/15/93	10-MW-02-03	MSMSD2306150816		101.00	86.80	ug/L	86
06/22/93	06-MW-01-03	MSMSD2306220822		105.00	99.00	ug/L	94
06/22/93	06-MW-02-03	MSMSD2306220822		107.00	93.80	ug/L	88
06/22/93	06-MW-04-03	MSMSD2306220822		104.00	94.20	ug/L	90
06/22/93	09-MW-01-03	MSMSD2306220822		99.50	89.60	ug/L	90
06/22/93	09-MW-02-03	MSMSD2306220822		100.00	89.00	ug/L	89
06/22/93	09-MW-03-03	MSMSD2306220822		100.00	90.60	ug/L	91
06/22/93	09-MW-04-03	MSMSD2306220822		101.00	90.30	ug/L	90

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14 continued							
Type of Spike : Surrogate - Normal Sample							
06/22/93	09-MW-05-03	MSMSD2306220822		105.00	92.50	ug/L	88
06/22/93	09-MW-06-03	MSMSD2306220822		105.00	99.40	ug/L	94
06/23/93	05-MW-03-03	MSMSD2306230826		102.00	102.00	ug/L	100
06/24/93	05-MW-05-03	MSMSD2306240908		99.50	96.20	ug/L	97
08/07/93	07-MW-04-03	MSMSD2308070819		98.50	89.10	ug/L	90
09/24/93	05-MW-14-01	MSMSD2309240819		100.00	96.50	ug/L	96
10/08/93	08-SW-01-01	MSMSD2310080817		97.10	97.90	ug/L	101
10/08/93	08-SW-02-01	MSMSD2310080817		97.10	98.60	ug/L	102
10/08/93	08-SW-03-01	MSMSD2310080817		101.00	103.00	ug/L	102
10/08/93	22-GP-01-01	MSMSD2310080817		105.00	69.80	ug/L	66
10/08/93	22-GP-02-01	MSMSD2310080817		102.00	99.80	ug/L	98
10/08/93	22-GP-03-01	MSMSD2310080817		102.00	93.00	ug/L	91
10/11/93	08-GP-01-01	MSMSD2310110812		98.00	88.30	ug/L	90
10/11/93	08-GP-02-01	MSMSD2310110812		99.00	91.60	ug/L	93
10/11/93	08-GP-03-01	MSMSD2310110812		96.20	90.50	ug/L	94
Number of Samples : 47			Below acceptance : 0				
Mean % Recovery : 92.1			Above acceptance : 0				
Standard Deviation : 6.48			Acceptance Criteria 33-141				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Acenaphthene							
Type of Spike : Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCF306291200		7.20	10.40	ug/L	144
06/29/93	LCSD931182 #LS	CHLCCF306291200		7.20	9.00	ug/L	125
06/30/93	LCS 931403 #LS	CHLCCF306291200		7.20	5.39	ug/L	75
06/30/93	LCSD931403 #LS	CHLCCF306291200		7.20	8.34	ug/L	116
06/22/93	LCS93970 #LS KE	CHLCC_306221200		7.20	8.76	ug/L	122
Number of Samples : 5			Below acceptance : 0				
Mean % Recovery : 116.4			Above acceptance : 2				
Standard Deviation : 25.40			Acceptance Criteria D-124				
Type of Spike : Matrix Spike							
06/22/93	12-MW-02-DS-03 M	CHLCC_306221200	ND	3.60	3.63	ug/L	102
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 102.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-124				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Acenaphthylene							
Type of Spike : Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCF306291200		9.20	11.70	ug/L	128
06/29/93	LCSD931182 #LS	CHLCCF306291200		9.20	10.40	ug/L	113
06/30/93	LCS 931403 #LS	CHLCCF306291200		9.20	5.81	ug/L	63
06/30/93	LCSD931403 #LS	CHLCCF306291200		9.20	8.69	ug/L	94
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		9.20	9.59	ug/L	104
06/22/93	LCS93970 #LS KE	CHLCC_306221200		9.20	10.20	ug/L	111
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 102.2			Above acceptance : 0				
Standard Deviation : 22.21			Acceptance Criteria D-139				
Type of Spike : Matrix Spike							
06/22/93	12-MW-02-DS-03 M	CHLCC_306221200	ND	4.60	4.00	ug/L	88
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 88.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-139				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Anthracene							
Type of Spike : Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCE306291200		2.60	3.17	ug/L	122
06/29/93	LCSD931182 #LS	CHLCCE306291200		2.60	2.86	ug/L	110
06/30/93	LCS 931403 #LS	CHLCCE306291200		2.60	2.30	ug/L	89
06/30/93	LCSD931403 #LS	CHLCCE306291200		2.60	2.33	ug/L	89
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		2.60	3.00	ug/L	115
Number of Samples : 5			Below acceptance : 0				
Mean % Recovery : 105.0			Above acceptance : 0				
Standard Deviation : 15.22			Acceptance Criteria D-126				
Type of Spike : Matrix Spike							
06/22/93	12-MW-02-DS-03 M	CHLCC_306221200	ND	1.30	1.43	ug/L	111
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 111.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-126				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Benzo(a)anthracene							
Type of Spike : Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCE306291200		0.10	0.10	ug/L	121
06/29/93	LCSD931182 #LS	CHLCCE306291200		0.10	0.09	ug/L	111
06/30/93	LCS 931403 #LS	CHLCCE306291200		0.10	0.09	ug/L	108
06/30/93	LCSD931403 #LS	CHLCCE306291200		0.10	0.09	ug/L	114
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		0.10	0.09	ug/L	106

Number of Samples	: 5	Below acceptance :	0
Mean % Recovery	: 112.0	Above acceptance :	0
Standard Deviation	: 5.87	Acceptance Criteria	D-135

Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Benzo(a)pyrene							
Type of Spike : Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCE306291200		0.10	0.15	ug/L	126
06/29/93	LCSD931182 #LS	CHLCCE306291200		0.10	0.14	ug/L	115
06/30/93	LCS 931403 #LS	CHLCCE306291200		0.10	0.13	ug/L	107
06/30/93	LCSD931403 #LS	CHLCCE306291200		0.10	0.12	ug/L	97
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		0.10	0.15	ug/L	123

Number of Samples	: 5	Below acceptance :	0
Mean % Recovery	: 113.6	Above acceptance :	0
Standard Deviation	: 11.87	Acceptance Criteria	D-128

Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Benzo(b)fluoranthene							
Type of Spike : Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCE306291200		0.10	0.12	ug/L	124
06/29/93	LCSD931182 #LS	CHLCCE306291200		0.10	0.11	ug/L	114
06/30/93	LCS 931403 #LS	CHLCCE306291200		0.10	0.13	ug/L	126
06/30/93	LCSD931403 #LS	CHLCCE306291200		0.10	0.13	ug/L	125
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		0.10	0.12	ug/L	116

Number of Samples	: 5	Below acceptance :	0
Mean % Recovery	: 121.0	Above acceptance :	0
Standard Deviation	: 5.57	Acceptance Criteria	D-150

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Benzo(g,h,i)perylene							
Type of Spike : Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCE306291200		0.30	0.39	ug/L	121
06/29/93	LCSD931182 #LS	CHLCCE306291200		0.30	0.36	ug/L	111
06/30/93	LCS 931403 #LS	CHLCCE306291200		0.30	0.34	ug/L	106
06/30/93	LCSD931403 #LS	CHLCCE306291200		0.30	0.38	ug/L	119
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		0.30	0.34	ug/L	108
Number of Samples : 5			Below acceptance : 0				
Mean % Recovery : 113.0			Above acceptance : 2				
Standard Deviation : 6.67			Acceptance Criteria D-116				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Benzo(k)fluoranthene							
Type of Spike : Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCE306291200		0.10	0.10	ug/L	129
06/29/93	LCSD931182 #LS	CHLCCE306291200		0.10	0.09	ug/L	118
06/30/93	LCS 931403 #LS	CHLCCE306291200		0.10	0.09	ug/L	114
06/30/93	LCSD931403 #LS	CHLCCE306291200		0.10	0.10	ug/L	127
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		0.10	0.09	ug/L	113
Number of Samples : 5			Below acceptance : 0				
Mean % Recovery : 120.2			Above acceptance : 0				
Standard Deviation : 7.40			Acceptance Criteria D-159				
Type of Spike : Matrix Spike							
06/22/93	12-MW-02-DS-03 M	CHLCC_306221200	ND	0.00	0.05	ug/L	116
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 116.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-159				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Chrysene							
Type of Spike : Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCE306291200		0.60	0.67	ug/L	112
06/29/93	LCSD931182 #LS	CHLCCE306291200		0.60	0.63	ug/L	104
06/30/93	LCS 931403 #LS	CHLCCE306291200		0.60	0.64	ug/L	107
06/30/93	LCSD931403 #LS	CHLCCE306291200		0.60	0.69	ug/L	116
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		0.60	0.68	ug/L	114

Number of Samples	: 5	Below acceptance :	0
Mean % Recovery	: 110.6	Above acceptance :	0
Standard Deviation	: 4.98	Acceptance Criteria	D-199

Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Dibenz(a,h)anthracene							
Type of Spike : Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCE306291200		0.10	0.15	ug/L	128
06/29/93	LCSD931182 #LS	CHLCCE306291200		0.10	0.14	ug/L	116
06/30/93	LCS 931403 #LS	CHLCCE306291200		0.10	0.14	ug/L	114
06/30/93	LCSD931403 #LS	CHLCCE306291200		0.10	0.14	ug/L	120
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		0.10	0.13	ug/L	112

Number of Samples	: 5	Below acceptance :	0
Mean % Recovery	: 118.0	Above acceptance :	5
Standard Deviation	: 6.32	Acceptance Criteria	D-110

Type of Spike : Matrix Spike							
06/22/93	12-MW-02-DS-03 M	CHLCC_306221200	ND		0.08	ug/L	127

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 127.0	Above acceptance :	1
Standard Deviation	: NC	Acceptance Criteria	D-110

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Fluoranthene							
Type of Spike : Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCE306291200		1.00	1.36	ug/L	136
06/29/93	LCSD931182 #LS	CHLCCE306291200		1.00	1.18	ug/L	118
06/30/93	LCS 931403 #LS	CHLCCE306291200		1.00	1.15	ug/L	115
06/30/93	LCSD931403 #LS	CHLCCE306291200		1.00	1.18	ug/L	118
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		1.00	1.13	ug/L	113
Number of Samples : 5			Below acceptance : 0				
Mean % Recovery : 120.0			Above acceptance : 1				
Standard Deviation : 9.19			Acceptance Criteria D-123				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Fluorene							
Type of Spike : Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCF306291200		1.00	1.36	ug/L	136
06/29/93	LCSD931182 #LS	CHLCCF306291200		1.00	1.15	ug/L	115
06/30/93	LCS 931403 #LS	CHLCCF306291200		1.00	0.77	ug/L	77
06/30/93	LCSD931403 #LS	CHLCCF306291200		1.00	1.09	ug/L	109
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		1.00	1.10	ug/L	110
06/22/93	LCS93970 #LS KE	CHLCC_306221200		1.00	1.12	ug/L	112
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 109.8			Above acceptance : 0				
Standard Deviation : 18.95			Acceptance Criteria D-142				
Type of Spike : Matrix Spike							
06/22/93	12-MW-02-DS-03 M	CHLCC_306221200	ND	0.50	0.50	ug/L	104
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 104.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-142				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Indeno(1,2,3-cd)pyrene							
Type of Spike : Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCF306291200		0.20	0.31	ug/L	154
06/29/93	LCSD931182 #LS	CHLCCF306291200		0.20	0.29	ug/L	145
06/30/93	LCS 931403 #LS	CHLCCF306291200		0.20	0.22	ug/L	112
06/30/93	LCSD931403 #LS	CHLCCF306291200		0.20	0.28	ug/L	138
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		0.20	0.22	ug/L	109
06/22/93	LCS93970 #LS KE	CHLCC_306221200		0.20	0.23	ug/L	115
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 128.8			Above acceptance : 3				
Standard Deviation : 19.22			Acceptance Criteria D-116				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Naphthalene							
Type of Spike : Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCF306291200		7.20	10.20	ug/L	142
06/29/93	LCSD931182 #LS	CHLCCF306291200		7.20	8.29	ug/L	115
06/30/93	LCS 931403 #LS	CHLCCF306291200		7.20	4.71	ug/L	65
06/30/93	LCSD931403 #LS	CHLCCF306291200		7.20	6.85	ug/L	95
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		7.20	7.64	ug/L	106
06/22/93	LCS93970 #LS KE	CHLCC_306221200		7.20	7.96	ug/L	110
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 105.5			Above acceptance : 1				
Standard Deviation : 25.27			Acceptance Criteria D-122				
Type of Spike : Matrix Spike							
06/22/93	12-MW-02-DS-03 M	CHLCC_306221200	ND	3.60	3.33	ug/L	93
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 93.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-122				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Phenanthrene							
Type of Spike : Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCE306291200		2.60	3.34	ug/L	128
06/29/93	LCSD931182 #LS	CHLCCE306291200		2.60	2.82	ug/L	108
06/30/93	LCS 931403 #LS	CHLCCE306291200		2.60	2.51	ug/L	97
06/30/93	LCSD931403 #LS	CHLCCE306291200		2.60	2.58	ug/L	99
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		2.60	2.70	ug/L	104
Number of Samples : 5			Below acceptance : 0				
Mean % Recovery : 107.2			Above acceptance : 0				
Standard Deviation : 12.40			Acceptance Criteria D-155				
Type of Spike : Matrix Spike							
06/22/93	12-MW-02-DS-03 M	CHLCC_306221200	ND		1.33	ug/L	103
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 103.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-155				
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Pyrene							
Type of Spike : Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCE306291200		1.20	1.61	ug/L	134
06/29/93	LCSD931182 #LS	CHLCCE306291200		1.20	1.42	ug/L	118
06/30/93	LCS 931403 #LS	CHLCCE306291200		1.20	1.36	ug/L	113
06/30/93	LCSD931403 #LS	CHLCCE306291200		1.20	1.43	ug/L	119
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		1.20	1.31	ug/L	109
Number of Samples : 5			Below acceptance : 0				
Mean % Recovery : 118.6			Above acceptance : 0				
Standard Deviation : 9.50			Acceptance Criteria D-140				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Terphenyl-d14							
Type of Spike : Surrogate - Equipment Blank							
06/30/93	04-MW-01-EB-03	CHLCCE306291200			1.49	ug/L	119
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 119.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 22-157				
Type of Spike : Surrogate - Field Duplicate							
06/22/93	12-MW-02-DS-03	CHLCC_306221200			1.20	ug/L	96
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 96.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 22-157				
Type of Spike : Surrogate - Laboratory Control							
06/29/93	LCS931182 #LS K	CHLCCE306291200		1.30	1.63	ug/L	131
06/29/93	LCSD931182 #LS	CHLCCE306291200		1.30	1.21	ug/L	97
06/30/93	LCS 931403 #LS	CHLCCE306291200		1.30	1.32	ug/L	105
06/30/93	LCSD931403 #LS	CHLCCE306291200		1.30	1.72	ug/L	138
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		1.30	1.27	ug/L	102
Number of Samples : 5			Below acceptance : 0				
Mean % Recovery : 114.6			Above acceptance : 0				
Standard Deviation : 18.56			Acceptance Criteria 22-157				
Type of Spike : Surrogate - Matrix Spike							
06/22/93	12-MW-02-DS-03 M	CHLCC_306221200			1.04	ug/L	84
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 84.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 22-157				
Type of Spike : Surrogate - Method Blank							
06/29/93	BLK93643 #01 BM_	CHLCCE306291200			1.44	ug/L	116
06/29/93	BLK93768 #01 BM_	CHLCCE306291200			1.49	ug/L	119
06/22/93	BLK93537 #01 BM_	CHLCC_306221200			1.58	ug/L	127
~~06/22/93~~	~~BLK93537 #01 BM_~~	~~CHLCC_306221200~~				~~ug/L~~	
Number of Samples : 3			Below acceptance : 0				
Mean % Recovery : 120.7			Above acceptance : 0				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8310 - Polynuclear Aromatic Hydrocarbons							
Spiked Analyte : Terphenyl-d14 continued							
Type of Spike : Surrogate - Method Blank							
Standard Deviation : 5.69			Acceptance Criteria : 22-157				
Type of Spike : Surrogate - Normal Sample							
06/29/93	01-MW-01-03	CHLCCE306291200			1.57	ug/L	126
06/29/93	01-MW-02-03	CHLCCE306291200			0.99	ug/L	79
06/22/93	04-MW-03-03	CHLCC_306221200			1.24	ug/L	100
06/22/93	04-MW-03-03	CHLCC_306221200			1.22	ug/L	98
06/22/93	12-MW-01-03	CHLCC_306221200			1.35	ug/L	109
06/22/93	12-MW-02-03	CHLCC_306221200			1.32	ug/L	100
06/23/93	04-MW-02-03	CHLCC_306221200			1.37	ug/L	105
Number of Samples : 7			Below acceptance : 0				
Mean % Recovery : 102.4			Above acceptance : 0				
Standard Deviation : 14.06			Acceptance Criteria : 22-157				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : Gasoline Range Organics							
Spiked Analyte : Gasoline Range Organics							
Type of Spike : Laboratory Control							
06/15/93	Labor. Control	88865		520.00	499.00	ug/L	96
06/15/93	Labor. Control	88865		520.00	478.00	ug/L	92
06/18/93	Labor. Control	88937		520.00	500.00	ug/L	96
06/18/93	Labor. Control	88937		520.00	480.00	ug/L	92
06/18/93	Labor. Control	88938		540.00	427.00	ug/L	79
06/18/93	Labor. Control	88938		540.00	448.00	ug/L	83
06/22/93	Labor. Control	88964		600.00	558.00	ug/L	93
06/22/93	Labor. Control	88964		600.00	480.00	ug/L	80
06/30/93	Labor. Control	89008		660.00	540.00	ug/L	82
06/30/93	Labor. Control	89008		660.00	561.00	ug/L	85
08/04/93	Labor. Control	89475		504.00	474.00	ug/L	94
08/04/93	Labor. Control	89475		504.00	459.00	ug/L	91
08/17/93	Labor. Control	89601		440.00	398.00	ug/L	90
08/17/93	Labor. Control	89601		440.00	394.00	ug/L	90
09/21/93	Labor. Control	89999		500.00	438.00	ug/L	88
09/21/93	Labor. Control	89999		500.00	420.00	ug/L	84
09/24/93	Labor. Control	90018		500.00	480.00	ug/L	96
09/24/93	Labor. Control	90018		500.00	460.00	ug/L	92
09/25/93	Labor. Control	90051		500.00	480.00	ug/L	96
09/25/93	Labor. Control	90051		500.00	460.00	ug/L	92
10/09/93	Labor. Control	90168		4.80	4.80	ug/L	100
10/09/93	Labor. Control	90168		4.80	4.80	ug/L	100
10/10/93	Labor. Control	90181		500.00	500.00	ug/L	100
10/10/93	Labor. Control	90181		500.00	540.00	ug/L	108
Number of Samples : 24			Below acceptance : 0				
Mean % Recovery : 91.6			Above acceptance :				
Standard Deviation : 7.06			Acceptance Criteria 50-150				
Type of Spike : Matrix Spike							
06/15/93	Matrix Spike	88865		520.00	499.00	ug/L	96
06/15/93	Matrix Spike Dupl	88865		520.00	499.00	ug/L	96
06/18/93	Matrix Spike	88937		520.00	400.00	ug/L	85
06/18/93	Matrix Spike Dupl	88937		520.00	470.00	ug/L	96
06/18/93	Matrix Spike	88938		540.00	362.00	ug/L	67
06/18/93	Matrix Spike Dupl	88938		540.00		ug/L	59
06/22/93	Matrix Spike	88964		600.00	540.00	ug/L	90
06/22/93	Matrix Spike Dupl	88964		600.00	558.00	ug/L	93
06/30/93	Matrix Spike	89008		660.00	620.00	ug/L	94
06/30/93	Matrix Spike Dupl	89008		660.00	601.00	ug/L	91
08/04/93	Matrix Spike	89475		504.00	500.00	ug/L	99
08/04/93	Matrix Spike Dupl	89475		504.00	500.00	ug/L	99
09/21/93	Matrix Spike	89999		500.00	414.00	ug/L	83
09/21/93	Matrix Spike Dupl	89999		500.00	397.00	ug/L	79

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : Gasoline Range Organics							
Spiked Analyte : Gasoline Range Organics continued							
Type of Spike : Matrix Spike							
09/24/93	Matrix Spike	90018		500.00	425.00	ug/L	85
09/24/93	Matrix Spike Dupl	90018		500.00	425.00	ug/L	85
09/25/93	Matrix Spike	90051		500.00	500.00	ug/L	100
09/25/93	Matrix Spike Dupl	90051		500.00	500.00	ug/L	100
10/09/93	Matrix Spike	90168		500.00	520.00	ug/L	104
10/09/93	Matrix Spike Dupl	90168		500.00	520.00	ug/L	104
10/10/93	Matrix Spike	90181		500.00	520.00	ug/L	104
10/10/93	Matrix Spike Dupl	90181		500.00	520.00	ug/L	104
Number of Samples : 22			Below acceptance : 0				
Mean % Recovery : 91.5			Above acceptance :				
Standard Deviation : 11.88			Acceptance Criteria 50-150				
Method : Diesel Range Organics							
Spiked Analyte : Diesel Range Organics							
Type of Spike : Laboratory Control							
06/16/93	Labor. Control	88865		5000.00	4850.00	ug/L	97
06/16/93	Labor. Control	88865		5000.00	5150.00	ug/L	103
06/17/93	Labor. Control	88937		5000.00	4750.00	ug/L	95
06/17/93	Labor. Control	88937		5000.00	4800.00	ug/L	96
06/17/93	Labor. Control	88938		5000.00	4750.00	ug/L	96
06/17/93	Labor. Control	88938		5000.00	4800.00	ug/L	96
06/22/93	Labor. Control	88964		5000.00	4900.00	ug/L	98
06/22/93	Labor. Control	88964		5000.00	4700.00	ug/L	94
06/28/93	Labor. Control	89008		5000.00	4450.00	ug/L	89
06/28/93	Labor. Control	89008		5000.00	4350.00	ug/L	87
08/05/93	Labor. Control	89475		5000.00	5300.00	ug/L	106
08/05/93	Labor. Control	89475		5000.00	5200.00	ug/L	104
08/14/93	Labor. Control	89601		8.00	9.44	ug/L	118
08/14/93	Labor. Control	89601		8.00	9.04	ug/L	113
09/22/93	Labor. Control	89999		8000.00	8080.00	ug/L	101
09/22/93	Labor. Control	89999		8000.00	9680.00	ug/L	121
09/23/93	Labor. Control	90018		8000.00	8080.00	ug/L	101
09/23/93	Labor. Control	90018		8000.00	9680.00	ug/L	121
09/23/93	Labor. Control	90051		8000.00	8080.00	ug/L	101
09/23/93	Labor. Control	90051		8000.00	9680.00	ug/L	121
10/07/93	Labor. Control	90168		8000.00	10240.00	ug/L	128
10/07/93	Labor. Control	90168		8000.00	10080.00	ug/L	126
10/11/93	Labor. Control	90181		8000.00	9200.00	ug/L	115
10/11/93	Labor. Control	90181		8000.00	8080.00	ug/L	101
10/11/93	Labor. Control	90182		8000.00	6560.00	ug/L	82
10/11/93	Labor. Control	90182		8000.00	7440.00	ug/L	93
Number of Samples : 26			Below acceptance : 0				

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TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : Diesel Range Organics							
Spiked Analyte : Diesel Range Organics continued							
Type of Spike : Laboratory Control							
Mean % Recovery : 104.0			Above acceptance :				
Standard Deviation : 12.56			Acceptance Criteria 50-150				
Type of Spike : Matrix Spike							
06/16/93	Matrix Spike	88865		5000.00	4300.00	ug/L	86
06/16/93	Matrix Spike Dupl	88865		5000.00	4350.00	ug/L	87
06/17/93	Matrix Spike	88937		5000.00	4750.00	ug/L	95
06/17/93	Matrix Spike Dupl	88937		5000.00	4950.00	ug/L	99
06/17/93	Matrix Spike	88938		5000.00	4750.00	ug/L	95
06/17/93	Matrix Spike Dupl	88938		5000.00	4950.00	ug/L	99
09/22/93	Matrix Spike	89999		8000.00	7760.00	ug/L	97
09/22/93	Matrix Spike Dupl	89999		8000.00	8400.00	ug/L	105
09/23/93	Matrix Spike	90018		8000.00	7760.00	ug/L	97
09/23/93	Matrix Spike Dupl	90018		8000.00	8400.00	ug/L	105
09/23/93	Matrix Spike	90051		8000.00	7760.00	ug/L	97
09/23/93	Matrix Spike Dupl	90051		8000.00	8400.00	ug/L	105
10/11/93	Matrix Spike	90181		8000.00	10240.00	ug/L	128
10/11/93	Matrix Spike Dupl	90181		8000.00	10080.00	ug/L	126
10/11/93	Matrix Spike	90182		8000.00	10240.00	ug/L	128
10/11/93	Matrix Spike Dupl	90182		8000.00	10080.00	ug/L	126
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 104.7			Above acceptance :				
Standard Deviation : 14.35			Acceptance Criteria 50-150				

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ATTACHMENT B - APPENDIX B

Table B-9

Detailed Listing of Duplicate Results - 1993 Water Samples

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = Gasoline Range Organics							
Type = Field Duplicate (ug/L)							
Gasoline Range Organics	05-MW-03-03	05-MW-03-DS-03	11000.0	10000.0	10500.0	707.1	9.52
Gasoline Range Organics	05-MW-14-01	05-MW-14-DS-01	< 100.0 (J)	< 100.0 (J)	NC	NC	NC
Gasoline Range Organics	06-MW-07-01	06-MW-07-DS-01	< 100.0 (J)	< 100.0 (J)	NC	NC	NC
Gasoline Range Organics	07-MW-02-03	07-MW-02-DS-03	< 100.0 (J)	< 100.0 (J)	NC	NC	NC
Gasoline Range Organics	08-SW-01-01	08-SW-01-DS-01	< 100.0 (J)	< 100.0 (J)	NC	NC	NC
Gasoline Range Organics	12-MW-02-03	12-MW-02-DS-03	< 100.0 (J)	< 100.0 (J)	NC	NC	NC
Type = Laboratory Control Duplicate (ug/L)							
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	96.0	92.0	94.0	2.8	4.26
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	93.0	80.0	86.5	9.2	15.03
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	94.0	91.0	92.5	2.1	3.24
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	90.0	90.0	90.0	0.0	0.00
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	96.0	92.0	94.0	2.8	4.26
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	100.0	108.0	104.0	5.7	7.69
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	96.0	92.0	94.0	2.8	4.26
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	96.0	92.0	94.0	2.8	4.26
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	88.0	84.0	86.0	2.8	4.65
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	79.0	83.0	81.0	2.8	4.94
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	< 100.0	< 100.0	NC	NC	NC
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	82.0	85.0	83.5	2.1	3.59
Type = Matrix Spike Duplicate (ug/L)							
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	99.0	99.0	99.0	0.0	0.00
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	90.0	93.0	91.5	2.1	3.28
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	85.0	96.0	90.5	7.8	12.15
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	67.0	59.0 (F)	63.0	5.7	12.70
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	104.0	104.0	104.0	0.0	0.00
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	104.0	104.0	104.0	0.0	0.00

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TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	85.0	85.0	85.0	0.0	0.00
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	83.0	79.0	81.0	2.8	4.94
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	96.0	96.0	96.0	0.0	0.00
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	94.0	91.0	92.5	2.1	3.24
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	100.0	100.0	100.0	0.0	0.00
Method = Diesel Range Organics							
Type = Field Duplicate (ug/L)							
Diesel Range Organics	05-MW-03-03	05-MW-03-DS-03	< 200.0 (J)	220.0	NC	NC	NC
Diesel Range Organics	05-MW-14-01	05-MW-14-DS-01	< 200.0 (J)	< 200.0 (J)	NC	NC	NC
Diesel Range Organics	06-MW-07-01	06-MW-07-DS-01	< 200.0 (J)	< 200.0 (J)	NC	NC	NC
Diesel Range Organics	07-MW-02-03	07-MW-02-DS-03	< 200.0 (J)	< 200.0 (J)	NC	NC	NC
Diesel Range Organics	08-SW-01-01	08-SW-01-DS-01	< 200.0 (J)	< 200.0 (J)	NC	NC	NC
Diesel Range Organics	12-MW-02-03	12-MW-02-DS-03	< 200.0 (J)	< 200.0 (J)	NC	NC	NC
Type = Laboratory Control Duplicate (ug/L)							
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	82.0	93.0	87.5	7.8	12.57
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	106.0	104.0	105.0	1.4	1.90
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	89.0	87.0	88.0	1.4	2.27
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	< 20.0	< 20.0	NC	NC	NC
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	101.0	121.0	111.0	14.1	18.02
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	101.0	121.0	111.0	14.1	18.02
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	101.0	121.0	111.0	14.1	18.02
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	97.0	103.0	100.0	4.2	6.00
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	95.0	96.0	95.5	0.7	1.05
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	98.0	94.0	96.0	2.8	4.17
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	96.0	96.0	96.0	0.0	0.00
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	128.0	126.0	127.0	1.4	1.57
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	115.0	101.0	108.0	9.9	12.96
Type = Matrix Spike Duplicate (ug/L)							

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Diesel Range Organics	Matrix Spike	Matrix Spike Dupl	97.0	105.0	101.0	5.7	7.92
Diesel Range Organics	Matrix Spike	Matrix Spike Dupl	95.0	99.0	97.0	2.8	4.12
Diesel Range Organics	Matrix Spike	Matrix Spike Dupl	95.0	99.0	97.0	2.8	4.12
Diesel Range Organics	Matrix Spike	Matrix Spike Dupl	128.0	126.0	127.0	1.4	1.57
Diesel Range Organics	Matrix Spike	Matrix Spike Dupl	128.0	126.0	127.0	1.4	1.57
Diesel Range Organics	Matrix Spike	Matrix Spike Dupl	97.0	105.0	101.0	5.7	7.92
Diesel Range Organics	Matrix Spike	Matrix Spike Dupl	86.0	87.0	86.5	0.7	1.16
Diesel Range Organics	Matrix Spike	Matrix Spike Dupl	97.0	105.0	101.0	5.7	7.92
Method = E160.1 - Residue, Filterable (TDS)							
Type = Analytical Dup (mg/L)							
Total dissolved solids	06-MW-07-01	06-MW-07-01 DUP	909.0	916.0	912.5	4.9	0.77
Total dissolved solids	07-MW-03-03	07-MW-03-03	825.0	839.0	832.0	9.9	1.68
Total dissolved solids	07-MW-04-03	07-MW-04-03	794.0	780.0	787.0	9.9	1.78
Total dissolved solids	09-MW-04-03	09-MW-04-03	672.0	678.0	675.0	4.2	0.89
Total dissolved solids	09-MW-15-01	09-MW-15-01	581.0	591.0	586.0	7.1	1.71
Type = Field Duplicate (mg/L)							
Total dissolved solids	05-MW-02-03	05-MW-02-DS-03	362.0	368.0	365.0	4.2	1.64
Total dissolved solids	05-MW-14-01	05-MW-14-DS-01	594.0	605.0	599.5	7.8	1.83
Total dissolved solids	05-MW-14-DS-01	05-MW-14-DS-01	605.0	606.0	605.5	0.7	0.17
Total dissolved solids	06-MW-07-01	06-MW-07-DS-01	909.0	904.0	906.5	3.5	0.55
Total dissolved solids	07-MW-02-03	07-MW-02-DS-03	882.0	877.0	879.5	3.5	0.57
Total dissolved solids	07-MW-02-03	07-MW-02-DS-03 A	882.0	870.0	876.0	8.5	1.37
Type = Laboratory Control Duplicate (mg/L)							
Total dissolved solids	LCS931111	LCSD931111	102.0	106.0	104.0	2.8	3.85
Total dissolved solids	LCS931183	LCSD931183	105.0	109.0	107.0	2.8	3.74
Total dissolved solids	LCS931284	LCSD931284	107.0	105.0	106.0	1.4	1.89
Total dissolved solids	LCS931406	LCSD931406	102.0	100.0	101.0	1.4	1.98
Total dissolved solids	LCS932927	LCSD932927	103.0	104.0	103.5	0.7	0.97

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TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Total dissolved solids	LCS933554	LCSD933554	103.0	106.0	104.5	2.1	2.87
Total dissolved solids	LCS934466	LCSD934466	102.0	100.0	101.0	1.4	1.98
Total dissolved solids	LCS934803	LCSD934803	102.0	101.0	101.5	0.7	0.99
Method = E160.2 - Residue, Non-Filterable							
Type = Analytical Dup (mg/L)							
Total suspended solids	01-MW-08-01	01-MW-08-01	< 7.9 (J)	8.0	NC	NC	NC
Total suspended solids	06-MW-07-01	06-MW-07-01 DUP	< 7.9	< 7.9	NC	NC	NC
Type = Field Duplicate (mg/L)							
Total suspended solids	05-MW-14-01	05-MW-14-DS-01	8.0	8.0	8.0	0.0	0.00
Total suspended solids	05-MW-14-DS-01	05-MW-14-DS-01	8.0	9.0	8.5	0.7	11.76
Total suspended solids	06-MW-07-01	06-MW-07-DS-01	< 7.9	< 7.9 (J)	NC	NC	NC
Type = Laboratory Control Duplicate (mg/L)							
Total suspended solids	LCS934465	LCSD934465	64.0	109.0	86.5	31.8	52.02
Total suspended solids	LCS934732	LCSD934732	94.0	91.0	92.5	2.1	3.24
Total suspended solids	LCS934803	LCSD934803	85.0	84.0	84.5	0.7	1.18
Method = E300 - Anions							
Type = Field Duplicate (mg/L)							
Chloride	05-MW-02-03	05-MW-02-DS-03	1.4	1.4	1.4	0.0	2.82
Chloride	05-MW-14-01	05-MW-14-DS-01	1.9	2.0	2.0	0.0	3.06
Chloride	06-MW-07-01	06-MW-07-DS-01	16.3	17.2	16.8	0.6	5.37
Sulfate	05-MW-02-03	05-MW-02-DS-03	3.1	3.1	3.1	0.0	0.32
Sulfate	05-MW-14-01	05-MW-14-DS-01	23.5	23.7	23.6	0.1	0.85
Sulfate	06-MW-07-01	06-MW-07-DS-01	59.9	60.0	60.0	0.1	0.17
Type = Laboratory Control Duplicate (mg/L)							

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Chloride	LCS931521	LCSD931521	101.0	102.0	101.5	0.7	0.99
Chloride	LCS934941	LCSD934941	102.0	102.0	102.0	0.0	0.00
Sulfate	LCS931521	LCSD931521	96.0	96.0	96.0	0.0	0.00
Sulfate	LCS934936	LCSD934936	100.0	99.0	99.5	0.7	1.01
Type = Matrix Spike Duplicate (mg/L)							
Chloride	05-MW-02-DS-03 M	05-MW-02-DS-03 M	95.0	96.0	95.5	0.7	1.05
Chloride	06-MW-07-01 MS	06-MW-07-01 MSD	107.0	106.0	106.5	0.7	0.94
Sulfate	05-MW-02-DS-03 M	05-MW-02-DS-03 M	86.0	86.0	86.0	0.0	0.00
Sulfate	06-MW-07-01 MS	06-MW-07-01 MSD	103.0	104.0	103.5	0.7	0.97
Method = E353.1 - Nitrate-Nitrite							
Type = Analytical Dup (mg/L)							
Nitrate-Nitrite as N	05-MW-14-01	05-MW-14-01	0.12	0.16	0.1	0.1	22.22
Nitrate-Nitrite as N	10-MW-04-01	10-MW-04-01	ND	ND	NC	NC	NC
Type = Analytical Spike Duplicate (mg/L)							
Nitrate-Nitrite as N	05-MW-02-DS-03 M	05-MW-02-DS-03 M	92.0	93.0	92.5	0.7	1.08
Type = Field Duplicate (mg/L)							
Nitrate-Nitrite as N	05-MW-02-03	05-MW-02-DS-03	ND	ND	NC	NC	NC
Nitrate-Nitrite as N	05-MW-02-DS-03	05-MW-02-DS-03	ND	ND	NC	NC	NC
Nitrate-Nitrite as N	05-MW-14-01	05-MW-14-DS-01	0.12	0.16	0.1	0.0	23.49
Nitrate-Nitrite as N	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Type = Laboratory Control Duplicate (mg/L)							
Nitrate-Nitrite as N	LCS931656	LCSD931656	99.0	100.0	99.5	0.7	1.01
Nitrate-Nitrite as N	LCS935170	LCSD935170	101.0	102.0	101.5	0.7	0.99

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TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Nitrate-Nitrite as N	LCS935178	LCSD935178	100.0	100.0	100.0	0.0	0.00
Nitrate-Nitrite as N	LCS935234	LCSD935234	98.0	98.0	98.0	0.0	0.00
Type = Matrix Spike Duplicate (mg/L)							
Nitrate-Nitrite as N	05-MW-14-01	05-MW-14-01	89.0	90.0	89.5	0.7	1.12
Nitrate-Nitrite as N	06-MW-07-01 MS	06-MW-07-01 MSD	87.0	89.0	88.0	1.4	2.27
Nitrate-Nitrite as N	06-MW-07-01 MS	06-MW-07-01 MSD	74.0	76.0	75.0	1.4	2.67
Nitrate-Nitrite as N	10-MW-04-01	10-MW-04-01	88.0	88.0	88.0	0.0	0.00
Method = SW6010 - Metals							
Type = Analytical Dup (mg/L)							
Aluminum	05-MW-06-03	05-MW-06-03	< 0.028 (J)	0.18	NC	NC	NC
Aluminum	05-MW-14-01	05-MW-14-01	< 0.028 (J)	< 0.14 (J)	NC	NC	NC
Aluminum	06-MW-07-01	06-MW-07-01	< 0.028 (J)	< 0.14 (J)	NC	NC	NC
Aluminum	09-MW-01-03	09-MW-01-03	< 0.028 (J)	< 0.11 (J)	NC	NC	NC
Antimony	05-MW-06-03	05-MW-06-03	< 0.024 (J)	< 0.096 (J)	NC	NC	NC
Antimony	05-MW-14-01	05-MW-14-01	< 0.024 (J)	< 0.12 (J)	NC	NC	NC
Antimony	06-MW-07-01	06-MW-07-01	< 0.024 (J)	< 0.12 (J)	NC	NC	NC
Antimony	09-MW-01-03	09-MW-01-03	< 0.024 (J)	< 0.096 (J)	NC	NC	NC
Arsenic	05-MW-06-03	05-MW-06-03	< 0.023 (J)	< 0.090 (J)	NC	NC	NC
Arsenic	05-MW-14-01	05-MW-14-01	< 0.023 (J)	< 0.11 (J)	NC	NC	NC
Arsenic	06-MW-07-01	06-MW-07-01	< 0.023 (J)	< 0.11 (J)	NC	NC	NC
Arsenic	09-MW-01-03	09-MW-01-03	0.026	< 0.092 (J)	NC	NC	NC
Barium	05-MW-06-03	05-MW-06-03	0.33	0.33	0.3	0.1	0.00
Barium	05-MW-14-01	05-MW-14-01	0.24	0.24	0.2	0.1	1.67
Barium	06-MW-07-01	06-MW-07-01	0.36	0.36	0.4	0.1	2.50
Barium	09-MW-01-03	09-MW-01-03	0.89	0.91	0.9	0.1	2.10
Beryllium	05-MW-06-03	05-MW-06-03	<0.000554 (J)	< 0.0022 (J)	NC	NC	NC
Beryllium	05-MW-14-01	05-MW-14-01	<0.000554 (J)	< 0.0028 (J)	NC	NC	NC
Beryllium	06-MW-07-01	06-MW-07-01	<0.000554 (J)	< 0.0028 (J)	NC	NC	NC
Beryllium	09-MW-01-03	09-MW-01-03	<0.000550 (J)	< 0.0022 (J)	NC	NC	NC
Cadmium	05-MW-06-03	05-MW-06-03	< 0.0017 (J)	< 0.0069 (J)	NC	NC	NC

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Cadmium	05-MW-14-01	05-MW-14-01	0.0043	0.014	0.0	0.0	106.52
Cadmium	06-MW-07-01	06-MW-07-01	0.0029 (B)	< 0.0086 (J)	NC	NC	NC
Cadmium	09-MW-01-03	09-MW-01-03	< 0.0017 (J)	< 0.0068 (J)	NC	NC	NC
Calcium	05-MW-06-03	05-MW-06-03	133.0	133.0	133.0	0.0	0.00
Calcium	05-MW-14-01	05-MW-14-01	176.0	178.0	177.0	1.4	1.13
Calcium	06-MW-07-01	06-MW-07-01	233.0	238.0	235.5	3.5	2.12
Calcium	09-MW-01-03	09-MW-01-03	174.0	180.0	177.0	4.2	3.39
Chromium	05-MW-06-03	05-MW-06-03	< 0.0025 (J)	< 0.0100 (J)	NC	NC	NC
Chromium	05-MW-14-01	05-MW-14-01	< 0.0025 (J)	< 0.012 (J)	NC	NC	NC
Chromium	06-MW-07-01	06-MW-07-01	< 0.0025 (J)	< 0.012 (J)	NC	NC	NC
Chromium	09-MW-01-03	09-MW-01-03	< 0.0025 (J)	< 0.010 (J)	NC	NC	NC
Cobalt	05-MW-06-03	05-MW-06-03	< 0.0034 (J)	< 0.014 (J)	NC	NC	NC
Cobalt	05-MW-14-01	05-MW-14-01	0.0055	0.024	0.0	0.0	123.95
Cobalt	06-MW-07-01	06-MW-07-01	0.0077	< 0.017 (J)	NC	NC	NC
Cobalt	09-MW-01-03	09-MW-01-03	< 0.0034 (J)	< 0.014 (J)	NC	NC	NC
Copper	05-MW-06-03	05-MW-06-03	< 0.0038 (J)	< 0.015 (J)	NC	NC	NC
Copper	05-MW-14-01	05-MW-14-01	0.0099 (B)	0.039	0.0	0.0	119.28
Copper	06-MW-07-01	06-MW-07-01	< 0.0038 (J)	< 0.019 (J)	NC	NC	NC
Copper	09-MW-01-03	09-MW-01-03	< 0.0038 (J)	< 0.015 (J)	NC	NC	NC
Iron	05-MW-06-03	05-MW-06-03	27.4	27.5	27.5	0.1	0.36
Iron	05-MW-14-01	05-MW-14-01	< 0.0060 (J)	0.030 (B)	NC	NC	NC
Iron	06-MW-07-01	06-MW-07-01	0.35	0.45	0.4	0.1	25.09
Iron	09-MW-01-03	09-MW-01-03	63.9	66.6	65.3	1.9	4.14
Lead	05-MW-06-03	05-MW-06-03	< 0.027 (J)	< 0.11 (J)	NC	NC	NC
Lead	05-MW-14-01	05-MW-14-01	< 0.027 (J)	< 0.14 (J)	NC	NC	NC
Lead	06-MW-07-01	06-MW-07-01	< 0.027 (J)	< 0.14 (J)	NC	NC	NC
Lead	09-MW-01-03	09-MW-01-03	< 0.027 (J)	< 0.11 (J)	NC	NC	NC
Magnesium	05-MW-06-03	05-MW-06-03	27.3	27.1	27.2	0.1	0.74
Magnesium	05-MW-14-01	05-MW-14-01	32.6	32.8	32.7	0.1	0.61
Magnesium	06-MW-07-01	06-MW-07-01	62.6	63.2	62.9	0.4	0.95
Magnesium	09-MW-01-03	09-MW-01-03	30.7	31.5	31.1	0.6	2.57
Manganese	05-MW-06-03	05-MW-06-03	2.8	2.8	2.8	0.0	0.71
Manganese	05-MW-14-01	05-MW-14-01	0.38	0.38	0.4	0.1	1.05
Manganese	06-MW-07-01	06-MW-07-01	1.8	1.8	1.8	0.0	2.26
Manganese	09-MW-01-03	09-MW-01-03	7.5	7.7	7.6	0.2	3.43

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TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Molybdenum	05-MW-06-03	05-MW-06-03	< 0.0046 (J)	< 0.019 (J)	NC	NC	NC
Molybdenum	05-MW-14-01	05-MW-14-01	< 0.0046 (J)	< 0.023 (J)	NC	NC	NC
Molybdenum	06-MW-07-01	06-MW-07-01	< 0.0046 (J)	< 0.023 (J)	NC	NC	NC
Molybdenum	09-MW-01-03	09-MW-01-03	< 0.0046 (J)	< 0.018 (J)	NC	NC	NC
Nickel	05-MW-06-03	05-MW-06-03	0.013	< 0.039 (J)	NC	NC	NC
Nickel	05-MW-14-01	05-MW-14-01	0.014	< 0.049 (J)	NC	NC	NC
Nickel	06-MW-07-01	06-MW-07-01	0.016	< 0.049 (J)	NC	NC	NC
Nickel	09-MW-01-03	09-MW-01-03	< 0.0099 (J)	< 0.040 (J)	NC	NC	NC
Potassium	05-MW-06-03	05-MW-06-03	2.3	2.2	2.2	0.1	7.14
Potassium	05-MW-14-01	05-MW-14-01	4.4	4.8	4.6	0.3	10.04
Potassium	06-MW-07-01	06-MW-07-01	5.8	5.5	5.7	0.3	6.73
Potassium	09-MW-01-03	09-MW-01-03	3.9	3.3	3.6	0.4	16.85
Selenium	05-MW-06-03	05-MW-06-03	< 0.042 (J)	< 0.17 (J)	NC	NC	NC
Selenium	05-MW-14-01	05-MW-14-01	< 0.042 (J)	< 0.21 (J)	NC	NC	NC
Selenium	06-MW-07-01	06-MW-07-01	< 0.042 (J)	< 0.21 (J)	NC	NC	NC
Selenium	09-MW-01-03	09-MW-01-03	< 0.042 (J)	< 0.17 (J)	NC	NC	NC
Silver	05-MW-06-03	05-MW-06-03	< 0.0049 (J)	< 0.020 (J)	NC	NC	NC
Silver	05-MW-14-01	05-MW-14-01	< 0.0049 (J)	< 0.025 (J)	NC	NC	NC
Silver	06-MW-07-01	06-MW-07-01	< 0.0049 (J)	< 0.025 (J)	NC	NC	NC
Silver	09-MW-01-03	09-MW-01-03	< 0.0049 (J)	< 0.020 (J)	NC	NC	NC
Sodium	05-MW-06-03	05-MW-06-03	5.3	5.7	5.5	0.3	6.53
Sodium	05-MW-14-01	05-MW-14-01	9.4	9.4	9.4	0.1	0.85
Sodium	06-MW-07-01	06-MW-07-01	14.0	14.1	14.1	0.1	0.71
Sodium	09-MW-01-03	09-MW-01-03	18.0	18.3	18.2	0.2	1.65
Thallium	05-MW-06-03	05-MW-06-03	0.019 (B)	0.080	0.0	0.1	122.75
Thallium	05-MW-14-01	05-MW-14-01	< 0.017 (J)	< 0.086 (J)	NC	NC	NC
Thallium	06-MW-07-01	06-MW-07-01	< 0.017 (J)	< 0.086 (J)	NC	NC	NC
Thallium	09-MW-01-03	09-MW-01-03	< 0.017 (J)	< 0.068 (J)	NC	NC	NC
Vanadium	05-MW-06-03	05-MW-06-03	< 0.0024 (J)	< 0.0094 (J)	NC	NC	NC
Vanadium	05-MW-14-01	05-MW-14-01	< 0.0024 (J)	< 0.012 (J)	NC	NC	NC
Vanadium	06-MW-07-01	06-MW-07-01	< 0.0024 (J)	< 0.012 (J)	NC	NC	NC
Vanadium	09-MW-01-03	09-MW-01-03	< 0.0024 (J)	< 0.0096 (J)	NC	NC	NC
Zinc	05-MW-06-03	05-MW-06-03	0.019	0.032	0.0	0.0	51.00
Zinc	05-MW-14-01	05-MW-14-01	0.0023 (B)	< 0.0077 (J)	NC	NC	NC
Zinc	06-MW-07-01	06-MW-07-01	0.0074 (B)	0.012	0.0	0.0	49.87

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Zinc	09-MW-01-03	09-MW-01-03	0.013	0.029	0.0	0.0	73.99
Type = Field Duplicate (mg/L)							
Aluminum	05-MW-03-03	05-MW-03-DS-03	< 0.028 (J)	< 0.028 (J)	NC	NC	NC
Aluminum	05-MW-14-01	05-MW-14-DS-01	< 0.028 (J)	< 0.028 (J)	NC	NC	NC
Aluminum	06-MW-07-01	06-MW-07-DS-01	< 0.028 (J)	< 0.028 (J)	NC	NC	NC
Aluminum	07-MW-02-03	07-MW-02-DS-03	< 0.028 (J)	< 0.028 (J)	NC	NC	NC
Aluminum	07-MW-02-DS-03	07-MW-02-DS-03	< 0.028 (J)	< 0.11 (J)	NC	NC	NC
Aluminum	12-MW-02-03	12-MW-02-DS-03	< 0.028 (J)	< 0.028 (J)	NC	NC	NC
Antimony	05-MW-03-03	05-MW-03-DS-03	< 0.024 (J)	< 0.024 (J)	NC	NC	NC
Antimony	05-MW-14-01	05-MW-14-DS-01	< 0.024 (J)	< 0.024 (J)	NC	NC	NC
Antimony	06-MW-07-01	06-MW-07-DS-01	< 0.024 (J)	< 0.024 (J)	NC	NC	NC
Antimony	07-MW-02-03	07-MW-02-DS-03	< 0.024 (J)	0.038	NC	NC	NC
Antimony	07-MW-02-DS-03	07-MW-02-DS-03	0.038	< 0.096 (J)	NC	NC	NC
Antimony	12-MW-02-03	12-MW-02-DS-03	< 0.024 (J)	< 0.024 (J)	NC	NC	NC
Arsenic	05-MW-03-03	05-MW-03-DS-03	< 0.023 (J)	< 0.023 (J)	NC	NC	NC
Arsenic	05-MW-14-01	05-MW-14-DS-01	< 0.023 (J)	< 0.023 (J)	NC	NC	NC
Arsenic	06-MW-07-01	06-MW-07-DS-01	< 0.023 (J)	< 0.023 (J)	NC	NC	NC
Arsenic	07-MW-02-DS-03	07-MW-02-DS-03	< 0.023 (J)	< 0.092 (J)	NC	NC	NC
Arsenic	07-MW-02-03	07-MW-02-DS-03	< 0.023 (J)	< 0.023 (J)	NC	NC	NC
Arsenic	12-MW-02-03	12-MW-02-DS-03	< 0.023 (J)	< 0.023 (J)	NC	NC	NC
Barium	05-MW-03-03	05-MW-03-DS-03	0.60	0.59	0.6	0.0	0.50
Barium	05-MW-14-01	05-MW-14-DS-01	0.24	0.23	0.2	0.0	1.27
Barium	06-MW-07-01	06-MW-07-DS-01	0.36	0.34	0.3	0.1	3.44
Barium	07-MW-02-03	07-MW-02-DS-03	0.91	0.91	0.9	0.1	0.33
Barium	07-MW-02-DS-03	07-MW-02-DS-03	0.91	0.92	0.9	0.1	1.20
Barium	12-MW-02-03	12-MW-02-DS-03	0.26	0.26	0.3	0.0	1.56
Beryllium	05-MW-03-03	05-MW-03-DS-03	<0.000554 (J)	<0.000554 (J)	NC	NC	NC
Beryllium	05-MW-14-01	05-MW-14-DS-01	<0.000554 (J)	<0.000554 (J)	NC	NC	NC
Beryllium	06-MW-07-01	06-MW-07-DS-01	<0.000554 (J)	<0.000554 (J)	NC	NC	NC
Beryllium	07-MW-02-DS-03	07-MW-02-DS-03	<0.000550 (J)	< 0.0022 (J)	NC	NC	NC
Beryllium	07-MW-02-03	07-MW-02-DS-03	<0.000550 (J)	<0.000550 (J)	NC	NC	NC
Beryllium	12-MW-02-03	12-MW-02-DS-03	<0.000550 (J)	<0.000550 (J)	NC	NC	NC
Cadmium	05-MW-03-03	05-MW-03-DS-03	< 0.0017 (J)	< 0.0017 (J)	NC	NC	NC

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Cadmium	05-MW-14-01	05-MW-14-DS-01	0.0043	0.0032 (B)	0.0	0.0	30.87
Cadmium	06-MW-07-01	06-MW-07-DS-01	0.0029 (B)	0.0018 (B)	0.0	0.0	44.97
Cadmium	07-MW-02-03	07-MW-02-DS-03	< 0.0017 (J)	< 0.0017 (J)	NC	NC	NC
Cadmium	07-MW-02-DS-03	07-MW-02-DS-03	< 0.0017 (J)	< 0.0068 (J)	NC	NC	NC
Cadmium	12-MW-02-03	12-MW-02-DS-03	< 0.0017 (J)	< 0.0017 (J)	NC	NC	NC
Calcium	05-MW-03-03	05-MW-03-DS-03	174.0	172.0	173.0	1.4	1.16
Calcium	05-MW-14-01	05-MW-14-DS-01	176.0	173.0	174.5	2.1	1.72
Calcium	06-MW-07-01	06-MW-07-DS-01	233.0	228.0	230.5	3.5	2.17
Calcium	07-MW-02-03	07-MW-02-DS-03	105.0	105.0	105.0	0.0	0.00
Calcium	07-MW-02-DS-03	07-MW-02-DS-03	105.0	108.0	106.5	2.1	2.82
Calcium	12-MW-02-03	12-MW-02-DS-03	146.0	146.0	146.0	0.0	0.00
Chromium	05-MW-03-03	05-MW-03-DS-03	< 0.0025 (J)	< 0.0025 (J)	NC	NC	NC
Chromium	05-MW-14-01	05-MW-14-DS-01	< 0.0025 (J)	< 0.0025 (J)	NC	NC	NC
Chromium	06-MW-07-01	06-MW-07-DS-01	< 0.0025 (J)	< 0.0025 (J)	NC	NC	NC
Chromium	07-MW-02-DS-03	07-MW-02-DS-03	0.0082	< 0.010 (J)	NC	NC	NC
Chromium	07-MW-02-03	07-MW-02-DS-03	0.0036 (B)	0.0082	0.0	0.0	77.42
Chromium	12-MW-02-03	12-MW-02-DS-03	0.0031 (B)	< 0.0025 (J)	NC	NC	NC
Cobalt	05-MW-03-03	05-MW-03-DS-03	0.0075	0.0074	0.0	0.0	1.61
Cobalt	05-MW-14-01	05-MW-14-DS-01	0.0055	0.0037 (B)	0.0	0.0	41.13
Cobalt	06-MW-07-01	06-MW-07-DS-01	0.0077	0.0099	0.0	0.0	25.01
Cobalt	07-MW-02-DS-03	07-MW-02-DS-03	< 0.0034 (J)	< 0.014 (J)	NC	NC	NC
Cobalt	07-MW-02-03	07-MW-02-DS-03	< 0.0034 (J)	< 0.0034 (J)	NC	NC	NC
Cobalt	12-MW-02-03	12-MW-02-DS-03	< 0.0034 (J)	< 0.0034 (J)	NC	NC	NC
Copper	05-MW-03-03	05-MW-03-DS-03	< 0.0038 (J)	< 0.0038 (J)	NC	NC	NC
Copper	05-MW-14-01	05-MW-14-DS-01	0.0099 (B)	0.0082 (B)	0.0	0.0	18.52
Copper	06-MW-07-01	06-MW-07-DS-01	< 0.0038 (J)	< 0.0038 (J)	NC	NC	NC
Copper	07-MW-02-DS-03	07-MW-02-DS-03	< 0.0038 (J)	< 0.015 (J)	NC	NC	NC
Copper	07-MW-02-03	07-MW-02-DS-03	< 0.0038 (J)	< 0.0038 (J)	NC	NC	NC
Copper	12-MW-02-03	12-MW-02-DS-03	< 0.0038 (J)	< 0.0038 (J)	NC	NC	NC
Iron	05-MW-03-03	05-MW-03-DS-03	57.2	55.5	56.4	1.2	3.02
Iron	05-MW-14-01	05-MW-14-DS-01	< 0.0060 (J)	< 0.0060 (J)	NC	NC	NC
Iron	06-MW-07-01	06-MW-07-DS-01	0.35	0.22	0.3	0.1	47.45
Iron	07-MW-02-DS-03	07-MW-02-DS-03	12.6	13.0	12.8	0.3	3.13
Iron	07-MW-02-03	07-MW-02-DS-03	12.6	12.6	12.6	0.0	0.00
Iron	12-MW-02-03	12-MW-02-DS-03	0.091 (B)	0.038 (B)	0.1	0.0	82.65

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Lead	05-MW-03-03	05-MW-03-DS-03	< 0.027 (J)	< 0.027 (J)	NC	NC	NC
Lead	05-MW-14-01	05-MW-14-DS-01	< 0.027 (J)	< 0:027 (J)	NC	NC	NC
Lead	06-MW-07-01	06-MW-07-DS-01	< 0.027 (J)	< 0.027 (J)	NC	NC	NC
Lead	07-MW-02-03	07-MW-02-DS-03	< 0.027 (J)	< 0.027 (J)	NC	NC	NC
Lead	07-MW-02-DS-03	07-MW-02-DS-03	< 0.027 (J)	< 0.11 (J)	NC	NC	NC
Lead	12-MW-02-03	12-MW-02-DS-03	< 0.027 (J)	< 0.027 (J)	NC	NC	NC
Magnesium	05-MW-03-03	05-MW-03-DS-03	30.3	30.0	30.2	0.2	1.00
Magnesium	05-MW-14-01	05-MW-14-DS-01	32.6	31.9	32.3	0.5	2.17
Magnesium	06-MW-07-01	06-MW-07-DS-01	62.6	61.5	62.1	0.8	1.77
Magnesium	07-MW-02-03	07-MW-02-DS-03	99.6	99.1	99.4	0.4	0.50
Magnesium	07-MW-02-DS-03	07-MW-02-DS-03	99.1	101.0	100.1	1.3	1.90
Magnesium	12-MW-02-03	12-MW-02-DS-03	26.8	26.9	26.9	0.1	0.37
Manganese	05-MW-03-03	05-MW-03-DS-03	11.2	11.0	11.1	0.1	1.80
Manganese	05-MW-14-01	05-MW-14-DS-01	0.38	0.39	0.4	0.0	2.85
Manganese	06-MW-07-01	06-MW-07-DS-01	1.8	2.0	1.9	0.1	10.81
Manganese	07-MW-02-DS-03	07-MW-02-DS-03	0.16	0.16	0.2	0.0	2.50
Manganese	07-MW-02-03	07-MW-02-DS-03	0.16	0.16	0.2	0.0	1.92
Manganese	12-MW-02-03	12-MW-02-DS-03	0.075	0.056	0.1	0.0	29.75
Molybdenum	05-MW-03-03	05-MW-03-DS-03	< 0.0046 (J)	< 0.0046 (J)	NC	NC	NC
Molybdenum	05-MW-14-01	05-MW-14-DS-01	< 0.0046 (J)	< 0.0046 (J)	NC	NC	NC
Molybdenum	06-MW-07-01	06-MW-07-DS-01	< 0.0046 (J)	< 0.0046 (J)	NC	NC	NC
Molybdenum	07-MW-02-DS-03	07-MW-02-DS-03	< 0.0046 (J)	< 0.018 (J)	NC	NC	NC
Molybdenum	07-MW-02-03	07-MW-02-DS-03	< 0.0046 (J)	< 0.0046 (J)	NC	NC	NC
Molybdenum	12-MW-02-03	12-MW-02-DS-03	< 0.0046 (J)	< 0.0046 (J)	NC	NC	NC
Nickel	05-MW-03-03	05-MW-03-DS-03	< 0.0099 (J)	< 0.0099 (J)	NC	NC	NC
Nickel	05-MW-14-01	05-MW-14-DS-01	0.014	< 0.0099 (J)	NC	NC	NC
Nickel	06-MW-07-01	06-MW-07-DS-01	0.016	0.023	0.0	0.0	33.08
Nickel	07-MW-02-DS-03	07-MW-02-DS-03	< 0.0099 (J)	< 0.040 (J)	NC	NC	NC
Nickel	07-MW-02-03	07-MW-02-DS-03	< 0.0099 (J)	< 0.0099 (J)	NC	NC	NC
Nickel	12-MW-02-03	12-MW-02-DS-03	< 0.0099 (J)	< 0.0099 (J)	NC	NC	NC
Potassium	05-MW-03-03	05-MW-03-DS-03	5.4	5.5	5.4	0.1	2.02
Potassium	05-MW-14-01	05-MW-14-DS-01	4.4	4.0	4.2	0.2	7.89
Potassium	06-MW-07-01	06-MW-07-DS-01	5.8	5.9	5.9	0.1	1.70
Potassium	07-MW-02-03	07-MW-02-DS-03	5.1	4.8	4.9	0.3	7.29
Potassium	07-MW-02-DS-03	07-MW-02-DS-03	4.8	4.6	4.7	0.1	2.55

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Potassium	12-MW-02-03	12-MW-02-DS-03	2.2	2.5	2.3	0.2	13.22
Selenium	05-MW-03-03	05-MW-03-DS-03	< 0.042 (J)	< 0.042 (J)	NC	NC	NC
Selenium	05-MW-14-01	05-MW-14-DS-01	< 0.042 (J)	< 0.042 (J)	NC	NC	NC
Selenium	06-MW-07-01	06-MW-07-DS-01	< 0.042 (J)	< 0.042 (J)	NC	NC	NC
Selenium	07-MW-02-03	07-MW-02-DS-03	< 0.042 (J)	< 0.042 (J)	NC	NC	NC
Selenium	07-MW-02-DS-03	07-MW-02-DS-03	< 0.042 (J)	< 0.17 (J)	NC	NC	NC
Selenium	12-MW-02-03	12-MW-02-DS-03	< 0.042 (J)	< 0.042 (J)	NC	NC	NC
Silver	05-MW-03-03	05-MW-03-DS-03	< 0.0049 (J)	< 0.0049 (J)	NC	NC	NC
Silver	05-MW-14-01	05-MW-14-DS-01	< 0.0049 (J)	< 0.0049 (J)	NC	NC	NC
Silver	06-MW-07-01	06-MW-07-DS-01	< 0.0049 (J)	< 0.0049 (J)	NC	NC	NC
Silver	07-MW-02-03	07-MW-02-DS-03	< 0.0049 (J)	< 0.0049 (J)	NC	NC	NC
Silver	07-MW-02-DS-03	07-MW-02-DS-03	< 0.0049 (J)	< 0.020 (J)	NC	NC	NC
Silver	12-MW-02-03	12-MW-02-DS-03	< 0.0049 (J)	< 0.0049 (J)	NC	NC	NC
Sodium	05-MW-03-03	05-MW-03-DS-03	4.3	4.4	4.3	0.0	1.15
Sodium	05-MW-14-01	05-MW-14-DS-01	9.4	9.1	9.3	0.2	3.56
Sodium	06-MW-07-01	06-MW-07-DS-01	14.0	13.8	13.9	0.1	1.44
Sodium	07-MW-02-DS-03	07-MW-02-DS-03	60.9	61.6	61.3	0.5	1.14
Sodium	07-MW-02-03	07-MW-02-DS-03	61.0	60.9	61.0	0.1	0.16
Sodium	12-MW-02-03	12-MW-02-DS-03	4.5	4.5	4.5	0.0	0.22
Thallium	05-MW-03-03	05-MW-03-DS-03	< 0.017 (J)	< 0.017 (J)	NC	NC	NC
Thallium	05-MW-14-01	05-MW-14-DS-01	< 0.017 (J)	< 0.017 (J)	NC	NC	NC
Thallium	06-MW-07-01	06-MW-07-DS-01	< 0.017 (J)	< 0.017 (J)	NC	NC	NC
Thallium	07-MW-02-03	07-MW-02-DS-03	< 0.017 (J)	0.024 (B)	NC	NC	NC
Thallium	07-MW-02-DS-03	07-MW-02-DS-03	0.024 (B)	< 0.068 (J)	NC	NC	NC
Thallium	12-MW-02-03	12-MW-02-DS-03	< 0.017 (J)	< 0.017 (J)	NC	NC	NC
Vanadium	05-MW-03-03	05-MW-03-DS-03	< 0.0024 (J)	0.0025 (B)	NC	NC	NC
Vanadium	05-MW-14-01	05-MW-14-DS-01	< 0.0024 (J)	< 0.0024 (J)	NC	NC	NC
Vanadium	06-MW-07-01	06-MW-07-DS-01	< 0.0024 (J)	< 0.0024 (J)	NC	NC	NC
Vanadium	07-MW-02-03	07-MW-02-DS-03	0.0025 (B)	0.0025 (B)	0.0	0.0	2.79
Vanadium	07-MW-02-DS-03	07-MW-02-DS-03	0.0025 (B)	< 0.0096 (J)	NC	NC	NC
Vanadium	12-MW-02-03	12-MW-02-DS-03	< 0.0024 (J)	< 0.0024 (J)	NC	NC	NC
Zinc	05-MW-03-03	05-MW-03-DS-03	0.0059 (B)	0.0085	0.0	0.0	36.48
Zinc	05-MW-14-01	05-MW-14-DS-01	0.0023 (B)	0.0029 (B)	0.0	0.0	21.88
Zinc	06-MW-07-01	06-MW-07-DS-01	0.0074 (B)	0.0060 (B)	0.0	0.0	21.42
Zinc	07-MW-02-DS-03	07-MW-02-DS-03	0.0094	0.0067 (B)	0.0	0.0	34.04

Compiled: 10 May 1994

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Zinc	07-MW-02-03	07-MW-02-DS-03	0.0039 (B)	0.0094	0.0	0.0	83.95
Zinc	12-MW-02-03	12-MW-02-DS-03	0.0022 (B)	< 0.0015 (J)	NC	NC	NC
Type = Laboratory Control Duplicate (mg/L)							
Aluminum	LCS93-1202	LCSD93-1202	97.0	99.0	98.0	1.4	2.04
Aluminum	LCS93-1336	LCSD93-1336	98.0	98.0	98.0	0.0	0.00
Aluminum	LCS93-1475	LCSD93-1475	98.0	100.0	99.0	1.4	2.02
Aluminum	LCS933746	LCSD933746	94.0	94.0	94.0	0.0	0.00
Aluminum	LCS933866	LCSD933866	97.0	97.0	97.0	0.0	0.00
Aluminum	LCS933866	LCSD933866	97.0	98.0	97.5	0.7	1.03
Aluminum	LCS933905	LCSD933905	96.0	97.0	96.5	0.7	1.04
Aluminum	LCS933905	LCSD933905	93.0	94.0	93.5	0.7	1.07
Aluminum	LCS934378	LCSD934378	95.0	95.0	95.0	0.0	0.00
Aluminum	LCS934413	LCSD934413	94.0	95.0	94.5	0.7	1.06
Aluminum	LCS934458	LCSD934458	95.0	95.0	95.0	0.0	0.00
Aluminum	LCS934612	LCSD934612	96.0	98.0	97.0	1.4	2.06
Aluminum	LCS934612	LCSD934612	97.0	97.0	97.0	0.0	0.00
Aluminum	LCS934625	LCSD934625	99.0	100.0	99.5	0.7	1.01
Antimony	LCS93-1202	LCSD93-1202	94.0	98.0	96.0	2.8	4.17
Antimony	LCS93-1336	LCSD93-1336	93.0	93.0	93.0	0.0	0.00
Antimony	LCS93-1475	LCSD93-1475	96.0	99.0	97.5	2.1	3.08
Antimony	LCS933746	LCSD933746	96.0	92.0	94.0	2.8	4.26
Antimony	LCS933866	LCSD933866	100.0	96.0	98.0	2.8	4.08
Antimony	LCS933866	LCSD933866	95.0	96.0	95.5	0.7	1.05
Antimony	LCS933905	LCSD933905	91.0	92.0	91.5	0.7	1.09
Antimony	LCS933905	LCSD933905	89.0	91.0	90.0	1.4	2.22
Antimony	LCS934378	LCSD934378	96.0	96.0	96.0	0.0	0.00
Antimony	LCS934413	LCSD934413	89.0	86.0	87.5	2.1	3.43
Antimony	LCS934458	LCSD934458	93.0	90.0	91.5	2.1	3.28
Antimony	LCS934612	LCSD934612	97.0	99.0	98.0	1.4	2.04
Antimony	LCS934612	LCSD934612	93.0	94.0	93.5	0.7	1.07
Antimony	LCS934625	LCSD934625	98.0	100.0	99.0	1.4	2.02
Arsenic	LCS93-1202	LCSD93-1202	94.0	97.0	95.5	2.1	3.14
Arsenic	LCS93-1336	LCSD93-1336	97.0	95.0	96.0	1.4	2.08

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TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Arsenic	LCS93-1475	LCSD93-1475	97.0	98.0	97.5	0.7	1.03
Arsenic	LCS933746	LCSD933746	100.0	95.0	97.5	3.5	5.13
Arsenic	LCS933866	LCSD933866	95.0	99.0	97.0	2.8	4.12
Arsenic	LCS933866	LCSD933866	97.0	100.0	98.5	2.1	3.05
Arsenic	LCS933905	LCSD933905	92.0	94.0	93.0	1.4	2.15
Arsenic	LCS933905	LCSD933905	93.0	91.0	92.0	1.4	2.17
Arsenic	LCS934378	LCSD934378	97.0	96.0	96.5	0.7	1.04
Arsenic	LCS934413	LCSD934413	89.0	92.0	90.5	2.1	3.31
Arsenic	LCS934458	LCSD934458	96.0	95.0	95.5	0.7	1.05
Arsenic	LCS934612	LCSD934612	98.0	99.0	98.5	0.7	1.02
Arsenic	LCS934612	LCSD934612	94.0	98.0	96.0	2.8	4.17
Arsenic	LCS934625	LCSD934625	96.0	97.0	96.5	0.7	1.04
Barium	LCS93-1202	LCSD93-1202	97.0	99.0	98.0	1.4	2.04
Barium	LCS93-1336	LCSD93-1336	98.0	97.0	97.5	0.7	1.03
Barium	LCS93-1475	LCSD93-1475	97.0	98.0	97.5	0.7	1.03
Barium	LCS933746	LCSD933746	99.0	99.0	99.0	0.0	0.00
Barium	LCS933866	LCSD933866	98.0	99.0	98.5	0.7	1.02
Barium	LCS933866	LCSD933866	96.0	96.0	96.0	0.0	0.00
Barium	LCS933905	LCSD933905	93.0	94.0	93.5	0.7	1.07
Barium	LCS933905	LCSD933905	95.0	96.0	95.5	0.7	1.05
Barium	LCS934378	LCSD934378	97.0	97.0	97.0	0.0	0.00
Barium	LCS934413	LCSD934413	91.0	92.0	91.5	0.7	1.09
Barium	LCS934458	LCSD934458	94.0	93.0	93.5	0.7	1.07
Barium	LCS934612	LCSD934612	96.0	96.0	96.0	0.0	0.00
Barium	LCS934612	LCSD934612	100.0	100.0	100.0	0.0	0.00
Barium	LCS934625	LCSD934625	99.0	99.0	99.0	0.0	0.00
Beryllium	LCS93-1202	LCSD93-1202	97.0	99.0	98.0	1.4	2.04
Beryllium	LCS93-1336	LCSD93-1336	99.0	98.0	98.5	0.7	1.02
Beryllium	LCS93-1475	LCSD93-1475	98.0	99.0	98.5	0.7	1.02
Beryllium	LCS933746	LCSD933746	101.0	101.0	101.0	0.0	0.00
Beryllium	LCS933866	LCSD933866	99.0	99.0	99.0	0.0	0.00
Beryllium	LCS933866	LCSD933866	98.0	98.0	98.0	0.0	0.00
Beryllium	LCS933905	LCSD933905	93.0	93.0	93.0	0.0	0.00
Beryllium	LCS933905	LCSD933905	94.0	95.0	94.5	0.7	1.06
Beryllium	LCS934378	LCSD934378	100.0	100.0	100.0	0.0	0.00

Compiled: 10 May 1994

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Beryllium	LCS934413	LCSD934413	90.0	91.0	90.5	0.7	1.10
Beryllium	LCS934458	LCSD934458	95.0	94.0	94.5	0.7	1.06
Beryllium	LCS934612	LCSD934612	96.0	98.0	97.0	1.4	2.06
Beryllium	LCS934612	LCSD934612	101.0	101.0	101.0	0.0	0.00
Beryllium	LCS934625	LCSD934625	101.0	102.0	101.5	0.7	0.99
Cadmium	LCS93-1202	LCSD93-1202	95.0	97.0	96.0	1.4	2.08
Cadmium	LCS93-1336	LCSD93-1336	96.0	96.0	96.0	0.0	0.00
Cadmium	LCS93-1475	LCSD93-1475	95.0	96.0	95.5	0.7	1.05
Cadmium	LCS933746	LCSD933746	96.0	96.0	96.0	0.0	0.00
Cadmium	LCS933866	LCSD933866	95.0	95.0	95.0	0.0	0.00
Cadmium	LCS933866	LCSD933866	94.0	95.0	94.5	0.7	1.06
Cadmium	LCS933905	LCSD933905	90.0	91.0	90.5	0.7	1.10
Cadmium	LCS933905	LCSD933905	89.0	90.0	89.5	0.7	1.12
Cadmium	LCS934378	LCSD934378	95.0	95.0	95.0	0.0	0.00
Cadmium	LCS934413	LCSD934413	88.0	89.0	88.5	0.7	1.13
Cadmium	LCS934458	LCSD934458	94.0	93.0	93.5	0.7	1.07
Cadmium	LCS934612	LCSD934612	95.0	96.0	95.5	0.7	1.05
Cadmium	LCS934612	LCSD934612	97.0	98.0	97.5	0.7	1.03
Cadmium	LCS934625	LCSD934625	97.0	97.0	97.0	0.0	0.00
Calcium	LCS93-1202	LCSD93-1202	101.0	102.0	101.5	0.7	0.99
Calcium	LCS93-1336	LCSD93-1336	102.0	102.0	102.0	0.0	0.00
Calcium	LCS93-1475	LCSD93-1475	102.0	103.0	102.5	0.7	0.98
Calcium	LCS933746	LCSD933746	98.0	99.0	98.5	0.7	1.02
Calcium	LCS933866	LCSD933866	99.0	100.0	99.5	0.7	1.01
Calcium	LCS933866	LCSD933866	102.0	102.0	102.0	0.0	0.00
Calcium	LCS933905	LCSD933905	97.0	98.0	97.5	0.7	1.03
Calcium	LCS933905	LCSD933905	94.0	95.0	94.5	0.7	1.06
Calcium	LCS934378	LCSD934378	101.0	101.0	101.0	0.0	0.00
Calcium	LCS934413	LCSD934413	94.0	95.0	94.5	0.7	1.06
Calcium	LCS934458	LCSD934458	98.0	98.0	98.0	0.0	0.00
Calcium	LCS934612	LCSD934612	100.0	101.0	100.5	0.7	1.00
Calcium	LCS934612	LCSD934612	103.0	103.0	103.0	0.0	0.00
Calcium	LCS934625	LCSD934625	107.0	107.0	107.0	0.0	0.00
Chromium	LCS93-1202	LCSD93-1202	96.0	97.0	96.5	0.7	1.04
Chromium	LCS93-1336	LCSD93-1336	97.0	97.0	97.0	0.0	0.00

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Chromium	LCS93-1475	LCSD93-1475	98.0	99.0	98.5	0.7	1.02
Chromium	LCS933746	LCSD933746	98.0	97.0	97.5	0.7	1.03
Chromium	LCS933866	LCSD933866	97.0	98.0	97.5	0.7	1.03
Chromium	LCS933866	LCSD933866	97.0	97.0	97.0	0.0	0.00
Chromium	LCS933905	LCSD933905	94.0	94.0	94.0	0.0	0.00
Chromium	LCS933905	LCSD933905	93.0	93.0	93.0	0.0	0.00
Chromium	LCS934378	LCSD934378	97.0	97.0	97.0	0.0	0.00
Chromium	LCS934413	LCSD934413	90.0	91.0	90.5	0.7	1.10
Chromium	LCS934458	LCSD934458	94.0	93.0	93.5	0.7	1.07
Chromium	LCS934612	LCSD934612	95.0	97.0	96.0	1.4	2.08
Chromium	LCS934612	LCSD934612	100.0	100.0	100.0	0.0	0.00
Chromium	LCS934625	LCSD934625	99.0	100.0	99.5	0.7	1.01
Cobalt	LCS93-1202	LCSD93-1202	95.0	97.0	96.0	1.4	2.08
Cobalt	LCS93-1336	LCSD93-1336	96.0	96.0	96.0	0.0	0.00
Cobalt	LCS93-1475	LCSD93-1475	98.0	98.0	98.0	0.0	0.00
Cobalt	LCS933746	LCSD933746	96.0	97.0	96.5	0.7	1.04
Cobalt	LCS933866	LCSD933866	95.0	96.0	95.5	0.7	1.05
Cobalt	LCS933866	LCSD933866	95.0	96.0	95.5	0.7	1.05
Cobalt	LCS933905	LCSD933905	91.0	91.0	91.0	0.0	0.00
Cobalt	LCS933905	LCSD933905	90.0	91.0	90.5	0.7	1.10
Cobalt	LCS934378	LCSD934378	97.0	96.0	96.5	0.7	1.04
Cobalt	LCS934413	LCSD934413	88.0	89.0	88.5	0.7	1.13
Cobalt	LCS934458	LCSD934458	92.0	92.0	92.0	0.0	0.00
Cobalt	LCS934612	LCSD934612	98.0	98.0	98.0	0.0	0.00
Cobalt	LCS934612	LCSD934612	94.0	95.0	94.5	0.7	1.06
Cobalt	LCS934625	LCSD934625	98.0	99.0	98.5	0.7	1.02
Copper	LCS93-1202	LCSD93-1202	97.0	99.0	98.0	1.4	2.04
Copper	LCS93-1336	LCSD93-1336	98.0	98.0	98.0	0.0	0.00
Copper	LCS93-1475	LCSD93-1475	98.0	98.0	98.0	0.0	0.00
Copper	LCS933452	LCSD933452	101.0	101.0	101.0	0.0	0.00
Copper	LCS933866	LCSD933866	98.0	97.0	97.5	0.7	1.03
Copper	LCS933866	LCSD933866	97.0	97.0	97.0	0.0	0.00
Copper	LCS933905	LCSD933905	93.0	93.0	93.0	0.0	0.00
Copper	LCS933905	LCSD933905	93.0	93.0	93.0	0.0	0.00
Copper	LCS934378	LCSD934378	96.0	96.0	96.0	0.0	0.00

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Copper	LCS934413	LCSD934413	89.0	90.0	89.5	0.7	1.12
Copper	LCS934458	LCSD934458	93.0	93.0	93.0	0.0	0.00
Copper	LCS934612	LCSD934612	95.0	96.0	95.5	0.7	1.05
Copper	LCS934612	LCSD934612	99.0	98.0	98.5	0.7	1.02
Copper	LCS934625	LCSD934625	98.0	99.0	98.5	0.7	1.02
Iron	LCS93-1202	LCSD93-1202	95.0	97.0	96.0	1.4	2.08
Iron	LCS93-1336	LCSD93-1336	96.0	96.0	96.0	0.0	0.00
Iron	LCS93-1475	LCSD93-1475	98.0	100.0	99.0	1.4	2.02
Iron	LCS933746	LCSD933746	95.0	95.0	95.0	0.0	0.00
Iron	LCS933866	LCSD933866	98.0	99.0	98.5	0.7	1.02
Iron	LCS933866	LCSD933866	98.0	98.0	98.0	0.0	0.00
Iron	LCS933905	LCSD933905	92.0	93.0	92.5	0.7	1.08
Iron	LCS933905	LCSD933905	93.0	94.0	93.5	0.7	1.07
Iron	LCS934378	LCSD934378	97.0	97.0	97.0	0.0	0.00
Iron	LCS934413	LCSD934413	91.0	92.0	91.5	0.7	1.09
Iron	LCS934458	LCSD934458	94.0	94.0	94.0	0.0	0.00
Iron	LCS934612	LCSD934612	96.0	97.0	96.5	0.7	1.04
Iron	LCS934612	LCSD934612	101.0	100.0	100.5	0.7	1.00
Iron	LCS934625	LCSD934625	103.0	104.0	103.5	0.7	0.97
Lead	LCS93-1202	LCSD93-1202	99.0	97.0	98.0	1.4	2.04
Lead	LCS93-1336	LCSD93-1336	100.0	98.0	99.0	1.4	2.02
Lead	LCS93-1475	LCSD93-1475	100.0	98.0	99.0	1.4	2.02
Lead	LCS933746	LCSD933746	96.0	97.0	96.5	0.7	1.04
Lead	LCS933866	LCSD933866	100.0	99.0	99.5	0.7	1.01
Lead	LCS933866	LCSD933866	96.0	97.0	96.5	0.7	1.04
Lead	LCS933905	LCSD933905	94.0	92.0	93.0	1.4	2.15
Lead	LCS933905	LCSD933905	93.0	94.0	93.5	0.7	1.07
Lead	LCS934378	LCSD934378	97.0	97.0	97.0	0.0	0.00
Lead	LCS934413	LCSD934413	89.0	91.0	90.0	1.4	2.22
Lead	LCS934458	LCSD934458	94.0	92.0	93.0	1.4	2.15
Lead	LCS934612	LCSD934612	96.0	100.0	98.0	2.8	4.08
Lead	LCS934612	LCSD934612	98.0	102.0	100.0	2.8	4.00
Lead	LCS934625	LCSD934625	101.0	97.0	99.0	2.8	4.04
Magnesium	LCS93-1202	LCSD93-1202	97.0	99.0	98.0	1.4	2.04
Magnesium	LCS93-1336	LCSD93-1336	98.0	98.0	98.0	0.0	0.00

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TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Magnesium	LCS93-1475	LCSD93-1475	98.0	100.0	99.0	1.4	2.02
Magnesium	LCS933746	LCSD933746	94.0	94.0	94.0	0.0	0.00
Magnesium	LCS933866	LCSD933866	97.0	98.0	97.5	0.7	1.03
Magnesium	LCS933866	LCSD933866	97.0	97.0	97.0	0.0	0.00
Magnesium	LCS933905	LCSD933905	93.0	93.0	93.0	0.0	0.00
Magnesium	LCS933905	LCSD933905	94.0	94.0	94.0	0.0	0.00
Magnesium	LCS934378	LCSD934378	96.0	95.0	95.5	0.7	1.05
Magnesium	LCS934413	LCSD934413	93.0	93.0	93.0	0.0	0.00
Magnesium	LCS934458	LCSD934458	95.0	95.0	95.0	0.0	0.00
Magnesium	LCS934612	LCSD934612	97.0	98.0	97.5	0.7	1.03
Magnesium	LCS934612	LCSD934612	98.0	98.0	98.0	0.0	0.00
Magnesium	LCS934625	LCSD934625	100.0	100.0	100.0	0.0	0.00
Manganese	LCS93-1202	LCSD93-1202	95.0	97.0	96.0	1.4	2.08
Manganese	LCS93-1336	LCSD93-1336	96.0	96.0	96.0	0.0	0.00
Manganese	LCS93-1475	LCSD93-1475	97.0	98.0	97.5	0.7	1.03
Manganese	LCS933746	LCSD933746	97.0	97.0	97.0	0.0	0.00
Manganese	LCS933866	LCSD933866	96.0	96.0	96.0	0.0	0.00
Manganese	LCS933866	LCSD933866	96.0	97.0	96.5	0.7	1.04
Manganese	LCS933905	LCSD933905	92.0	93.0	92.5	0.7	1.08
Manganese	LCS933905	LCSD933905	92.0	92.0	92.0	0.0	0.00
Manganese	LCS934378	LCSD934378	97.0	96.0	96.5	0.7	1.04
Manganese	LCS934413	LCSD934413	89.0	90.0	89.5	0.7	1.12
Manganese	LCS934458	LCSD934458	93.0	92.0	92.5	0.7	1.08
Manganese	LCS934612	LCSD934612	95.0	95.0	95.0	0.0	0.00
Manganese	LCS934612	LCSD934612	99.0	99.0	99.0	0.0	0.00
Manganese	LCS934625	LCSD934625	98.0	99.0	98.5	0.7	1.02
Molybdenum	LCS93-1202	LCSD93-1202	94.0	96.0	95.0	1.4	2.11
Molybdenum	LCS93-1336	LCSD93-1336	95.0	96.0	95.5	0.7	1.05
Molybdenum	LCS93-1475	LCSD93-1475	96.0	97.0	96.5	0.7	1.04
Molybdenum	LCS933746	LCSD933746	93.0	94.0	93.5	0.7	1.07
Molybdenum	LCS933866	LCSD933866	94.0	94.0	94.0	0.0	0.00
Molybdenum	LCS933866	LCSD933866	95.0	96.0	95.5	0.7	1.05
Molybdenum	LCS933905	LCSD933905	90.0	91.0	90.5	0.7	1.10
Molybdenum	LCS933905	LCSD933905	92.0	92.0	92.0	0.0	0.00
Molybdenum	LCS934413	LCSD934413	88.0	89.0	88.5	0.7	1.13

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Molybdenum	LCS934458	LCSD934458	91.0	91.0	91.0	0.0	0.00
Molybdenum	LCS934612	LCSD934612	94.0	94.0	94.0	0.0	0.00
Molybdenum	LCS934612	LCSD934612	93.0	94.0	93.5	0.7	1.07
Molybdenum	LCS934625	LCSD934625	98.0	98.0	98.0	0.0	0.00
Nickel	LCS93-1202	LCSD93-1202	96.0	98.0	97.0	1.4	2.06
Nickel	LCS93-1336	LCSD93-1336	95.0	96.0	95.5	0.7	1.05
Nickel	LCS93-1475	LCSD93-1475	98.0	98.0	98.0	0.0	0.00
Nickel	LCS933746	LCSD933746	96.0	99.0	97.5	2.1	3.08
Nickel	LCS933866	LCSD933866	99.0	98.0	98.5	0.7	1.02
Nickel	LCS933866	LCSD933866	98.0	98.0	98.0	0.0	0.00
Nickel	LCS933905	LCSD933905	91.0	92.0	91.5	0.7	1.09
Nickel	LCS933905	LCSD933905	94.0	94.0	94.0	0.0	0.00
Nickel	LCS934378	LCSD934378	99.0	97.0	98.0	1.4	2.04
Nickel	LCS934413	LCSD934413	90.0	91.0	90.5	0.7	1.10
Nickel	LCS934458	LCSD934458	95.0	93.0	94.0	1.4	2.13
Nickel	LCS934612	LCSD934612	100.0	101.0	100.5	0.7	1.00
Nickel	LCS934612	LCSD934612	96.0	97.0	96.5	0.7	1.04
Nickel	LCS934625	LCSD934625	100.0	99.0	99.5	0.7	1.01
Potassium	LCS93-1202	LCSD93-1202	94.0	95.0	94.5	0.7	1.06
Potassium	LCS93-1336	LCSD93-1336	96.0	96.0	96.0	0.0	0.00
Potassium	LCS93-1475	LCSD93-1475	98.0	97.0	97.5	0.7	1.03
Potassium	LCS933746	LCSD933746	92.0	92.0	92.0	0.0	0.00
Potassium	LCS933866	LCSD933866	97.0	98.0	97.5	0.7	1.03
Potassium	LCS933866	LCSD933866	93.0	93.0	93.0	0.0	0.00
Potassium	LCS933905	LCSD933905	95.0	94.0	94.5	0.7	1.06
Potassium	LCS933905	LCSD933905	89.0	89.0	89.0	0.0	0.00
Potassium	LCS934378	LCSD934378	92.0	93.0	92.5	0.7	1.08
Potassium	LCS934413	LCSD934413	91.0	90.0	90.5	0.7	1.10
Potassium	LCS934458	LCSD934458	91.0	93.0	92.0	1.4	2.17
Potassium	LCS934612	LCSD934612	95.0	95.0	95.0	0.0	0.00
Potassium	LCS934612	LCSD934612	96.0	97.0	96.5	0.7	1.04
Potassium	LCS934625	LCSD934625	95.0	97.0	96.0	1.4	2.08
Selenium	LCS93-1202	LCSD93-1202	97.0	99.0	98.0	1.4	2.04
Selenium	LCS93-1336	LCSD93-1336	98.0	99.0	98.5	0.7	1.02
Selenium	LCS93-1475	LCSD93-1475	93.0	97.0	95.0	2.8	4.21

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TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Selenium	LCS933746	LCSD933746	93.0	96.0	94.5	2.1	3.17
Selenium	LCS933866	LCSD933866	97.0	93.0	95.0	2.8	4.21
Selenium	LCS933866	LCSD933866	96.0	96.0	96.0	0.0	0.00
Selenium	LCS933905	LCSD933905	93.0	89.0	91.0	2.8	4.40
Selenium	LCS933905	LCSD933905	94.0	94.0	94.0	0.0	0.00
Selenium	LCS934378	LCSD934378	100.0	99.0	99.5	0.7	1.01
Selenium	LCS934413	LCSD934413	90.0	91.0	90.5	0.7	1.10
Selenium	LCS934458	LCSD934458	91.0	91.0	91.0	0.0	0.00
Selenium	LCS934612	LCSD934612	94.0	95.0	94.5	0.7	1.06
Selenium	LCS934612	LCSD934612	93.0	96.0	94.5	2.1	3.17
Selenium	LCS934625	LCSD934625	99.0	100.0	99.5	0.7	1.01
Silver	LCS93-1202	LCSD93-1202	95.0	96.0	95.5	0.7	1.05
Silver	LCS93-1336	LCSD93-1336	97.0	96.0	96.5	0.7	1.04
Silver	LCS93-1475	LCSD93-1475	96.0	97.0	96.5	0.7	1.04
Silver	LCS933746	LCSD933746	94.0	94.0	94.0	0.0	0.00
Silver	LCS933866	LCSD933866	93.0	93.0	93.0	0.0	0.00
Silver	LCS933866	LCSD933866	94.0	95.0	94.5	0.7	1.06
Silver	LCS933905	LCSD933905	91.0	92.0	91.5	0.7	1.09
Silver	LCS934378	LCSD934378	93.0	93.0	93.0	0.0	0.00
Silver	LCS934413	LCSD934413	90.0	91.0	90.5	0.7	1.10
Silver	LCS934458	LCSD934458	94.0	94.0	94.0	0.0	0.00
Silver	LCS934612	LCSD934612	96.0	96.0	96.0	0.0	0.00
Silver	LCS934612	LCSD934612	95.0	96.0	95.5	0.7	1.05
Silver	LCS934625	LCSD934625	95.0	95.0	95.0	0.0	0.00
Sodium	LCS93-1202	LCSD93-1202	98.0	101.0	99.5	2.1	3.02
Sodium	LCS93-1336	LCSD93-1336	99.0	99.0	99.0	0.0	0.00
Sodium	LCS93-1475	LCSD93-1475	100.0	101.0	100.5	0.7	1.00
Sodium	LCS933746	LCSD933746	90.0	90.0	90.0	0.0	0.00
Sodium	LCS933866	LCSD933866	99.0	100.0	99.5	0.7	1.01
Sodium	LCS933866	LCSD933866	97.0	97.0	97.0	0.0	0.00
Sodium	LCS933905	LCSD933905	94.0	94.0	94.0	0.0	0.00
Sodium	LCS933905	LCSD933905	95.0	96.0	95.5	0.7	1.05
Sodium	LCS934378	LCSD934378	95.0	95.0	95.0	0.0	0.00
Sodium	LCS934413	LCSD934413	93.0	94.0	93.5	0.7	1.07
Sodium	LCS934458	LCSD934458	97.0	95.0	96.0	1.4	2.08

Compiled: 10 May 1994

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Sodium	LCS934612	LCSD934612	96.0	97.0	96.5	0.7	1.04
Sodium	LCS934612	LCSD934612	96.0	97.0	96.5	0.7	1.04
Sodium	LCS934625	LCSD934625	100.0	100.0	100.0	0.0	0.00
Thallium	LCS93-1202	LCSD93-1202	98.0	95.0	96.5	2.1	3.11
Thallium	LCS93-1336	LCSD93-1336	93.0	94.0	93.5	0.7	1.07
Thallium	LCS93-1475	LCSD93-1475	97.0	98.0	97.5	0.7	1.03
Thallium	LCS933746	LCSD933746	91.0	92.0	91.5	0.7	1.09
Thallium	LCS933866	LCSD933866	95.0	96.0	95.5	0.7	1.05
Thallium	LCS933866	LCSD933866	98.0	95.0	96.5	2.1	3.11
Thallium	LCS933905	LCSD933905	90.0	90.0	90.0	0.0	0.00
Thallium	LCS933905	LCSD933905	91.0	89.0	90.0	1.4	2.22
Thallium	LCS934378	LCSD934378	95.0	97.0	96.0	1.4	2.08
Thallium	LCS934413	LCSD934413	89.0	88.0	88.5	0.7	1.13
Thallium	LCS934458	LCSD934458	92.0	91.0	91.5	0.7	1.09
Thallium	LCS934612	LCSD934612	94.0	97.0	95.5	2.1	3.14
Thallium	LCS934612	LCSD934612	93.0	93.0	93.0	0.0	0.00
Thallium	LCS934625	LCSD934625	96.0	96.0	96.0	0.0	0.00
Vanadium	LCS93-1202	LCSD93-1202	96.0	97.0	96.5	0.7	1.04
Vanadium	LCS93-1336	LCSD93-1336	96.0	96.0	96.0	0.0	0.00
Vanadium	LCS93-1475	LCSD93-1475	98.0	99.0	98.5	0.7	1.02
Vanadium	LCS933746	LCSD933746	97.0	96.0	96.5	0.7	1.04
Vanadium	LCS933866	LCSD933866	97.0	98.0	97.5	0.7	1.03
Vanadium	LCS933866	LCSD933866	96.0	96.0	96.0	0.0	0.00
Vanadium	LCS933905	LCSD933905	94.0	95.0	94.5	0.7	1.06
Vanadium	LCS933905	LCSD933905	92.0	93.0	92.5	0.7	1.08
Vanadium	LCS934378	LCSD934378	96.0	96.0	96.0	0.0	0.00
Vanadium	LCS934413	LCSD934413	91.0	92.0	91.5	0.7	1.09
Vanadium	LCS934458	LCSD934458	94.0	93.0	93.5	0.7	1.07
Vanadium	LCS934612	LCSD934612	99.0	99.0	99.0	0.0	0.00
Vanadium	LCS934612	LCSD934612	96.0	96.0	96.0	0.0	0.00
Vanadium	LCS934625	LCSD934625	97.0	99.0	98.0	1.4	2.04
Zinc	LCS93-1202	LCSD93-1202	95.0	96.0	95.5	0.7	1.05
Zinc	LCS93-1336	LCSD93-1336	96.0	96.0	96.0	0.0	0.00
Zinc	LCS93-1475	LCSD93-1475	97.0	98.0	97.5	0.7	1.03
Zinc	LCS933746	LCSD933746	95.0	95.0	95.0	0.0	0.00

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TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Zinc	LCS933866	LCSD933866	95.0	96.0	95.5	0.7	1.05
Zinc	LCS933866	LCSD933866	96.0	96.0	96.0	0.0	0.00
Zinc	LCS933905	LCSD933905	90.0	91.0	90.5	0.7	1.10
Zinc	LCS933905	LCSD933905	89.0	90.0	89.5	0.7	1.12
Zinc	LCS934378	LCSD934378	95.0	94.0	94.5	0.7	1.06
Zinc	LCS934413	LCSD934413	86.0	87.0	86.5	0.7	1.16
Zinc	LCS934458	LCSD934458	92.0	91.0	91.5	0.7	1.09
Zinc	LCS934612	LCSD934612	93.0	96.0	94.5	2.1	3.17
Zinc	LCS934612	LCSD934612	97.0	98.0	97.5	0.7	1.03
Zinc	LCS934625	LCSD934625	97.0	97.0	97.0	0.0	0.00
Type = Matrix Spike Duplicate (mg/L)							
Aluminum	05-MW-06-03	05-MW-06-03	100.0	101.0	100.5	0.7	1.00
Aluminum	05-MW-15-01 MS	05-MW-15-01 MSD	97.0	97.0	97.0	0.0	0.00
Aluminum	05-MW-15-01 MS	05-MW-15-01 MSD	98.0	96.0	97.0	1.4	2.06
Aluminum	06-MW-07-01 MS	06-MW-07-01 MSD	96.0	96.0	96.0	0.0	0.00
Aluminum	07-MW-02-DS-03 M	07-MW-02-DS-03 M	97.0	98.0	97.5	0.7	1.03
Aluminum	07-SW-03-01	07-SW-03-01	98.0	98.0	98.0	0.0	0.00
Aluminum	07-SW-03-01	07-SW-03-01	100.0	100.0	100.0	0.0	0.00
Aluminum	12-MW-02-DS-03 M	12-MW-02-DS-03 M	97.0	99.0	98.0	1.4	2.04
Antimony	05-MW-06-03	05-MW-06-03	94.0	98.0	96.0	2.8	4.17
Antimony	05-MW-15-01 MS	05-MW-15-01 MSD	94.0	95.0	94.5	0.7	1.06
Antimony	05-MW-15-01 MS	05-MW-15-01 MSD	93.0	94.0	93.5	0.7	1.07
Antimony	06-MW-07-01 MS	06-MW-07-01 MSD	87.0	90.0	88.5	2.1	3.39
Antimony	07-MW-02-DS-03 M	07-MW-02-DS-03 M	87.0	91.0	89.0	2.8	4.49
Antimony	07-SW-03-01	07-SW-03-01	98.0	99.0	98.5	0.7	1.02
Antimony	07-SW-03-01	07-SW-03-01	98.0	98.0	98.0	0.0	0.00
Antimony	12-MW-02-DS-03 M	12-MW-02-DS-03 M	99.0	94.0	96.5	3.5	5.18
Arsenic	05-MW-06-03	05-MW-06-03	95.0	98.0	96.5	2.1	3.11
Arsenic	05-MW-15-01 MS	05-MW-15-01 MSD	95.0	97.0	96.0	1.4	2.08
Arsenic	05-MW-15-01 MS	05-MW-15-01 MSD	98.0	96.0	97.0	1.4	2.06
Arsenic	06-MW-07-01 MS	06-MW-07-01 MSD	93.0	92.0	92.5	0.7	1.08
Arsenic	07-MW-02-DS-03 M	07-MW-02-DS-03 M	93.0	96.0	94.5	2.1	3.17
Arsenic	07-SW-03-01	07-SW-03-01	102.0	102.0	102.0	0.0	0.00

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Arsenic	07-SW-03-01	07-SW-03-01	97.0	97.0	97.0	0.0	0.00
Arsenic	12-MW-02-DS-03 M	12-MW-02-DS-03 M	92.0	93.0	92.5	0.7	1.08
Barium	05-MW-06-03	05-MW-06-03	98.0	99.0	98.5	0.7	1.02
Barium	05-MW-15-01 MS	05-MW-15-01 MSD	94.0	95.0	94.5	0.7	1.06
Barium	05-MW-15-01 MS	05-MW-15-01 MSD	98.0	98.0	98.0	0.0	0.00
Barium	06-MW-07-01 MS	06-MW-07-01 MSD	93.0	93.0	93.0	0.0	0.00
Barium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	97.0	98.0	97.5	0.7	1.03
Barium	07-SW-03-01	07-SW-03-01	98.0	98.0	98.0	0.0	0.00
Barium	07-SW-03-01	07-SW-03-01	100.0	100.0	100.0	0.0	0.00
Barium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	95.0	96.0	95.5	0.7	1.05
Beryllium	05-MW-06-03	05-MW-06-03	101.0	101.0	101.0	0.0	0.00
Beryllium	05-MW-15-01 MS	05-MW-15-01 MSD	95.0	96.0	95.5	0.7	1.05
Beryllium	05-MW-15-01 MS	05-MW-15-01 MSD	100.0	100.0	100.0	0.0	0.00
Beryllium	06-MW-07-01 MS	06-MW-07-01 MSD	93.0	93.0	93.0	0.0	0.00
Beryllium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	98.0	99.0	98.5	0.7	1.02
Beryllium	07-SW-03-01	07-SW-03-01	101.0	100.0	100.5	0.7	1.00
Beryllium	07-SW-03-01	07-SW-03-01	100.0	100.0	100.0	0.0	0.00
Beryllium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	97.0	98.0	97.5	0.7	1.03
Cadmium	05-MW-06-03	05-MW-06-03	96.0	96.0	96.0	0.0	0.00
Cadmium	05-MW-15-01 MS	05-MW-15-01 MSD	92.0	92.0	92.0	0.0	0.00
Cadmium	05-MW-15-01 MS	05-MW-15-01 MSD	95.0	94.0	94.5	0.7	1.06
Cadmium	06-MW-07-01 MS	06-MW-07-01 MSD	91.0	91.0	91.0	0.0	0.00
Cadmium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	94.0	95.0	94.5	0.7	1.06
Cadmium	07-SW-03-01	07-SW-03-01	95.0	95.0	95.0	0.0	0.00
Cadmium	07-SW-03-01	07-SW-03-01	95.0	95.0	95.0	0.0	0.00
Cadmium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	93.0	94.0	93.5	0.7	1.07
Calcium	05-MW-06-03	05-MW-06-03	86.0	117.0	101.5	21.9	30.54
Calcium	05-MW-15-01 MS	05-MW-15-01 MSD	86.0	100.0	93.0	9.9	15.05
Calcium	05-MW-15-01 MS	05-MW-15-01 MSD	80.0	85.0	82.5	3.5	6.06
Calcium	06-MW-07-01 MS	06-MW-07-01 MSD	131.0	122.0	126.5	6.4	7.11
Calcium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	102.0	112.0	107.0	7.1	9.35
Calcium	07-SW-03-01	07-SW-03-01	125.0	129.0	127.0	2.8	3.15
Calcium	07-SW-03-01	07-SW-03-01	129.0	133.0	131.0	2.8	3.05
Calcium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	96.0	122.0	109.0	18.4	23.85
Chromium	05-MW-06-03	05-MW-06-03	97.0	98.0	97.5	0.7	1.03

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Chromium	05-MW-15-01 MS	05-MW-15-01 MSD	92.0	93.0	92.5	0.7	1.08
Chromium	05-MW-15-01 MS	05-MW-15-01 MSD	97.0	96.0	96.5	0.7	1.04
Chromium	06-MW-07-01 MS	06-MW-07-01 MSD	90.0	91.0	90.5	0.7	1.10
Chromium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	94.0	94.0	94.0	0.0	0.00
Chromium	07-SW-03-01	07-SW-03-01	97.0	96.0	96.5	0.7	1.04
Chromium	07-SW-03-01	07-SW-03-01	97.0	98.0	97.5	0.7	1.03
Chromium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	93.0	94.0	93.5	0.7	1.07
Cobalt	05-MW-06-03	05-MW-06-03	97.0	98.0	97.5	0.7	1.03
Cobalt	05-MW-15-01 MS	05-MW-15-01 MSD	95.0	94.0	94.5	0.7	1.06
Cobalt	05-MW-15-01 MS	05-MW-15-01 MSD	91.0	91.0	91.0	0.0	0.00
Cobalt	06-MW-07-01 MS	06-MW-07-01 MSD	88.0	88.0	88.0	0.0	0.00
Cobalt	07-MW-02-DS-03 M	07-MW-02-DS-03 M	93.0	94.0	93.5	0.7	1.07
Cobalt	07-SW-03-01	07-SW-03-01	95.0	95.0	95.0	0.0	0.00
Cobalt	07-SW-03-01	07-SW-03-01	96.0	96.0	96.0	0.0	0.00
Cobalt	12-MW-02-DS-03 M	12-MW-02-DS-03 M	92.0	93.0	92.5	0.7	1.08
Copper	05-MW-06-03	05-MW-06-03	98.0	99.0	98.5	0.7	1.02
Copper	05-MW-15-01 MS	05-MW-15-01 MSD	97.0	97.0	97.0	0.0	0.00
Copper	05-MW-15-01 MS	05-MW-15-01 MSD	93.0	94.0	93.5	0.7	1.07
Copper	06-MW-07-01 MS	06-MW-07-01 MSD	92.0	92.0	92.0	0.0	0.00
Copper	07-MW-02-DS-03 M	07-MW-02-DS-03 M	96.0	97.0	96.5	0.7	1.04
Copper	07-SW-03-01	07-SW-03-01	98.0	97.0	97.5	0.7	1.03
Copper	07-SW-03-01	07-SW-03-01	98.0	99.0	98.5	0.7	1.02
Copper	12-MW-02-DS-03 M	12-MW-02-DS-03 M	95.0	96.0	95.5	0.7	1.05
Iron	05-MW-06-03	05-MW-06-03	94.0	100.0	97.0	4.2	6.19
Iron	05-MW-15-01 MS	05-MW-15-01 MSD	93.0	93.0	93.0	0.0	0.00
Iron	05-MW-15-01 MS	05-MW-15-01 MSD	97.0	96.0	96.5	0.7	1.04
Iron	06-MW-07-01 MS	06-MW-07-01 MSD	91.0	91.0	91.0	0.0	0.00
Iron	07-MW-02-DS-03 M	07-MW-02-DS-03 M	93.0	94.0	93.5	0.7	1.07
Iron	07-SW-03-01	07-SW-03-01	99.0	98.0	98.5	0.7	1.02
Iron	07-SW-03-01	07-SW-03-01	99.0	99.0	99.0	0.0	0.00
Iron	12-MW-02-DS-03 M	12-MW-02-DS-03 M	92.0	93.0	92.5	0.7	1.08
Lead	05-MW-06-03	05-MW-06-03	97.0	99.0	98.0	1.4	2.04
Lead	05-MW-15-01 MS	05-MW-15-01 MSD	79.0	76.0	77.5	2.1	3.87
Lead	06-MW-07-01 MS	06-MW-07-01 MSD	92.0	92.0	92.0	0.0	0.00
Lead	07-MW-02-DS-03 M	07-MW-02-DS-03 M	95.0	93.0	94.0	1.4	2.13

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Lead	07-SW-03-01	07-SW-03-01	98.0	98.0	98.0	0.0	0.00
Lead	07-SW-03-01	07-SW-03-01	95.0	96.0	95.5	0.7	1.05
Lead	12-MW-02-DS-03 M	12-MW-02-DS-03 M	95.0	94.0	94.5	0.7	1.06
Magnesium	05-MW-06-03	05-MW-06-03	96.0	103.0	99.5	4.9	7.04
Magnesium	05-MW-15-01 MS	05-MW-15-01 MSD	93.0	92.0	92.5	0.7	1.08
Magnesium	05-MW-15-01 MS	05-MW-15-01 MSD	93.0	96.0	94.5	2.1	3.17
Magnesium	06-MW-07-01 MS	06-MW-07-01 MSD	105.0	102.0	103.5	2.1	2.90
Magnesium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	102.0	112.0	107.0	7.1	9.35
Magnesium	07-SW-03-01	07-SW-03-01	114.0	117.0	115.5	2.1	2.60
Magnesium	07-SW-03-01	07-SW-03-01	113.0	115.0	114.0	1.4	1.75
Magnesium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	96.0	101.0	98.5	3.5	5.08
Manganese	05-MW-06-03	05-MW-06-03	94.0	101.0	97.5	4.9	7.18
Manganese	05-MW-15-01 MS	05-MW-15-01 MSD	91.0	92.0	91.5	0.7	1.09
Manganese	05-MW-15-01 MS	05-MW-15-01 MSD	89.0	92.0	90.5	2.1	3.31
Manganese	06-MW-07-01 MS	06-MW-07-01 MSD	92.0	92.0	92.0	0.0	0.00
Manganese	07-MW-02-DS-03 M	07-MW-02-DS-03 M	93.0	94.0	93.5	0.7	1.07
Manganese	07-SW-03-01	07-SW-03-01	97.0	97.0	97.0	0.0	0.00
Manganese	07-SW-03-01	07-SW-03-01	97.0	97.0	97.0	0.0	0.00
Manganese	12-MW-02-DS-03 M	12-MW-02-DS-03 M	92.0	93.0	92.5	0.7	1.08
Molybdenum	05-MW-06-03	05-MW-06-03	96.0	96.0	96.0	0.0	0.00
Molybdenum	05-MW-15-01 MS	05-MW-15-01 MSD	92.0	92.0	92.0	0.0	0.00
Molybdenum	05-MW-15-01 MS	05-MW-15-01 MSD	91.0	91.0	91.0	0.0	0.00
Molybdenum	06-MW-07-01 MS	06-MW-07-01 MSD	88.0	89.0	88.5	0.7	1.13
Molybdenum	07-MW-02-DS-03 M	07-MW-02-DS-03 M	93.0	94.0	93.5	0.7	1.07
Molybdenum	07-SW-03-01	07-SW-03-01	94.0	94.0	94.0	0.0	0.00
Molybdenum	07-SW-03-01	07-SW-03-01	96.0	97.0	96.5	0.7	1.04
Molybdenum	12-MW-02-DS-03 M	12-MW-02-DS-03 M	92.0	92.0	92.0	0.0	0.00
Nickel	05-MW-06-03	05-MW-06-03	97.0	96.0	96.5	0.7	1.04
Nickel	05-MW-15-01 MS	05-MW-15-01 MSD	96.0	95.0	95.5	0.7	1.05
Nickel	05-MW-15-01 MS	05-MW-15-01 MSD	92.0	93.0	92.5	0.7	1.08
Nickel	06-MW-07-01 MS	06-MW-07-01 MSD	89.0	90.0	89.5	0.7	1.12
Nickel	07-MW-02-DS-03 M	07-MW-02-DS-03 M	93.0	95.0	94.0	1.4	2.13
Nickel	07-SW-03-01	07-SW-03-01	96.0	97.0	96.5	0.7	1.04
Nickel	07-SW-03-01	07-SW-03-01	97.0	97.0	97.0	0.0	0.00
Nickel	12-MW-02-DS-03 M	12-MW-02-DS-03 M	92.0	93.0	92.5	0.7	1.08

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Potassium	05-MW-06-03	05-MW-06-03	98.0	103.0	100.5	3.5	4.98
Potassium	05-MW-15-01 MS	05-MW-15-01 MSD	93.0	94.0	93.5	0.7	1.07
Potassium	05-MW-15-01 MS	05-MW-15-01 MSD	95.0	94.0	94.5	0.7	1.06
Potassium	06-MW-07-01 MS	06-MW-07-01 MSD	92.0	93.0	92.5	0.7	1.08
Potassium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	98.0	98.0	98.0	0.0	0.00
Potassium	07-SW-03-01	07-SW-03-01	102.0	102.0	102.0	0.0	0.00
Potassium	07-SW-03-01	07-SW-03-01	94.0	94.0	94.0	0.0	0.00
Potassium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	96.0	96.0	96.0	0.0	0.00
Selenium	05-MW-06-03	05-MW-06-03	96.0	96.0	96.0	0.0	0.00
Selenium	05-MW-15-01 MS	05-MW-15-01 MSD	86.0	93.0	89.5	4.9	7.82
Selenium	05-MW-15-01 MS	05-MW-15-01 MSD	97.0	92.0	94.5	3.5	5.29
Selenium	06-MW-07-01 MS	06-MW-07-01 MSD	89.0	88.0	88.5	0.7	1.13
Selenium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	92.0	97.0	94.5	3.5	5.29
Selenium	07-SW-03-01	07-SW-03-01	97.0	95.0	96.0	1.4	2.08
Selenium	07-SW-03-01	07-SW-03-01	96.0	95.0	95.5	0.7	1.05
Selenium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	89.0	91.0	90.0	1.4	2.22
Silver	05-MW-06-03	05-MW-06-03	97.0	98.0	97.5	0.7	1.03
Silver	05-MW-15-01 MS	05-MW-15-01 MSD	94.0	94.0	94.0	0.0	0.00
Silver	05-MW-15-01 MS	05-MW-15-01 MSD	95.0	94.0	94.5	0.7	1.06
Silver	06-MW-07-01 MS	06-MW-07-01 MSD	93.0	93.0	93.0	0.0	0.00
Silver	07-MW-02-DS-03 M	07-MW-02-DS-03 M	94.0	95.0	94.5	0.7	1.06
Silver	07-SW-03-01	07-SW-03-01	93.0	93.0	93.0	0.0	0.00
Silver	07-SW-03-01	07-SW-03-01	96.0	96.0	96.0	0.0	0.00
Silver	12-MW-02-DS-03 M	12-MW-02-DS-03 M	94.0	95.0	94.5	0.7	1.06
Sodium	05-MW-06-03	05-MW-06-03	100.0	102.0	101.0	1.4	1.98
Sodium	05-MW-15-01 MS	05-MW-15-01 MSD	96.0	95.0	95.5	0.7	1.05
Sodium	05-MW-15-01 MS	05-MW-15-01 MSD	95.0	96.0	95.5	0.7	1.05
Sodium	06-MW-07-01 MS	06-MW-07-01 MSD	98.0	97.0	97.5	0.7	1.03
Sodium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	102.0	107.0	104.5	3.5	4.78
Sodium	07-SW-03-01	07-SW-03-01	173.0	189.0	181.0	11.3	8.84
Sodium	07-SW-03-01	07-SW-03-01	178.0	187.0	182.5	6.4	4.93
Sodium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	98.0	100.0	99.0	1.4	2.02
Thallium	05-MW-06-03	05-MW-06-03	94.0	97.0	95.5	2.1	3.14
Thallium	05-MW-15-01 MS	05-MW-15-01 MSD	93.0	93.0	93.0	0.0	0.00
Thallium	05-MW-15-01 MS	05-MW-15-01 MSD	90.0	87.0	88.5	2.1	3.39

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Thallium	06-MW-07-01 MS	06-MW-07-01 MSD	87.0	88.0	87.5	0.7	1.14
Thallium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	92.0	97.0	94.5	3.5	5.29
Thallium	07-SW-03-01	07-SW-03-01	97.0	98.0	97.5	0.7	1.03
Thallium	07-SW-03-01	07-SW-03-01	96.0	91.0	93.5	3.5	5.35
Thallium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	91.0	92.0	91.5	0.7	1.09
Vanadium	05-MW-06-03	05-MW-06-03	98.0	99.0	98.5	0.7	1.02
Vanadium	05-MW-15-01 MS	05-MW-15-01 MSD	97.0	97.0	97.0	0.0	0.00
Vanadium	05-MW-15-01 MS	05-MW-15-01 MSD	93.0	94.0	93.5	0.7	1.07
Vanadium	06-MW-07-01 MS	06-MW-07-01 MSD	91.0	92.0	91.5	0.7	1.09
Vanadium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	95.0	96.0	95.5	0.7	1.05
Vanadium	07-SW-03-01	07-SW-03-01	97.0	96.0	96.5	0.7	1.04
Vanadium	07-SW-03-01	07-SW-03-01	99.0	99.0	99.0	0.0	0.00
Vanadium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	93.0	94.0	93.5	0.7	1.07
Zinc	05-MW-06-03	05-MW-06-03	96.0	96.0	96.0	0.0	0.00
Zinc	05-MW-15-01 MS	05-MW-15-01 MSD	91.0	91.0	91.0	0.0	0.00
Zinc	05-MW-15-01 MS	05-MW-15-01 MSD	94.0	93.0	93.5	0.7	1.07
Zinc	06-MW-07-01 MS	06-MW-07-01 MSD	88.0	89.0	88.5	0.7	1.13
Zinc	07-MW-02-DS-03 M	07-MW-02-DS-03 M	93.0	93.0	93.0	0.0	0.00
Zinc	07-SW-03-01	07-SW-03-01	96.0	95.0	95.5	0.7	1.05
Zinc	07-SW-03-01	07-SW-03-01	95.0	95.0	95.0	0.0	0.00
Zinc	12-MW-02-DS-03 M	12-MW-02-DS-03 M	92.0	93.0	92.5	0.7	1.08
Method = SW7060 - Arsenic							
Type = Analytical Dup (mg/L)							
Arsenic	05-MW-05-03	05-MW-05-03	0.034	0.025	0.0	0.0	29.85
Arsenic	05-MW-15-01	05-MW-15-01	<0.000657 (J)	< 0.0033 (J)	NC	NC	NC
Arsenic	07-SW-03-01	07-SW-03-01	0.0024	< 0.0026 (J)	NC	NC	NC
Arsenic	09-MW-06-03	09-MW-06-03	<0.000657 (J)	< 0.0026 (J)	NC	NC	NC
Type = Field Duplicate (mg/L)							
Arsenic	05-MW-03-03	05-MW-03-DS-03	0.0037	0.011	0.0	0.0	96.50
Arsenic	05-MW-14-01	05-MW-14-DS-01	<0.000984 (J)	< 0.049 (J)	NC	NC	NC

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Arsenic	06-MW-07-01	06-MW-07-DS-01	0.013	0.000700	0.0	0.0	179.86
Arsenic	07-MW-02-03	07-MW-02-DS-03	0.0078	0.0084	0.0	0.0	7.41
Arsenic	12-MW-02-03	12-MW-02-DS-03	<0.000650 (J)	<0.000650 (J)	NC	NC	NC
Type = Laboratory Control Duplicate (mg/L)							
Arsenic	LCS931407	LCS931407	98.0	98.0	98.0	0.0	0.00
Arsenic	LCS933453	LCS933453	106.0	106.0	106.0	0.0	0.00
Arsenic	LCS934624	LCS934625	89.0	87.0	88.0	1.4	2.27
Arsenic	LCS931476	LCSD91476	95.0	95.0	95.0	0.0	0.00
Arsenic	LCS931513	LCSD931513	97.0	94.0	95.5	2.1	3.14
Arsenic	LCS934459	LCSD932659	99.0	99.0	99.0	0.0	0.00
Arsenic	LCS933865	LCSD933865	104.0	100.0	102.0	2.8	3.92
Arsenic	LCS934377	LCSD934377	102.0	101.0	101.5	0.7	0.99
Arsenic	LCS934611	LCSD934611	105.0	101.0	103.0	2.8	3.88
Type = Matrix Spike Duplicate (mg/L)							
Arsenic	05-MW-05-03 MS	05-MW-05-03 MSD	115.0	113.0	114.0	1.4	1.75
Arsenic	05-MW-15-01 MS	05-MW-15-01 MSD	114.0	114.0	114.0	0.0	0.00
Arsenic	06-MW-07-01 MS	06-MW-07-01 MSD	78.0	79.0	78.5	0.7	1.27
Arsenic	07-MW-02-DS-03 M	07-MW-02-DS-03 M	105.0	103.0	104.0	1.4	1.92
Arsenic	07-SW-03-01 MS	07-SW-03-01 MSD	121.0	122.0	121.5	0.7	0.82
Arsenic	09-MW-06-03 MS	09-MW-06-03 MSD	108.0	106.0	107.0	1.4	1.87
Arsenic	12-MW-02-DS-03 M	12-MW-02-DS-03 M	110.0	111.0	110.5	0.7	0.90
Method = SW7421 - Lead							
Type = Analytical Dup (mg/L)							
Lead	05-MW-05-03	05-MW-05-03	0.014	0.016	0.0	0.0	19.40
Lead	06-MW-07-01	06-MW-07-01	0.0030 (B)	0.0010 (B)	0.0	0.0	100.00
Lead	07-SW-03-01	07-SW-03-01	0.0016 (B)	< 0.0042 (J)	NC	NC	NC
Lead	09-MW-06-03	09-MW-06-03	0.0033 (B)	< 0.0044 (J)	NC	NC	NC

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Type = Field Duplicate (mg/L)							
Lead	05-MW-03-03	05-MW-03-DS-03	0.0023 (B)	0.0025 (B)	0.0	0.0	8.33
Lead	05-MW-14-01	05-MW-14-DS-01	<0.000800 (J)	0.0026 (B)	NC	NC	NC
Lead	06-MW-07-01	06-MW-07-DS-01	0.0030 (B)	0.0020 (B)	0.0	0.0	40.00
Lead	07-MW-02-03	07-MW-02-DS-03	0.011	0.011	0.0	0.0	0.93
Lead	07-MW-02-DS-03	07-MW-02-DS-03	0.011	< 0.0044 (J)	NC	NC	NC
Lead	12-MW-02-03	12-MW-02-DS-03	0.051	0.0085	0.0	0.0	142.95
Type = Laboratory Control Duplicate (mg/L)							
Lead	LCS932272	LCS932272	103.0	102.0	102.5	0.7	0.98
Lead	LCS933453	LCS933453	103.0	104.0	103.5	0.7	0.97
Lead	LCS934377	LCS934377	98.0	100.0	99.0	1.4	2.02
Lead	LCS934377	LCS934377	100.0	102.0	101.0	1.4	1.98
Lead	LCS931407	LCSD91407	104.0	96.0	100.0	5.7	8.00
Lead	LCS931513	LCSD931513	104.0	101.0	102.5	2.1	2.93
Lead	LCS933865	LCSD933865	96.0	96.0	96.0	0.0	0.00
Lead	LCS934459	LCSD934459	98.0	100.0	99.0	1.4	2.02
Lead	LCS934611	LCSD934611	98.0	94.0	96.0	2.8	4.17
Lead	LCS934919	LCSD934919	98.0	98.0	98.0	0.0	0.00
Type = Matrix Spike Duplicate (mg/L)							
Lead	05-MW-05-03 MS	05-MW-05-03 MSD	86.0	86.0	86.0	0.0	0.00
Lead	05-MW-15-01 MS	05-MW-15-01 MSD	76.0	138.0	107.0	43.8	57.94
Lead	06-MW-07-01 MS	06-MW-07-01 MSD	88.0	90.0	89.0	1.4	2.25
Lead	07-MW-02-DS-03 M	07-MW-02-DS-03 M	83.0	82.0	82.5	0.7	1.21
Lead	07-SW-03-01 MS	07-SW-03-01 MSD	86.0	89.0	87.5	2.1	3.43
Lead	09-MW-06-03 MS	09-MW-06-03 MSD	96.0	105.0	100.5	6.4	8.96
Lead	12-MW-02-DS-03 M	12-MW-02-DS-03 M	108.0	91.0	99.5	12.0	17.09
Method = SW7470 - Mercury							
Type = Analytical Dup (mg/L)							

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Mercury	07-MW-04-03	07-MW-04-03	<0.000048 (J)	<0.000240 (J)	NC	NC	NC
Mercury	12-MW-01-03	12-MW-01-03	<0.000048 (J)	<0.000192 (J)	NC	NC	NC
Type = Field Duplicate (mg/L)							
Mercury	05-MW-03-03	05-MW-03-DS-03	<0.000048 (J)	<0.000048 (J)	NC	NC	NC
Mercury	05-MW-14-DS-01	05-MW-14-DS-01	<0.000048 (J)	<0.000240 (J)	NC	NC	NC
Mercury	05-MW-14-01	05-MW-14-DS-01	<0.000048 (J)	<0.000048 (J)	NC	NC	NC
Mercury	06-MW-07-01	06-MW-07-DS-01	0.000050 (B)	<0.000048 (J)	NC	NC	NC
Mercury	07-MW-02-03	07-MW-02-DS-03	<0.000048 (J)	<0.000048 (J)	NC	NC	NC
Mercury	12-MW-02-03	12-MW-02-DS-03	<0.000048 (J)	<0.000048 (J)	NC	NC	NC
Type = Equipment Blank Duplicate (mg/L)							
Mercury	07-SD-07-EB-01	07-SD-07-EB-01	<0.000048 (J)	<0.000240 (J)	NC	NC	NC
Mercury	LCS931248	LCS931248	106.0	104.0	105.0	1.4	1.90
Mercury	LCS931342	LCS931342	105.0	103.0	104.0	1.4	1.92
Mercury	LCS931488	LCS931488	105.0	111.0	108.0	4.2	5.56
Mercury	LCS931488	LCS931488	105.0	111.0	108.0	4.2	5.56
Mercury	LCS931658	LCS931658	109.0	105.0	107.0	2.8	3.74
Mercury	LCS933547	LCS933547	109.0	109.0	109.0	0.0	0.00
Mercury	LCS933808	LCS933808	103.0	102.0	102.5	0.7	0.98
Mercury	LCS934030	LCS934030	102.0	103.0	102.5	0.7	0.98
Mercury	LCS934373	LCS934373	104.0	102.0	103.0	1.4	1.94
Mercury	LCS934735	LCS934735	102.0	105.0	103.5	2.1	2.90
Type = Matrix Spike Duplicate (mg/L)							
Mercury	06-MW-07-01 MS	06-MW-07-01 MSD	92.0	100.0	96.0	5.7	8.33
Mercury	07-MW-02-DS-03 M	07-MW-02-DS-03 M	92.0	93.0	92.5	0.7	1.08
Mercury	07-SW-03-01 MS	07-SW-03-01 MSD	94.0	100.0	97.0	4.2	6.19
Mercury	09-MW-01-03 MS	09-MW-01-03 MSD	93.0	96.0	94.5	2.1	3.17
Mercury	09-MW-01-03 MS	09-MW-01-03 MSD	93.0	96.0	94.5	2.1	3.17
Mercury	12-MW-02-DS-03 M	12-MW-02-DS-03 M	96.0	96.0	96.0	0.0	0.00

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW7740 - Selenium							
Type = Analytical Dup (mg/L)							
Selenium	05-MW-05-03	05-MW-05-03	< 0.0014 (J)	< 0.0058 (J)	NC	NC	NC
Selenium	05-MW-15-01	05-MW-15-01	<0.000843 (J)	< 0.0042 (J)	NC	NC	NC
Selenium	07-MW-04-03	07-MW-04-03	< 0.0014 (J)	< 0.0058 (J)	NC	NC	NC
Selenium	07-SW-03-01	07-SW-03-01	<0.000843 (J)	< 0.0034 (J)	NC	NC	NC
Selenium	09-MW-06-03	09-MW-06-03	< 0.0014 (J)	< 0.0058 (J)	NC	NC	NC
Type = Field Duplicate (mg/L)							
Selenium	05-MW-03-03	05-MW-03-DS-03	< 0.0014 (J)	< 0.0014 (J)	NC	NC	NC
Selenium	05-MW-14-01	05-MW-14-DS-01	<0.000843 (J)	<0.000843 (J)	NC	NC	NC
Selenium	06-MW-07-01	06-MW-07-DS-01	< 0.0017 (J)	<0.000843 (J)	NC	NC	NC
Selenium	07-MW-02-03	07-MW-02-DS-03	0.0071 (SF)	< 0.0014 (SJ)	NC	NC	NC
Selenium	12-MW-02-03	12-MW-02-DS-03	0.0057 (SF)	0.0043 (SF)	0.0	0.0	28.92
Type = Laboratory Control Duplicate (mg/L)							
Selenium	LCS934624	LCS934624	94.0	93.0	93.5	0.7	1.07
Selenium	LCS931407	LCSD931407	96.0	99.0	97.5	2.1	3.08
Selenium	LCS931407	LCSD931407	95.0	98.0	96.5	2.1	3.11
Selenium	LCS931407	LCSD931407	96.0	97.0	96.5	0.7	1.04
Selenium	LCS9314376	LCSD931476	82.0	85.0	83.5	2.1	3.59
Selenium	LCS931476	LCSD931476	78.0	82.0	80.0	2.8	5.00
Selenium	LCS931513	LCSD931513	91.0	86.0	88.5	3.5	5.65
Selenium	LCS933453	LCSD933453	91.0	93.0	92.0	1.4	2.17
Selenium	LCS933865	LCSD933865	97.0	97.0	97.0	0.0	0.00
Selenium	LCS934377	LCSD934377	97.0	98.0	97.5	0.7	1.03
Selenium	LCS934459	LCSD934459	101.0	99.0	100.0	1.4	2.00
Selenium	LCS934611	LCSD934611	100.0	102.0	101.0	1.4	1.98
Type = Matrix Spike Duplicate (mg/L)							

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Selenium	05-MW-05-03 MS	05-MW-05-03 MSD	79.0	76.0	77.5	2.1	3.87
Selenium	05-MW-15-01 MS	05-MW-15-01 MSD	87.0	86.0	86.5	0.7	1.16
Selenium	06-MW-07-01 MS	06-MW-07-01 MSD	93.0	90.0	91.5	2.1	3.28
Selenium	07-SW-03-01 MS	07-SW-03-01 MSD	99.0	100.0	99.5	0.7	1.01
Selenium	09-MW-06-03 MS	09-MW-06-03 MSD	98.0	94.0	96.0	2.8	4.17
Selenium	09-MW-06-03 MS	09-MW-06-03 MSD	88.0	87.0	87.5	0.7	1.14
Method = SW8010 - Halogenated Volatile Organics							
Type = Field Duplicate (ug/L)							
1,1,1,2-Tetrachloroethane	02-GW-03-03	02-GW-03-DS-03	< 0.040 (J)	ND	NC	NC	NC
1,1,1,2-Tetrachloroethane	05-MW-03-03	05-MW-03-DS-03	ND	< 0.040 (J)	NC	NC	NC
1,1,1,2-Tetrachloroethane	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1,1,1,2-Tetrachloroethane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,1,1,2-Tetrachloroethane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
1,1,1,2-Tetrachloroethane	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,1,1,2-Tetrachloroethane	12-MW-02-03	12-MW-02-DS-03	< 0.040 (J)	ND	NC	NC	NC
1,1,1-Trichloroethane	02-GW-03-03	02-GW-03-DS-03	< 0.092 (J)	ND	NC	NC	NC
1,1,1-Trichloroethane	05-MW-03-03	05-MW-03-DS-03	< 0.092 (J)	ND	NC	NC	NC
1,1,1-Trichloroethane	05-MW-14-01	05-MW-14-DS-01	0.36	ND	NC	NC	NC
1,1,1-Trichloroethane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,1,1-Trichloroethane	08-SW-01-01	08-SW-01-DS-01	< 0.14 (J)	< 0.14 (J)	NC	NC	NC
1,1,1-Trichloroethane	12-MW-02-03	12-MW-02-DS-03	ND	ND (K)	NC	NC	NC
1,1,2,2-Tetrachloroethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1,1,2,2-Tetrachloroethane	05-MW-03-03	05-MW-03-DS-03	0.22	0.22	0.2	0.1	0.46
1,1,2,2-Tetrachloroethane	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1,1,2,2-Tetrachloroethane	06-MW-07-01	06-MW-07-DS-01	< 0.13 (J)	ND	NC	NC	NC
1,1,2,2-Tetrachloroethane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
1,1,2,2-Tetrachloroethane	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,1,2,2-Tetrachloroethane	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
1,1,2-Trichloroethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1,1,2-Trichloroethane	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
1,1,2-Trichloroethane	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
1,1,2-Trichloroethane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,1,2-Trichloroethane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
1,1,2-Trichloroethane	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,1,2-Trichloroethane	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
1,1-Dichloroethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1,1-Dichloroethane	05-MW-03-03	05-MW-03-DS-03	< 0.048 (J)	< 0.048 (J)	NC	NC	NC
1,1-Dichloroethane	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1,1-Dichloroethane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,1-Dichloroethane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
1,1-Dichloroethane	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,1-Dichloroethane	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
1,1-Dichloroethene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1,1-Dichloroethene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
1,1-Dichloroethene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1,1-Dichloroethene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,1-Dichloroethene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
1,1-Dichloroethene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,1-Dichloroethene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
1,2,3-Trichloropropane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1,2,3-Trichloropropane	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
1,2,3-Trichloropropane	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1,2,3-Trichloropropane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,2,3-Trichloropropane	07-MW-02-03	07-MW-02-DS-03	ND (K)	ND	NC	NC	NC
1,2,3-Trichloropropane	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,2,3-Trichloropropane	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	< 0.17 (J)	< 0.17 (J)	NC	NC	NC
1,2-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
1,2-Dichloroethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1,2-Dichloroethane	05-MW-03-03	05-MW-03-DS-03	< 0.054 (J)	< 0.054 (J)	NC	NC	NC
1,2-Dichloroethane	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
1,2-Dichloroethane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,2-Dichloroethane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
1,2-Dichloroethane	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,2-Dichloroethane	12-MW-02-03	12-MW-02-DS-03	ND	< 0.054 (KJ)	NC	NC	NC
1,2-Dichloropropane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1,2-Dichloropropane	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
1,2-Dichloropropane	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1,2-Dichloropropane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,2-Dichloropropane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
1,2-Dichloropropane	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,2-Dichloropropane	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
1-Chlorohexane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1-Chlorohexane	05-MW-03-03	05-MW-03-DS-03	< 0.12 (J)	< 0.12 (J)	NC	NC	NC
1-Chlorohexane	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1-Chlorohexane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1-Chlorohexane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
1-Chlorohexane	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1-Chlorohexane	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
2-Chloroethyl vinyl ether	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
2-Chloroethyl vinyl ether	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
2-Chloroethyl vinyl ether	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
2-Chloroethyl vinyl ether	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
2-Chloroethyl vinyl ether	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
2-Chloroethyl vinyl ether	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
2-Chloroethyl vinyl ether	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Bromobenzene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Bromobenzene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Bromobenzene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Bromobenzene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Bromobenzene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Bromobenzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Bromobenzene	12-MW-02-03	12-MW-02-DS-03	ND	< 0.53 (KJ)	NC	NC	NC
Bromodichloromethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Bromodichloromethane	05-MW-03-03	05-MW-03-DS-03	< 0.068 (J)	< 0.068 (J)	NC	NC	NC
Bromodichloromethane	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Bromodichloromethane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Bromodichloromethane	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Bromodichloromethane	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Bromomethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Bromomethane	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Bromomethane	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Bromomethane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Bromomethane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Bromomethane	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Bromomethane	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Carbon tetrachloride	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Carbon tetrachloride	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Carbon tetrachloride	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Carbon tetrachloride	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Carbon tetrachloride	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Carbon tetrachloride	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Carbon tetrachloride	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Chlorobenzene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Chlorobenzene	05-MW-03-03	05-MW-03-DS-03	< 0.14 (J)	< 0.14 (J)	NC	NC	NC
Chlorobenzene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Chlorobenzene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Chlorobenzene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Chlorobenzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Chlorobenzene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Chloroethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Chloroethane	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Chloroethane	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Chloroethane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Chloroethane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Chloroethane	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Chloroethane	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Chloroform	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Chloroform	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Chloroform	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Chloroform	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Chloroform	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Chloroform	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Chloroform	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Chloromethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Chloromethane	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Chloromethane	05-MW-14-01	05-MW-14-DS-01	ND	< 0.15 (J)	NC	NC	NC
Chloromethane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Chloromethane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Chloromethane	08-SW-01-01	08-SW-01-DS-01	< 0.021 (J)	< 0.021 (J)	NC	NC	NC
Chloromethane	12-MW-02-03	12-MW-02-DS-03	< 0.15 (J)	ND	NC	NC	NC
Dibromochloromethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Dibromochloromethane	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Dibromochloromethane	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Dibromochloromethane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Dibromochloromethane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Dibromochloromethane	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Dibromomethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Dibromomethane	05-MW-03-03	05-MW-03-DS-03	ND	< 0.14 (J)	NC	NC	NC
Dibromomethane	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Dibromomethane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Dibromomethane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Dibromomethane	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Dibromomethane	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Methylene chloride	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Methylene chloride	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Methylene chloride	05-MW-14-01	05-MW-14-DS-01	0.21 (B)	ND	NC	NC	NC
Methylene chloride	06-MW-07-01	06-MW-07-DS-01	0.21 (B)	0.34 (B)	0.3	0.1	47.93
Methylene chloride	08-SW-01-01	08-SW-01-DS-01	0.15 (B)	0.55 (TB)	0.4	0.3	113.39
Methylene chloride	12-MW-02-03	12-MW-02-DS-03	ND	ND (K)	NC	NC	NC
Tetrachloroethene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Tetrachloroethene	05-MW-03-03	05-MW-03-DS-03	< 0.10 (J)	< 0.10 (J)	NC	NC	NC
Tetrachloroethene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Tetrachloroethene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Tetrachloroethene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Tetrachloroethene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Tetrachloroethene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Tribromomethane(Bromoform)	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Tribromomethane(Bromoform)	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Tribromomethane(Bromoform)	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Tribromomethane(Bromoform)	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Tribromomethane(Bromoform)	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Tribromomethane(Bromoform)	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Tribromomethane(Bromoform)	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Trichloroethene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Trichloroethene	05-MW-03-03	05-MW-03-DS-03	< 0.11 (J)	< 0.11 (J)	NC	NC	NC
Trichloroethene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Trichloroethene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Trichloroethene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Trichloroethene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Trichlorofluoromethane	02-GW-03-03	02-GW-03-DS-03	< 0.075 (J)	ND	NC	NC	NC
Trichlorofluoromethane	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Trichlorofluoromethane	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Trichlorofluoromethane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Trichlorofluoromethane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Trichlorofluoromethane	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Trichlorofluoromethane	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Vinyl chloride	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Vinyl chloride	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Vinyl chloride	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Vinyl chloride	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Vinyl chloride	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Vinyl chloride	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Vinyl chloride	12-MW-02-03	12-MW-02-DS-03	< 0.20 (J)	ND	NC	NC	NC
cis-1,3-Dichloropropene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
cis-1,3-Dichloropropene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
cis-1,3-Dichloropropene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
cis-1,3-Dichloropropene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
cis-1,3-Dichloropropene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
cis-1,3-Dichloropropene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
cis-1,3-Dichloropropene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
trans-1,2-Dichloroethene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
trans-1,2-Dichloroethene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
trans-1,2-Dichloroethene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
trans-1,2-Dichloroethene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
trans-1,2-Dichloroethene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
trans-1,2-Dichloroethene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
trans-1,2-Dichloroethene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
trans-1,3-Dichloropropene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
trans-1,3-Dichloropropene	05-MW-03-03	05-MW-03-DS-03	< 0.057 (J)	< 0.057 (J)	NC	NC	NC
trans-1,3-Dichloropropene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
trans-1,3-Dichloropropene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
trans-1,3-Dichloropropene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
trans-1,3-Dichloropropene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
trans-1,3-Dichloropropene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Type = Laboratory Control Duplicate (ug/L)							
1,1,1,2-Tetrachloroethane	LCS933130	LCS933142	94.0	98.0	96.0	2.8	4.17
1,1,1,2-Tetrachloroethane	LCS933130	LCS933147	94.0	105.0	99.5	7.8	11.06
1,1,1,2-Tetrachloroethane	LCS933415	LCS933421	96.0	87.0	91.5	6.4	9.84
1,1,1,2-Tetrachloroethane	LCS933635	LCS933639	95.0	101.0	98.0	4.2	6.12

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
1,1,1,2-Tetrachloroethane	LCS934245	LCS934251	91.0	86.0	(X)	88.5	3.5	5.65
1,1,1,2-Tetrachloroethane	LCS934496	LCS934507	91.0	94.0		92.5	2.1	3.24
1,1,1,2-Tetrachloroethane	LCS934522	LCS934533	110.0	113.0		111.5	2.1	2.69
1,1,1,2-Tetrachloroethane	LCS934528	LCS934661	95.0	99.0		97.0	2.8	4.12
1,1,1,2-Tetrachloroethane	LCS934664	LCS934673	99.0	111.0		105.0	8.5	11.43
1,1,1,2-Tetrachloroethane	LCS934883	LCS934890	89.0	99.0		94.0	7.1	10.64
1,1,1,2-Tetrachloroethane	LCS934897	LCS934906	103.0	100.0		101.5	2.1	2.96
1,1,1,2-Tetrachloroethane	LCSEXT931078	LCSEXT931091	100.0	112.0		106.0	8.5	11.32
1,1,1,2-Tetrachloroethane	LCSEXTCAL931095	LCSEXT931164	114.0	103.0		108.5	7.8	10.14
1,1,1,2-Tetrachloroethane	LCSEXT931297	LCSEXT931310	91.0	92.0		91.5	0.7	1.09
1,1,1,2-Tetrachloroethane	LCSEXT931331	LCSEXT931337	111.0	112.0		111.5	0.7	0.90
1,1,1,2-Tetrachloroethane	LCSEXT931360	LCSEXT931370	107.0	111.0		109.0	2.8	3.67
1,1,1,2-Tetrachloroethane	LCSEXT931420	LCSEXT931502	85.0	73.0		79.0	8.5	15.19
1,1,1,2-Tetrachloroethane	LCSEXT931540	LCSEXT931555	87.0	74.0		80.5	9.2	16.15
1,1,1,2-Tetrachloroethane	LCSEXT93923	LCSEXT93930	90.0	74.0		82.0	11.3	19.51
1,1,1-Trichloroethane	LCSCAL931094	LCS931163	121.0	111.0		116.0	7.1	8.62
1,1,1-Trichloroethane	LCSCAL931294	LCS931309	96.0	94.0		95.0	1.4	2.11
1,1,1-Trichloroethane	LCSCAL931330	LCS931336	122.0	122.0		122.0	0.0	0.00
1,1,1-Trichloroethane	LCSCAL931359	LCS931368	115.0	109.0		112.0	4.2	5.36
1,1,1-Trichloroethane	LCSCAL931419	LCS931501	91.0	88.0		89.5	2.1	3.35
1,1,1-Trichloroethane	LCS931554	LCS931556	88.0	85.0		86.5	2.1	3.47
1,1,1-Trichloroethane	LCS933131	LCS933141	112.0	109.0		110.5	2.1	2.71
1,1,1-Trichloroethane	LCS933131	LCS933146	112.0	111.0		111.5	0.7	0.90
1,1,1-Trichloroethane	LCS933413	LCS933420	106.0	106.0		106.0	0.0	0.00
1,1,1-Trichloroethane	LCS933634	LCS933640	103.0	98.0		100.5	3.5	4.98
1,1,1-Trichloroethane	LCS934242	LCS934250	112.0	103.0	(X)	107.5	6.4	8.37
1,1,1-Trichloroethane	LCS934491	LCS934506	113.0	119.0		116.0	4.2	5.17
1,1,1-Trichloroethane	LCS934519	LCS934532	114.0	112.0		113.0	1.4	1.77
1,1,1-Trichloroethane	LCS934526	LCS934660	96.0	97.0		96.5	0.7	1.04
1,1,1-Trichloroethane	LCS934663	LCS934672	109.0	116.0		112.5	4.9	6.22
1,1,1-Trichloroethane	LCS934882	LCS934887	111.0	120.0		115.5	6.4	7.79
1,1,1-Trichloroethane	LCS934882	LCS934889	111.0	114.0		112.5	2.1	2.67
1,1,1-Trichloroethane	LCS934895	LCS934905	109.0	110.0		109.5	0.7	0.91
1,1,1-Trichloroethane	LCS93-850	LCS93934	93.0	107.0		100.0	9.9	14.00
1,1,2,2-Tetrachloroethane	LCSCAL931094	LCS931163	93.0	84.0		88.5	6.4	10.17

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
1,1,2,2-Tetrachloroethane	LCSCAL931294	LCS931309	78.0	83.0		80.5	3.5	6.21
1,1,2,2-Tetrachloroethane	LCSCAL931330	LCS931336	98.0	89.0		93.5	6.4	9.63
1,1,2,2-Tetrachloroethane	LCSCAL931359	LCS931368	85.0	84.0		84.5	0.7	1.18
1,1,2,2-Tetrachloroethane	LCSCAL931419	LCS931501	95.0	101.0		98.0	4.2	6.12
1,1,2,2-Tetrachloroethane	LCS931554	LCS931556	78.0	90.0		84.0	8.5	14.29
1,1,2,2-Tetrachloroethane	LCS933131	LCS933141	74.0	82.0		78.0	5.7	10.26
1,1,2,2-Tetrachloroethane	LCS933131	LCS933146	74.0	82.0		78.0	5.7	10.26
1,1,2,2-Tetrachloroethane	LCS933413	LCS933420	77.0	73.0		75.0	2.8	5.33
1,1,2,2-Tetrachloroethane	LCS933634	LCS933640	79.0	77.0		78.0	1.4	2.56
1,1,2,2-Tetrachloroethane	LCS934242	LCS934250	75.0	70.0	(X)	72.5	3.5	6.90
1,1,2,2-Tetrachloroethane	LCS934491	LCS934506	81.0	72.0		76.5	6.4	11.76
1,1,2,2-Tetrachloroethane	LCS934519	LCS934532	99.0	92.0		95.5	4.9	7.33
1,1,2,2-Tetrachloroethane	LCS934526	LCS934660	76.0	72.0		74.0	2.8	5.41
1,1,2,2-Tetrachloroethane	LCS934663	LCS934672	87.0	89.0		88.0	1.4	2.27
1,1,2,2-Tetrachloroethane	LCS934882	LCS934887	81.0	79.0		80.0	1.4	2.50
1,1,2,2-Tetrachloroethane	LCS934882	LCS934889	81.0	84.0		82.5	2.1	3.64
1,1,2,2-Tetrachloroethane	LCS934895	LCS934905	90.0	84.0		87.0	4.2	6.90
1,1,2,2-Tetrachloroethane	LCS93-850	LCS93934	75.0	93.0		84.0	12.7	21.43
1,1,2-Trichloroethane	LCSCAL931094	LCS931163	94.0	88.0		91.0	4.2	6.59
1,1,2-Trichloroethane	LCSCAL931294	LCS931309	80.0	81.0		80.5	0.7	1.24
1,1,2-Trichloroethane	LCSCAL931330	LCS931336	96.0	95.0		95.5	0.7	1.05
1,1,2-Trichloroethane	LCSCAL931359	LCS931368	91.0	90.0		90.5	0.7	1.10
1,1,2-Trichloroethane	LCSCAL931419	LCS931501	106.0	104.0		105.0	1.4	1.90
1,1,2-Trichloroethane	LCS931554	LCS931556	90.0	100.0		95.0	7.1	10.53
1,1,2-Trichloroethane	LCS933131	LCS933141	82.0	87.0		84.5	3.5	5.92
1,1,2-Trichloroethane	LCS933131	LCS933146	82.0	89.0		85.5	4.9	8.19
1,1,2-Trichloroethane	LCS933413	LCS933420	81.0	77.0		79.0	2.8	5.06
1,1,2-Trichloroethane	LCS933634	LCS933640	81.0	77.0		79.0	2.8	5.06
1,1,2-Trichloroethane	LCS934242	LCS934250	94.0	80.0	(X)	87.0	9.9	16.09
1,1,2-Trichloroethane	LCS934491	LCS934506	89.0	85.0		87.0	2.8	4.60
1,1,2-Trichloroethane	LCS934519	LCS934532	92.0	91.0		91.5	0.7	1.09
1,1,2-Trichloroethane	LCS934526	LCS934660	87.0	80.0		83.5	4.9	8.38
1,1,2-Trichloroethane	LCS934663	LCS934672	86.0	88.0		87.0	1.4	2.30
1,1,2-Trichloroethane	LCS934882	LCS934887	90.0	89.0		89.5	0.7	1.12
1,1,2-Trichloroethane	LCS934882	LCS934889	90.0	90.0		90.0	0.0	0.00

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
1,1,2-Trichloroethane	LCS934895	LCS934905	83.0	82.0		82.5	0.7	1.21
1,1,2-Trichloroethane	LCS93-850	LCS93934	70.0	84.0		77.0	9.9	18.18
1,1-Dichloroethane	LCSCAL931094	LCS931163	105.0	97.0		101.0	5.7	7.92
1,1-Dichloroethane	LCSCAL931294	LCS931309	89.0	84.0		86.5	3.5	5.78
1,1-Dichloroethane	LCSCAL931330	LCS931336	107.0	108.0		107.5	0.7	0.93
1,1-Dichloroethane	LCSCAL931359	LCS931368	102.0	98.0		100.0	2.8	4.00
1,1-Dichloroethane	LCSCAL931419	LCS931501	105.0	95.0		100.0	7.1	10.00
1,1-Dichloroethane	LCS931554	LCS931556	88.0	90.0		89.0	1.4	2.25
1,1-Dichloroethane	LCS933131	LCS933141	100.0	101.0		100.5	0.7	1.00
1,1-Dichloroethane	LCS933131	LCS933146	100.0	100.0		100.0	0.0	0.00
1,1-Dichloroethane	LCS933413	LCS933420	96.0	95.0		95.5	0.7	1.05
1,1-Dichloroethane	LCS933634	LCS933640	93.0	86.0		89.5	4.9	7.82
1,1-Dichloroethane	LCS934242	LCS934250	104.0	91.0	(X)	97.5	9.2	13.33
1,1-Dichloroethane	LCS934491	LCS934506	101.0	100.0		100.5	0.7	1.00
1,1-Dichloroethane	LCS934519	LCS934532	99.0	97.0		98.0	1.4	2.04
1,1-Dichloroethane	LCS934526	LCS934660	96.0	93.0		94.5	2.1	3.17
1,1-Dichloroethane	LCS934663	LCS934672	96.0	100.0		98.0	2.8	4.08
1,1-Dichloroethane	LCS934882	LCS934887	102.0	109.0		105.5	4.9	6.64
1,1-Dichloroethane	LCS934882	LCS934889	102.0	106.0		104.0	2.8	3.85
1,1-Dichloroethane	LCS934895	LCS934905	97.0	97.0		97.0	0.0	0.00
1,1-Dichloroethane	LCS93-850	LCS93934	90.0	100.0		95.0	7.1	10.53
1,1-Dichloroethene	LCSCAL931094	LCS931163	97.0	84.0		90.5	9.2	14.36
1,1-Dichloroethene	LCSCAL931294	LCS931309	85.0	80.0		82.5	3.5	6.06
1,1-Dichloroethene	LCSCAL931330	LCS931336	94.0	98.0		96.0	2.8	4.17
1,1-Dichloroethene	LCSCAL931359	LCS931368	92.0	87.0		89.5	3.5	5.59
1,1-Dichloroethene	LCSCAL931419	LCS931501	94.0	87.0		90.5	4.9	7.73
1,1-Dichloroethene	LCS931554	LCS931556	79.0	78.0		78.5	0.7	1.27
1,1-Dichloroethene	LCS933131	LCS933141	108.0	108.0		108.0	0.0	0.00
1,1-Dichloroethene	LCS933131	LCS933146	108.0	105.0		106.5	2.1	2.82
1,1-Dichloroethene	LCS933413	LCS933420	106.0	106.0		106.0	0.0	0.00
1,1-Dichloroethene	LCS933634	LCS933640	89.0	91.0		90.0	1.4	2.22
1,1-Dichloroethene	LCS934242	LCS934250	103.0	90.0	(X)	96.5	9.2	13.47
1,1-Dichloroethene	LCS934491	LCS934506	104.0	105.0		104.5	0.7	0.96
1,1-Dichloroethene	LCS934519	LCS934532	93.0	93.0		93.0	0.0	0.00
1,1-Dichloroethene	LCS934526	LCS934660	100.0	101.0		100.5	0.7	1.00

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
1,1-Dichloroethene	LCS934663	LCS934672	104.0	100.0		102.0	2.8	3.92
1,1-Dichloroethene	LCS934882	LCS934887	103.0	111.0		107.0	5.7	7.48
1,1-Dichloroethene	LCS934882	LCS934889	103.0	116.0		109.5	9.2	11.87
1,1-Dichloroethene	LCS934895	LCS934905	101.0	97.0		99.0	2.8	4.04
1,1-Dichloroethene	LCS93-850	LCS93934	62.0	64.0		63.0	1.4	3.17
1,2,3-Trichloropropane	LCS933130	LCS933142	91.0	93.0		92.0	1.4	2.17
1,2,3-Trichloropropane	LCS933130	LCS933147	91.0	98.0		94.5	4.9	7.41
1,2,3-Trichloropropane	LCS933415	LCS933421	80.0	82.0		81.0	1.4	2.47
1,2,3-Trichloropropane	LCS933635	LCS933639	95.0	119.0		107.0	17.0	22.43
1,2,3-Trichloropropane	LCS934245	LCS934251	74.0	74.0	(X)	74.0	0.0	0.00
1,2,3-Trichloropropane	LCS934496	LCS934507	71.0	80.0		75.5	6.4	11.92
1,2,3-Trichloropropane	LCS934522	LCS934533	125.0	123.0		124.0	1.4	1.61
1,2,3-Trichloropropane	LCS934528	LCS934661	78.0	78.0		78.0	0.0	0.00
1,2,3-Trichloropropane	LCS934664	LCS934673	107.0	123.0		115.0	11.3	13.91
1,2,3-Trichloropropane	LCS934883	LCS934890	73.0	84.0		78.5	7.8	14.01
1,2,3-Trichloropropane	LCS934897	LCS934906	117.0	107.0		112.0	7.1	8.93
1,2,3-Trichloropropane	LCSEXT931078	LCSEXT931091	105.0	115.0		110.0	7.1	9.09
1,2,3-Trichloropropane	LCSEXTCAL931095	LCSEXT931164	125.0	112.0		118.5	9.2	10.97
1,2,3-Trichloropropane	LCSEXT931297	LCSEXT931310	82.0	85.0		83.5	2.1	3.59
1,2,3-Trichloropropane	LCSEXT931331	LCSEXT931337	128.0	117.0		122.5	7.8	8.98
1,2,3-Trichloropropane	LCSEXT931360	LCSEXT931370	116.0	116.0		116.0	0.0	0.00
1,2,3-Trichloropropane	LCSEXT931420	LCSEXT931502	74.0	59.0		66.5	10.6	22.56
1,2,3-Trichloropropane	LCSEXT931540	LCSEXT931555	73.0	65.0		69.0	5.7	11.59
1,2,3-Trichloropropane	LCSEXT93923	LCSEXT93930	72.0	61.0		66.5	7.8	16.54
1,2-Dichlorobenzene	LCSCAL931094	LCS931163	104.0	96.0		100.0	5.7	8.00
1,2-Dichlorobenzene	LCSCAL931294	LCS931309	89.0	90.0		89.5	0.7	1.12
1,2-Dichlorobenzene	LCSCAL931330	LCS931336	105.0	104.0		104.5	0.7	0.96
1,2-Dichlorobenzene	LCSCAL931359	LCS931368	100.0	99.0		99.5	0.7	1.01
1,2-Dichlorobenzene	LCSCAL931419	LCS931501	112.0	107.0		109.5	3.5	4.57
1,2-Dichlorobenzene	LCS931554	LCS931556	91.0	102.0		96.5	7.8	11.40
1,2-Dichlorobenzene	LCS933131	LCS933141	95.0	100.0		97.5	3.5	5.13
1,2-Dichlorobenzene	LCS933131	LCS933146	95.0	100.0		97.5	3.5	5.13
1,2-Dichlorobenzene	LCS933413	LCS933420	94.0	93.0		93.5	0.7	1.07
1,2-Dichlorobenzene	LCS933634	LCS933640	89.0	82.0		85.5	4.9	8.19
1,2-Dichlorobenzene	LCS934242	LCS934250	90.0	85.0	(X)	87.5	3.5	5.71

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
1,2-Dichlorobenzene	LCS934491	LCS934506	94.0	97.0		95.5	2.1	3.14
1,2-Dichlorobenzene	LCS934519	LCS934532	98.0	93.0		95.5	3.5	5.24
1,2-Dichlorobenzene	LCS934526	LCS934660	94.0	98.0		96.0	2.8	4.17
1,2-Dichlorobenzene	LCS934663	LCS934672	93.0	97.0		95.0	2.8	4.21
1,2-Dichlorobenzene	LCS934882	LCS934887	95.0	99.0		97.0	2.8	4.12
1,2-Dichlorobenzene	LCS934882	LCS934889	95.0	101.0		98.0	4.2	6.12
1,2-Dichlorobenzene	LCS934895	LCS934905	93.0	86.0		89.5	4.9	7.82
1,2-Dichlorobenzene	LCS93-850	LCS93934	91.0	99.0		95.0	5.7	8.42
1,2-Dichloroethane	LCSCAL931094	LCS931163	104.0	100.0		102.0	2.8	3.92
1,2-Dichloroethane	LCSCAL931294	LCS931309	82.0	83.0		82.5	0.7	1.21
1,2-Dichloroethane	LCSCAL931330	LCS931336	106.0	105.0		105.5	0.7	0.95
1,2-Dichloroethane	LCSCAL931359	LCS931368	100.0	98.0		99.0	1.4	2.02
1,2-Dichloroethane	LCSCAL931419	LCS931501	91.0	84.0		87.5	4.9	8.00
1,2-Dichloroethane	LCS931554	LCS931556	90.0	79.0		84.5	7.8	13.02
1,2-Dichloroethane	LCS933131	LCS933141	88.0	90.0		89.0	1.4	2.25
1,2-Dichloroethane	LCS933131	LCS933146	88.0	91.0		89.5	2.1	3.35
1,2-Dichloroethane	LCS933413	LCS933420	85.0	82.0		83.5	2.1	3.59
1,2-Dichloroethane	LCS933634	LCS933640	97.0	88.0		92.5	6.4	9.73
1,2-Dichloroethane	LCS934242	LCS934250	93.0	83.0	(X)	88.0	7.1	11.36
1,2-Dichloroethane	LCS934491	LCS934506	91.0	89.0		90.0	1.4	2.22
1,2-Dichloroethane	LCS934519	LCS934532	104.0	105.0		104.5	0.7	0.96
1,2-Dichloroethane	LCS934526	LCS934660	83.0	83.0		83.0	0.0	0.00
1,2-Dichloroethane	LCS934663	LCS934672	98.0	106.0		102.0	5.7	7.84
1,2-Dichloroethane	LCS934882	LCS934887	91.0	94.0		92.5	2.1	3.24
1,2-Dichloroethane	LCS934882	LCS934889	91.0	92.0		91.5	0.7	1.09
1,2-Dichloroethane	LCS934895	LCS934905	98.0	100.0		99.0	1.4	2.02
1,2-Dichloroethane	LCS93-850	LCS93934	80.0	84.0		82.0	2.8	4.88
1,2-Dichloropropane	LCSCAL931094	LCS931163	104.0	95.0		99.5	6.4	9.05
1,2-Dichloropropane	LCSCAL931294	LCS931309	88.0	85.0		86.5	2.1	3.47
1,2-Dichloropropane	LCSCAL931330	LCS931336	104.0	102.0		103.0	1.4	1.94
1,2-Dichloropropane	LCSCAL931359	LCS931368	100.0	96.0		98.0	2.8	4.08
1,2-Dichloropropane	LCSCAL931419	LCS931501	92.0	90.0		91.0	1.4	2.20
1,2-Dichloropropane	LCS931554	LCS931556	83.0	82.0		82.5	0.7	1.21
1,2-Dichloropropane	LCS933131	LCS933141	99.0	99.0		99.0	0.0	0.00
1,2-Dichloropropane	LCS933131	LCS933146	99.0	98.0		98.5	0.7	1.02

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
1,2-Dichloropropane	LCS933413	LCS933420	92.0	92.0		92.0	0.0	0.00
1,2-Dichloropropane	LCS933634	LCS933640	90.0	84.0		87.0	4.2	6.90
1,2-Dichloropropane	LCS934242	LCS934250	101.0	90.0	(X)	95.5	7.8	11.52
1,2-Dichloropropane	LCS934491	LCS934506	101.0	101.0		101.0	0.0	0.00
1,2-Dichloropropane	LCS934519	LCS934532	95.0	98.0		96.5	2.1	3.11
1,2-Dichloropropane	LCS934526	LCS934660	93.0	88.0		90.5	3.5	5.52
1,2-Dichloropropane	LCS934663	LCS934672	93.0	97.0		95.0	2.8	4.21
1,2-Dichloropropane	LCS934882	LCS934887	100.0	104.0		102.0	2.8	3.92
1,2-Dichloropropane	LCS934882	LCS934889	100.0	102.0		101.0	1.4	1.98
1,2-Dichloropropane	LCS934895	LCS934905	89.0	90.0		89.5	0.7	1.12
1,2-Dichloropropane	LCS93-850	LCS93934	77.0	85.0		81.0	5.7	9.88
1,3-Dichlorobenzene	LCSCAL931094	LCS931163	103.0	95.0		99.0	5.7	8.08
1,3-Dichlorobenzene	LCSCAL931294	LCS931309	89.0	86.0		87.5	2.1	3.43
1,3-Dichlorobenzene	LCSCAL931330	LCS931336	103.0	102.0		102.5	0.7	0.98
1,3-Dichlorobenzene	LCSCAL931359	LCS931368	99.0	97.0		98.0	1.4	2.04
1,3-Dichlorobenzene	LCSCAL931419	LCS931501	92.0	92.0		92.0	0.0	0.00
1,3-Dichlorobenzene	LCS931554	LCS931556	77.0	86.0		81.5	6.4	11.04
1,3-Dichlorobenzene	LCS933131	LCS933141	102.0	107.0		104.5	3.5	4.78
1,3-Dichlorobenzene	LCS933131	LCS933146	102.0	105.0		103.5	2.1	2.90
1,3-Dichlorobenzene	LCS933413	LCS933420	101.0	100.0		100.5	0.7	1.00
1,3-Dichlorobenzene	LCS933634	LCS933640	84.0	77.0		80.5	4.9	8.70
1,3-Dichlorobenzene	LCS934242	LCS934250	95.0	91.0	(X)	93.0	2.8	4.30
1,3-Dichlorobenzene	LCS934491	LCS934506	100.0	101.0		100.5	0.7	1.00
1,3-Dichlorobenzene	LCS934519	LCS934532	92.0	88.0		90.0	2.8	4.44
1,3-Dichlorobenzene	LCS934526	LCS934660	95.0	91.0		93.0	2.8	4.30
1,3-Dichlorobenzene	LCS934663	LCS934672	86.0	90.0		88.0	2.8	4.55
1,3-Dichlorobenzene	LCS934882	LCS934887	104.0	106.0		105.0	1.4	1.90
1,3-Dichlorobenzene	LCS934882	LCS934889	104.0	110.0		107.0	4.2	5.61
1,3-Dichlorobenzene	LCS934895	LCS934905	83.0	81.0		82.0	1.4	2.44
1,3-Dichlorobenzene	LCS93-850	LCS93934	78.0	92.0		85.0	9.9	16.47
1,4-Dichlorobenzene	LCSCAL931094	LCS931163	107.0	99.0		103.0	5.7	7.77
1,4-Dichlorobenzene	LCSCAL931294	LCS931309	93.0	92.0		92.5	0.7	1.08
1,4-Dichlorobenzene	LCSCAL931330	LCS931336	112.0	109.0		110.5	2.1	2.71
1,4-Dichlorobenzene	LCSCAL931359	LCS931368	103.0	102.0		102.5	0.7	0.98
1,4-Dichlorobenzene	LCSCAL931419	LCS931501	115.0	115.0		115.0	0.0	0.00

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
1,4-Dichlorobenzene	LCS931554	LCS931556	98.0	111.0		104.5	9.2	12.44
1,4-Dichlorobenzene	LCS933131	LCS933141	98.0	105.0		101.5	4.9	6.90
1,4-Dichlorobenzene	LCS933131	LCS933146	98.0	104.0		101.0	4.2	5.94
1,4-Dichlorobenzene	LCS933413	LCS933420	98.0	98.0		98.0	0.0	0.00
1,4-Dichlorobenzene	LCS933634	LCS933640	98.0	90.0		94.0	5.7	8.51
1,4-Dichlorobenzene	LCS934242	LCS934250	94.0	85.0	(X)	89.5	6.4	10.06
1,4-Dichlorobenzene	LCS934491	LCS934506	95.0	98.0		96.5	2.1	3.11
1,4-Dichlorobenzene	LCS934519	LCS934532	106.0	101.0		103.5	3.5	4.83
1,4-Dichlorobenzene	LCS934526	LCS934660	99.0	93.0		96.0	4.2	6.25
1,4-Dichlorobenzene	LCS934663	LCS934672	100.0	104.0		102.0	2.8	3.92
1,4-Dichlorobenzene	LCS934882	LCS934887	98.0	101.0		99.5	2.1	3.02
1,4-Dichlorobenzene	LCS934882	LCS934889	98.0	104.0		101.0	4.2	5.94
1,4-Dichlorobenzene	LCS934895	LCS934905	101.0	99.0		100.0	1.4	2.00
1,4-Dichlorobenzene	LCS93-850	LCS93934	97.0	107.0		102.0	7.1	9.80
1-Chlorohexane	LCS933130	LCS933142	110.0	116.0		113.0	4.2	5.31
1-Chlorohexane	LCS933130	LCS933147	110.0	128.0		119.0	12.7	15.13
1-Chlorohexane	LCS933415	LCS933421	119.0	107.0		113.0	8.5	10.62
1-Chlorohexane	LCS933635	LCS933639	82.0	97.0		89.5	10.6	16.76
1-Chlorohexane	LCS934245	LCS934251	115.0	112.0	(X)	113.5	2.1	2.64
1-Chlorohexane	LCS934496	LCS934507	118.0	117.0		117.5	0.7	0.85
1-Chlorohexane	LCS934522	LCS934533	108.0	105.0		106.5	2.1	2.82
1-Chlorohexane	LCS934528	LCS934661	111.0	119.0		115.0	5.7	6.96
1-Chlorohexane	LCS934664	LCS934673	100.0	105.0		102.5	3.5	4.88
1-Chlorohexane	LCS934883	LCS934890	105.0	119.0		112.0	9.9	12.50
1-Chlorohexane	LCS934897	LCS934906	96.0	87.0		91.5	6.4	9.84
1-Chlorohexane	LCSEXT931078	LCSEXT931091	110.0	126.0		118.0	11.3	13.56
1-Chlorohexane	LCSEXTCAL931095	LCSEXT931164	126.0	112.0		119.0	9.9	11.76
1-Chlorohexane	LCSEXT931297	LCSEXT931310	88.0	82.0		85.0	4.2	7.06
1-Chlorohexane	LCSEXT931331	LCSEXT931337	117.0	123.0		120.0	4.2	5.00
1-Chlorohexane	LCSEXT931360	LCSEXT931370	116.0	122.0		119.0	4.2	5.04
1-Chlorohexane	LCSEXT931420	LCSEXT931502	109.0	98.0		103.5	7.8	10.63
1-Chlorohexane	LCSEXT931540	LCSEXT931555	111.0	99.0		105.0	8.5	11.43
1-Chlorohexane	LCSEXT93923	LCSEXT93930	134.0	102.0		118.0	22.6	27.12
2-Chloroethyl vinyl ether	LCSCAL931094	LCS931163	108.0	119.0		113.5	7.8	9.69
2-Chloroethyl vinyl ether	LCSCAL931294	LCS931309	64.0	63.0		63.5	0.7	1.57

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
2-Chloroethyl vinyl ether	LCSCAL931330	LCS931336	130.0	124.0		127.0	4.2	4.72
2-Chloroethyl vinyl ether	LCSCAL931359	LCS931368	124.0	110.0		117.0	9.9	11.97
2-Chloroethyl vinyl ether	LCSCAL931419	LCS931501	75.0	71.0		73.0	2.8	5.48
2-Chloroethyl vinyl ether	LCS931554	LCS931556	47.0	61.0		54.0	9.9	25.93
2-Chloroethyl vinyl ether	LCS933131	LCS933141	57.0	51.0		54.0	4.2	11.11
2-Chloroethyl vinyl ether	LCS933131	LCS933146	57.0	53.0		55.0	2.8	7.27
2-Chloroethyl vinyl ether	LCS933413	LCS933420	59.0	51.0		55.0	5.7	14.55
2-Chloroethyl vinyl ether	LCS933634	LCS933640	103.0	93.0		98.0	7.1	10.20
2-Chloroethyl vinyl ether	LCS934242	LCS934250	79.0	68.0	(X)	73.5	7.8	14.97
2-Chloroethyl vinyl ether	LCS934491	LCS934506	79.0	71.0		75.0	5.7	10.67
2-Chloroethyl vinyl ether	LCS934519	LCS934532	146.0	124.0		135.0	15.6	16.30
2-Chloroethyl vinyl ether	LCS934526	LCS934660	75.0	61.0		68.0	9.9	20.59
2-Chloroethyl vinyl ether	LCS934663	LCS934672	139.0	122.0		130.5	12.0	13.03
2-Chloroethyl vinyl ether	LCS934882	LCS934887	79.0	83.0		81.0	2.8	4.94
2-Chloroethyl vinyl ether	LCS934882	LCS934889	79.0	70.0		74.5	6.4	12.08
2-Chloroethyl vinyl ether	LCS934895	LCS934905	131.0	110.0		120.5	14.8	17.43
2-Chloroethyl vinyl ether	LCS93-850	LCS93934	41.0	50.0		45.5	6.4	19.78
Bromobenzene	LCS933130	LCS933142	84.0	87.0		85.5	2.1	3.51
Bromobenzene	LCS933130	LCS933147	84.0	95.0		89.5	7.8	12.29
Bromobenzene	LCS933415	LCS933421	82.0	78.0		80.0	2.8	5.00
Bromobenzene	LCS933635	LCS933639	89.0	99.0		94.0	7.1	10.64
Bromobenzene	LCS934245	LCS934251	113.0	104.0	(X)	108.5	6.4	8.29
Bromobenzene	LCS934496	LCS934507	106.0	115.0		110.5	6.4	8.14
Bromobenzene	LCS934522	LCS934533	109.0	111.0		110.0	1.4	1.82
Bromobenzene	LCS934528	LCS934661	114.0	111.0		112.5	2.1	2.67
Bromobenzene	LCS934664	LCS934673	100.0	110.0		105.0	7.1	9.52
Bromobenzene	LCS934883	LCS934890	90.0	98.0		94.0	5.7	8.51
Bromobenzene	LCS934897	LCS934906	103.0	97.0		100.0	4.2	6.00
Bromobenzene	LCSEXT931078	LCSEXT931091	120.0	134.0		127.0	9.9	11.02
Bromobenzene	LCSEXTCAL931095	LCSEXT931164	136.0	122.0		129.0	9.9	10.85
Bromobenzene	LCSEXT931297	LCSEXT931310	89.0	90.0		89.5	0.7	1.12
Bromobenzene	LCSEXT931331	LCSEXT931337	114.0	132.0		123.0	12.7	14.63
Bromobenzene	LCSEXT931360	LCSEXT931370	125.0	133.0		129.0	5.7	6.20
Bromobenzene	LCSEXT931420	LCSEXT931502	100.0	103.0		101.5	2.1	2.96
Bromobenzene	LCSEXT931540	LCSEXT931555	103.0	89.0		96.0	9.9	14.58

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
Bromobenzene	LCSEXT93923	LCSEXT93930	95.0	74.0		84.5	14.8	24.85
Bromodichloromethane	LCSCAL931094	LCS931163	101.0	93.0		97.0	5.7	8.25
Bromodichloromethane	LCSCAL931294	LCS931309	81.0	81.0		81.0	0.0	0.00
Bromodichloromethane	LCSCAL931330	LCS931336	101.0	101.0		101.0	0.0	0.00
Bromodichloromethane	LCSCAL931359	LCS931368	97.0	95.0		96.0	1.4	2.08
Bromodichloromethane	LCSCAL931419	LCS931501	88.0	90.0		89.0	1.4	2.25
Bromodichloromethane	LCS931554	LCS931556	84.0	83.0		83.5	0.7	1.20
Bromodichloromethane	LCS933131	LCS933141	89.0	91.0		90.0	1.4	2.22
Bromodichloromethane	LCS933131	LCS933146	89.0	93.0		91.0	2.8	4.40
Bromodichloromethane	LCS933413	LCS933420	85.0	83.0		84.0	1.4	2.38
Bromodichloromethane	LCS933634	LCS933640	88.0	80.0		84.0	5.7	9.52
Bromodichloromethane	LCS934242	LCS934250	91.0	84.0	(X)	87.5	4.9	8.00
Bromodichloromethane	LCS934491	LCS934506	92.0	95.0		93.5	2.1	3.21
Bromodichloromethane	LCS934519	LCS934532	90.0	91.0		90.5	0.7	1.10
Bromodichloromethane	LCS934526	LCS934660	91.0	85.0		88.0	4.2	6.82
Bromodichloromethane	LCS934663	LCS934672	89.0	94.0		91.5	3.5	5.46
Bromodichloromethane	LCS934882	LCS934887	103.0	106.0		104.5	2.1	2.87
Bromodichloromethane	LCS934882	LCS934889	103.0	106.0		104.5	2.1	2.87
Bromodichloromethane	LCS934895	LCS934905	86.0	89.0		87.5	2.1	3.43
Bromodichloromethane	LCS93-850	LCS93934	69.0	74.0		71.5	3.5	6.99
Bromomethane	LCSCAL931094	LCS931163	128.0	116.0		122.0	8.5	9.84
Bromomethane	LCSCAL931294	LCS931309	66.0	63.0		64.5	2.1	4.65
Bromomethane	LCSCAL931330	LCS931336	132.0	115.0		123.5	12.0	13.77
Bromomethane	LCSCAL931359	LCS931368	111.0	105.0		108.0	4.2	5.56
Bromomethane	LCSCAL931419	LCS931501	89.0	85.0		87.0	2.8	4.60
Bromomethane	LCS931554	LCS931556	76.0	77.0		76.5	0.7	1.31
Bromomethane	LCS933131	LCS933141	57.0	56.0		56.5	0.7	1.77
Bromomethane	LCS933131	LCS933146	57.0	55.0		56.0	1.4	3.57
Bromomethane	LCS933413	LCS933420	62.0	54.0		58.0	5.7	13.79
Bromomethane	LCS933634	LCS933640	115.0	107.0		111.0	5.7	7.21
Bromomethane	LCS934242	LCS934250	59.0	54.0	(X)	56.5	3.5	8.85
Bromomethane	LCS934491	LCS934506	63.0	57.0		60.0	4.2	10.00
Bromomethane	LCS934519	LCS934532	102.0	103.0		102.5	0.7	0.98
Bromomethane	LCS934526	LCS934660	73.0	66.0		69.5	4.9	10.07
Bromomethane	LCS934663	LCS934672	122.0	119.0		120.5	2.1	2.49

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Bromomethane	LCS934882	LCS934887	79.0	80.0	79.5	0.7	1.26
Bromomethane	LCS934882	LCS934889	79.0	84.0	81.5	3.5	6.13
Bromomethane	LCS934895	LCS934905	126.0	123.0	124.5	2.1	2.41
Bromomethane	LCS93-850	LCS93934	71.0	77.0	74.0	4.2	8.11
Carbon tetrachloride	LCSCAL931094	LCS931163	119.0	108.0	113.5	7.8	9.69
Carbon tetrachloride	LCSCAL931294	LCS931309	98.0	94.0	96.0	2.8	4.17
Carbon tetrachloride	LCSCAL931330	LCS931336	118.0	116.0	117.0	1.4	1.71
Carbon tetrachloride	LCSCAL931359	LCS931368	113.0	107.0	110.0	4.2	5.45
Carbon tetrachloride	LCSCAL931419	LCS931501	100.0	98.0	99.0	1.4	2.02
Carbon tetrachloride	LCS931554	LCS931556	91.0	93.0	92.0	1.4	2.17
Carbon tetrachloride	LCS933131	LCS933141	116.0	113.0	114.5	2.1	2.62
Carbon tetrachloride	LCS933131	LCS933146	116.0	114.0	115.0	1.4	1.74
Carbon tetrachloride	LCS933413	LCS933420	110.0	111.0	110.5	0.7	0.90
Carbon tetrachloride	LCS933634	LCS933640	103.0	95.0	99.0	5.7	8.08
Carbon tetrachloride	LCS934242	LCS934250	115.0	105.0 (X)	110.0	7.1	9.09
Carbon tetrachloride	LCS934491	LCS934506	116.0	121.0	118.5	3.5	4.22
Carbon tetrachloride	LCS934519	LCS934532	115.0	110.0	112.5	3.5	4.44
Carbon tetrachloride	LCS934526	LCS934660	104.0	105.0	104.5	0.7	0.96
Carbon tetrachloride	LCS934663	LCS934672	109.0	115.0	112.0	4.2	5.36
Carbon tetrachloride	LCS934882	LCS934887	118.0	129.0	123.5	7.8	8.91
Carbon tetrachloride	LCS934882	LCS934889	118.0	123.0	120.5	3.5	4.15
Carbon tetrachloride	LCS934895	LCS934905	111.0	111.0	111.0	0.0	0.00
Carbon tetrachloride	LCS93-850	LCS93934	91.0	106.0	98.5	10.6	15.23
Chlorobenzene	LCSCAL931094	LCS931163	106.0	98.0	102.0	5.7	7.84
Chlorobenzene	LCSCAL931294	LCS931309	87.0	85.0	86.0	1.4	2.33
Chlorobenzene	LCSCAL931330	LCS931336	98.0	107.0	102.5	6.4	8.78
Chlorobenzene	LCSCAL931359	LCS931368	100.0	88.0	94.0	8.5	12.77
Chlorobenzene	LCSCAL931419	LCS931501	103.0	101.0	102.0	1.4	1.96
Chlorobenzene	LCS931554	LCS931556	88.0	98.0	93.0	7.1	10.75
Chlorobenzene	LCS933131	LCS933141	102.0	104.0	103.0	1.4	1.94
Chlorobenzene	LCS933131	LCS933146	102.0	103.0	102.5	0.7	0.98
Chlorobenzene	LCS933413	LCS933420	96.0	96.0	96.0	0.0	0.00
Chlorobenzene	LCS933634	LCS933640	91.0	83.0	87.0	5.7	9.20
Chlorobenzene	LCS934242	LCS934250	96.0	85.0 (X)	90.5	7.8	12.15
Chlorobenzene	LCS934491	LCS934506	98.0	99.0	98.5	0.7	1.02

Compiled: 10 May 1994

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
Chlorobenzene	LCS934519	LCS934532	100.0	98.0		99.0	1.4	2.02
Chlorobenzene	LCS934526	LCS934660	101.0	95.0		98.0	4.2	6.12
Chlorobenzene	LCS934663	LCS934672	95.0	99.0		97.0	2.8	4.12
Chlorobenzene	LCS934882	LCS934887	103.0	113.0		108.0	7.1	9.26
Chlorobenzene	LCS934882	LCS934889	103.0	112.0		107.5	6.4	8.37
Chlorobenzene	LCS934895	LCS934905	94.0	93.0		93.5	0.7	1.07
Chlorobenzene	LCS93-850	LCS93934	83.0	98.0		90.5	10.6	16.57
Chloroethane	LCSCAL931094	LCS931163	109.0	95.0		102.0	9.9	13.73
Chloroethane	LCSCAL931294	LCS931309	99.0	91.0		95.0	5.7	8.42
Chloroethane	LCSCAL931330	LCS931336	110.0	106.0		108.0	2.8	3.70
Chloroethane	LCSCAL931359	LCS931368	103.0	96.0		99.5	4.9	7.04
Chloroethane	LCSCAL931419	LCS931501	125.0	116.0		120.5	6.4	7.47
Chloroethane	LCS931554	LCS931556	111.0	110.0		110.5	0.7	0.90
Chloroethane	LCS933131	LCS933141	96.0	95.0		95.5	0.7	1.05
Chloroethane	LCS933131	LCS933146	96.0	93.0		94.5	2.1	3.17
Chloroethane	LCS933413	LCS933420	98.0	95.0		96.5	2.1	3.11
Chloroethane	LCS933634	LCS933640	104.0	101.0		102.5	2.1	2.93
Chloroethane	LCS934242	LCS934250	88.0	78.0	(X)	83.0	7.1	12.05
Chloroethane	LCS934491	LCS934506	90.0	82.0		86.0	5.7	9.30
Chloroethane	LCS934519	LCS934532	113.0	102.0		107.5	7.8	10.23
Chloroethane	LCS934526	LCS934660	90.0	79.0		84.5	7.8	13.02
Chloroethane	LCS934663	LCS934672	113.0	110.0		111.5	2.1	2.69
Chloroethane	LCS934882	LCS934887	96.0	98.0		97.0	1.4	2.06
Chloroethane	LCS934882	LCS934889	96.0	98.0		97.0	1.4	2.06
Chloroethane	LCS934895	LCS934905	112.0	111.0		111.5	0.7	0.90
Chloroethane	LCS93-850	LCS93934	86.0	94.0		90.0	5.7	8.89
Chloroform	LCSCAL931094	LCS931163	113.0	103.0		108.0	7.1	9.26
Chloroform	LCSCAL931294	LCS931309	96.0	94.0		95.0	1.4	2.11
Chloroform	LCSCAL931330	LCS931336	112.0	112.0		112.0	0.0	0.00
Chloroform	LCSCAL931359	LCS931368	105.0	103.0		104.0	1.4	1.92
Chloroform	LCSCAL931419	LCS931501	107.0	97.0		102.0	7.1	9.80
Chloroform	LCS931554	LCS931556	88.0	97.0		92.5	6.4	9.73
Chloroform	LCS933131	LCS933141	106.0	107.0		106.5	0.7	0.94
Chloroform	LCS933131	LCS933146	106.0	107.0		106.5	0.7	0.94
Chloroform	LCS933413	LCS933420	101.0	101.0		101.0	0.0	0.00

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
Chloroform	LCS933634	LCS933640	97.0	91.0		94.0	4.2	6.38
Chloroform	LCS934242	LCS934250	117.0	103.0	(X)	110.0	9.9	12.73
Chloroform	LCS934491	LCS934506	112.0	113.0		112.5	0.7	0.89
Chloroform	LCS934519	LCS934532	106.0	106.0		106.0	0.0	0.00
Chloroform	LCS934526	LCS934660	96.0	98.0		97.0	1.4	2.06
Chloroform	LCS934663	LCS934672	100.0	105.0		102.5	3.5	4.88
Chloroform	LCS934882	LCS934887	105.0	114.0		109.5	6.4	8.22
Chloroform	LCS934882	LCS934889	105.0	108.0		106.5	2.1	2.82
Chloroform	LCS934895	LCS934905	102.0	100.0		101.0	1.4	1.98
Chloroform	LCS93-850	LCS93934	90.0	98.0		94.0	5.7	8.51
Chloromethane	LCSCAL931094	LCS931163	88.0	87.0		87.5	0.7	1.14
Chloromethane	LCSCAL931294	LCS931309	76.0	68.0		72.0	5.7	11.11
Chloromethane	LCSCAL931330	LCS931336	89.0	92.0		90.5	2.1	3.31
Chloromethane	LCSCAL931359	LCS931368	81.0	83.0		82.0	1.4	2.44
Chloromethane	LCSCAL931419	LCS931501	94.0	96.0		95.0	1.4	2.11
Chloromethane	LCS931554	LCS931556	86.0	86.0		86.0	0.0	0.00
Chloromethane	LCS933131	LCS933141	75.0	74.0		74.5	0.7	1.34
Chloromethane	LCS933131	LCS933146	75.0	70.0		72.5	3.5	6.90
Chloromethane	LCS933413	LCS933420	74.0	67.0		70.5	4.9	9.93
Chloromethane	LCS933634	LCS933640	71.0	61.0		66.0	7.1	15.15
Chloromethane	LCS934242	LCS934250	62.0	53.0	(X)	57.5	6.4	15.65
Chloromethane	LCS934491	LCS934506	63.0	59.0		61.0	2.8	6.56
Chloromethane	LCS934519	LCS934532	71.0	70.0		70.5	0.7	1.42
Chloromethane	LCS934526	LCS934660	64.0	70.0		67.0	4.2	8.96
Chloromethane	LCS934663	LCS934672	76.0	75.0		75.5	0.7	1.32
Chloromethane	LCS934882	LCS934887	75.0	78.0		76.5	2.1	3.92
Chloromethane	LCS934882	LCS934889	75.0	80.0		77.5	3.5	6.45
Chloromethane	LCS934895	LCS934905	82.0	76.0		79.0	4.2	7.59
Chloromethane	LCS93-850	LCS93934	76.0	82.0		79.0	4.2	7.59
Dibromochloromethane	LCSCAL931094	LCS931163	103.0	95.0		99.0	5.7	8.08
Dibromochloromethane	LCSCAL931294	LCS931309	77.0	87.0		82.0	7.1	12.20
Dibromochloromethane	LCSCAL931330	LCS931336	103.0	102.0		102.5	0.7	0.98
Dibromochloromethane	LCSCAL931359	LCS931368	97.0	102.0		99.5	3.5	5.03
Dibromochloromethane	LCSCAL931419	LCS931501	87.0	93.0		90.0	4.2	6.67
Dibromochloromethane	LCS931554	LCS931556	79.0	89.0		84.0	7.1	11.90

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
Dibromochloromethane	LCS933131	LCS933141	83.0	89.0		86.0	4.2	6.98
Dibromochloromethane	LCS933131	LCS933146	83.0	90.0		86.5	4.9	8.09
Dibromochloromethane	LCS933413	LCS933420	84.0	81.0		82.5	2.1	3.64
Dibromochloromethane	LCS933634	LCS933640	89.0	88.0		88.5	0.7	1.13
Dibromochloromethane	LCS934242	LCS934250	89.0	82.0	(X)	85.5	4.9	8.19
Dibromochloromethane	LCS934491	LCS934506	89.0	90.0		89.5	0.7	1.12
Dibromochloromethane	LCS934519	LCS934532	101.0	102.0		101.5	0.7	0.99
Dibromochloromethane	LCS934526	LCS934660	95.0	93.0		94.0	1.4	2.13
Dibromochloromethane	LCS934663	LCS934672	96.0	100.0		98.0	2.8	4.08
Dibromochloromethane	LCS934882	LCS934887	91.0	91.0		91.0	0.0	0.00
Dibromochloromethane	LCS934882	LCS934889	91.0	94.0		92.5	2.1	3.24
Dibromochloromethane	LCS934895	LCS934905	97.0	96.0		96.5	0.7	1.04
Dibromochloromethane	LCS93-850	LCS93934	78.0	93.0		85.5	10.6	17.54
Dibromomethane	LCS933130	LCS933142	75.0	76.0		75.5	0.7	1.32
Dibromomethane	LCS933130	LCS933147	75.0	84.0		79.5	6.4	11.32
Dibromomethane	LCS933415	LCS933421	70.0	68.0		69.0	1.4	2.90
Dibromomethane	LCS933635	LCS933639	75.0	93.0		84.0	12.7	21.43
Dibromomethane	LCS934245	LCS934251	85.0	87.0	(X)	86.0	1.4	2.33
Dibromomethane	LCS934496	LCS934507	82.0	87.0		84.5	3.5	5.92
Dibromomethane	LCS934522	LCS934533	108.0	112.0		110.0	2.8	3.64
Dibromomethane	LCS934528	LCS934661	88.0	85.0		86.5	2.1	3.47
Dibromomethane	LCS934664	LCS934673	94.0	105.0		99.5	7.8	11.06
Dibromomethane	LCS934883	LCS934890	79.0	90.0		84.5	7.8	13.02
Dibromomethane	LCS934897	LCS934906	95.0	93.0		94.0	1.4	2.13
Dibromomethane	LCSEXT931078	LCSEXT931091	98.0	111.0		104.5	9.2	12.44
Dibromomethane	LCSEXTCAL931095	LCSEXT931164	114.0	101.0		107.5	9.2	12.09
Dibromomethane	LCSEXT931297	LCSEXT931310	64.0	65.0		64.5	0.7	1.55
Dibromomethane	LCSEXT931331	LCSEXT931337	103.0	111.0		107.0	5.7	7.48
Dibromomethane	LCSEXT931360	LCSEXT931370	111.0	110.0		110.5	0.7	0.90
Dibromomethane	LCSEXT931420	LCSEXT931502	86.0	74.0		80.0	8.5	15.00
Dibromomethane	LCSEXT931540	LCSEXT931555	86.0	77.0		81.5	6.4	11.04
Dibromomethane	LCSEXT93923	LCSEXT93930	76.0	68.0		72.0	5.7	11.11
Methylene chloride	LCSCAL931094	LCS931163	109.0	120.0		114.5	7.8	9.61
Methylene chloride	LCSCAL931294	LCS931309	84.0	71.0		77.5	9.2	16.77
Methylene chloride	LCSCAL931330	LCS931336	113.0	124.0		118.5	7.8	9.28

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
Methylene chloride	LCSCAL931359	LCS931368	104.0	85.0		94.5	13.4	20.11
Methylene chloride	LCSCAL931419	LCS931501	100.0	90.0		95.0	7.1	10.53
Methylene chloride	LCS931554	LCS931556	88.0	91.0		89.5	2.1	3.35
Methylene chloride	LCS93-850	LCS93934	84.0	93.0		88.5	6.4	10.17
Tetrachloroethene	LCSCAL931094	LCS931163	114.0	104.0		109.0	7.1	9.17
Tetrachloroethene	LCSCAL931294	LCS931309	97.0	94.0		95.5	2.1	3.14
Tetrachloroethene	LCSCAL931330	LCS931336	115.0	117.0		116.0	1.4	1.72
Tetrachloroethene	LCSCAL931359	LCS931368	109.0	106.0		107.5	2.1	2.79
Tetrachloroethene	LCSCAL931419	LCS931501	120.0	117.0		118.5	2.1	2.53
Tetrachloroethene	LCS931554	LCS931556	101.0	103.0		102.0	1.4	1.96
Tetrachloroethene	LCS933131	LCS933141	123.0	121.0		122.0	1.4	1.64
Tetrachloroethene	LCS933131	LCS933146	123.0	120.0		121.5	2.1	2.47
Tetrachloroethene	LCS933413	LCS933420	116.0	117.0		116.5	0.7	0.86
Tetrachloroethene	LCS933634	LCS933640	100.0	92.0		96.0	5.7	8.33
Tetrachloroethene	LCS934242	LCS934250	112.0	100.0	(X)	106.0	8.5	11.32
Tetrachloroethene	LCS934491	LCS934506	109.0	114.0		111.5	3.5	4.48
Tetrachloroethene	LCS934519	LCS934532	112.0	107.0		109.5	3.5	4.57
Tetrachloroethene	LCS934526	LCS934660	111.0	116.0		113.5	3.5	4.41
Tetrachloroethene	LCS934663	LCS934672	106.0	111.0		108.5	3.5	4.61
Tetrachloroethene	LCS934882	LCS934887	126.0	127.0		126.5	0.7	0.79
Tetrachloroethene	LCS934882	LCS934889	126.0	128.0		127.0	1.4	1.57
Tetrachloroethene	LCS934895	LCS934905	106.0	105.0		105.5	0.7	0.95
Tetrachloroethene	LCS93-850	LCS93934	88.0	107.0		97.5	13.4	19.49
Tribromomethane(Bromoform)	LCSCAL931094	LCS931163	88.0	85.0		86.5	2.1	3.47
Tribromomethane(Bromoform)	LCSCAL931294	LCS931309	52.0	57.0		54.5	3.5	9.17
Tribromomethane(Bromoform)	LCSCAL931330	LCS931336	90.0	95.0		92.5	3.5	5.41
Tribromomethane(Bromoform)	LCSCAL931359	LCS931368	90.0	86.0		88.0	2.8	4.55
Tribromomethane(Bromoform)	LCSCAL931419	LCS931501	78.0	82.0		80.0	2.8	5.00
Tribromomethane(Bromoform)	LCS931554	LCS931556	66.0	83.0		74.5	12.0	22.82
Tribromomethane(Bromoform)	LCS933131	LCS933141	64.0	70.0		67.0	4.2	8.96
Tribromomethane(Bromoform)	LCS933131	LCS933146	64.0	72.0		68.0	5.7	11.76
Tribromomethane(Bromoform)	LCS933413	LCS933420	67.0	61.0		64.0	4.2	9.38
Tribromomethane(Bromoform)	LCS933634	LCS933640	73.0	71.0		72.0	1.4	2.78
Tribromomethane(Bromoform)	LCS934242	LCS934250	80.0	70.0	(X)	75.0	7.1	13.33
Tribromomethane(Bromoform)	LCS934491	LCS934506	80.0	76.0		78.0	2.8	5.13

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
Tribromomethane(Bromoform)	LCS934519	LCS934532	87.0	85.0		86.0	1.4	2.33
Tribromomethane(Bromoform)	LCS934526	LCS934660	102.0	99.0		100.5	2.1	2.99
Tribromomethane(Bromoform)	LCS934663	LCS934672	82.0	84.0		83.0	1.4	2.41
Tribromomethane(Bromoform)	LCS934882	LCS934887	81.0	79.0		80.0	1.4	2.50
Tribromomethane(Bromoform)	LCS934882	LCS934889	81.0	84.0		82.5	2.1	3.64
Tribromomethane(Bromoform)	LCS934895	LCS934905	81.0	76.0		78.5	3.5	6.37
Tribromomethane(Bromoform)	LCS93-850	LCS93934	79.0	88.0		83.5	6.4	10.78
Trichloroethene	LCSCAL931094	LCS931163	110.0	102.0		106.0	5.7	7.55
Trichloroethene	LCSCAL931294	LCS931309	94.0	90.0		92.0	2.8	4.35
Trichloroethene	LCSCAL931330	LCS931336	113.0	117.0		115.0	2.8	3.48
Trichloroethene	LCSCAL931359	LCS931368	112.0	106.0		109.0	4.2	5.50
Trichloroethene	LCSCAL931419	LCS931501	111.0	97.0		104.0	9.9	13.46
Trichloroethene	LCS931554	LCS931556	91.0	92.0		91.5	0.7	1.09
Trichloroethene	LCS933131	LCS933141	110.0	109.0		109.5	0.7	0.91
Trichloroethene	LCS933131	LCS933146	110.0	109.0		109.5	0.7	0.91
Trichloroethene	LCS933413	LCS933420	103.0	102.0		102.5	0.7	0.98
Trichloroethene	LCS933634	LCS933640	99.0	90.0		94.5	6.4	9.52
Trichloroethene	LCS934242	LCS934250	110.0	93.0	(X)	101.5	12.0	16.75
Trichloroethene	LCS934491	LCS934506	110.0	116.0		113.0	4.2	5.31
Trichloroethene	LCS934519	LCS934532	106.0	106.0		106.0	0.0	0.00
Trichloroethene	LCS934526	LCS934660	107.0	106.0		106.5	0.7	0.94
Trichloroethene	LCS934663	LCS934672	104.0	109.0		106.5	3.5	4.69
Trichloroethene	LCS934882	LCS934887	110.0	118.0		114.0	5.7	7.02
Trichloroethene	LCS934882	LCS934889	110.0	114.0		112.0	2.8	3.57
Trichloroethene	LCS934895	LCS934905	99.0	98.0		98.5	0.7	1.02
Trichloroethene	LCS93-850	LCS93934	93.0	106.0		99.5	9.2	13.07
Trichlorofluoromethane	LCSCAL931094	LCS931163	96.0	79.0		87.5	12.0	19.43
Trichlorofluoromethane	LCSCAL931294	LCS931309	79.0	72.0		75.5	4.9	9.27
Trichlorofluoromethane	LCSCAL931330	LCS931336	94.0	91.0		92.5	2.1	3.24
Trichlorofluoromethane	LCSCAL931359	LCS931368	88.0	82.0		85.0	4.2	7.06
Trichlorofluoromethane	LCSCAL931419	LCS931501	96.0	84.0		90.0	8.5	13.33
Trichlorofluoromethane	LCS931554	LCS931556	77.0	76.0		76.5	0.7	1.31
Trichlorofluoromethane	LCS933131	LCS933141	93.0	92.0		92.5	0.7	1.08
Trichlorofluoromethane	LCS933131	LCS933146	93.0	89.0		91.0	2.8	4.40
Trichlorofluoromethane	LCS933413	LCS933420	92.0	93.0		92.5	0.7	1.08

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
Trichlorofluoromethane	LCS933634	LCS933640	89.0	92.0		90.5	2.1	3.31
Trichlorofluoromethane	LCS934242	LCS934250	74.0	68.0	(X)	71.0	4.2	8.45
Trichlorofluoromethane	LCS934491	LCS934506	103.0	110.0		106.5	4.9	6.57
Trichlorofluoromethane	LCS934519	LCS934532	99.0	88.0		93.5	7.8	11.76
Trichlorofluoromethane	LCS934526	LCS934660	93.0	92.0		92.5	0.7	1.08
Trichlorofluoromethane	LCS934663	LCS934672	106.0	100.0		103.0	4.2	5.83
Trichlorofluoromethane	LCS934882	LCS934887	94.0	94.0		94.0	0.0	0.00
Trichlorofluoromethane	LCS934882	LCS934889	94.0	101.0		97.5	4.9	7.18
Trichlorofluoromethane	LCS934895	LCS934905	97.0	97.0		97.0	0.0	0.00
Trichlorofluoromethane	LCS93-850	LCS93934	62.0	71.0		66.5	6.4	13.53
Vinyl chloride	LCSCAL931094	LCS931163	138.0	117.0		127.5	14.8	16.47
Vinyl chloride	LCSCAL931294	LCS931309	115.0	109.0		112.0	4.2	5.36
Vinyl chloride	LCSCAL931330	LCS931336	139.0	133.0		136.0	4.2	4.41
Vinyl chloride	LCSCAL931359	LCS931368	134.0	119.0		126.5	10.6	11.86
Vinyl chloride	LCSCAL931419	LCS931501	132.0	126.0		129.0	4.2	4.65
Vinyl chloride	LCS931554	LCS931556	118.0	114.0		116.0	2.8	3.45
Vinyl chloride	LCS93-850	LCS93934	88.0	100.0		94.0	8.5	12.77
cis-1,2-Dichloroethene	LCS933131	LCS933141	105.0	106.0		105.5	0.7	0.95
cis-1,2-Dichloroethene	LCS933131	LCS933146	105.0	104.0		104.5	0.7	0.96
cis-1,2-Dichloroethene	LCS933413	LCS933420	100.0	99.0		99.5	0.7	1.01
cis-1,2-Dichloroethene	LCS934242	LCS934250	106.0	93.0	(X)	99.5	9.2	13.07
cis-1,2-Dichloroethene	LCS934895	LCS934905	93.0	93.0		93.0	0.0	0.00
cis-1,3-Dichloropropene	LCSCAL931094	LCS931163	102.0	96.0		99.0	4.2	6.06
cis-1,3-Dichloropropene	LCSCAL931294	LCS931309	84.0	83.0		83.5	0.7	1.20
cis-1,3-Dichloropropene	LCSCAL931330	LCS931336	107.0	102.0		104.5	3.5	4.78
cis-1,3-Dichloropropene	LCSCAL931359	LCS931368	98.0	92.0		95.0	4.2	6.32
cis-1,3-Dichloropropene	LCSCAL931419	LCS931501	90.0	86.0		88.0	2.8	4.55
cis-1,3-Dichloropropene	LCS931554	LCS931556	77.0	83.0		80.0	4.2	7.50
cis-1,3-Dichloropropene	LCS933131	LCS933141	90.0	91.0		90.5	0.7	1.10
cis-1,3-Dichloropropene	LCS933131	LCS933146	90.0	92.0		91.0	1.4	2.20
cis-1,3-Dichloropropene	LCS933413	LCS933420	87.0	85.0		86.0	1.4	2.33
cis-1,3-Dichloropropene	LCS933634	LCS933640	89.0	83.0		86.0	4.2	6.98
cis-1,3-Dichloropropene	LCS934242	LCS934250	89.0	77.0	(X)	83.0	8.5	14.46
cis-1,3-Dichloropropene	LCS934491	LCS934506	88.0	82.0		85.0	4.2	7.06
cis-1,3-Dichloropropene	LCS934519	LCS934532	98.0	95.0		96.5	2.1	3.11

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
cis-1,3-Dichloropropene	LCS934526	LCS934660	83.0	83.0		83.0	0.0	0.00
cis-1,3-Dichloropropene	LCS934663	LCS934672	92.0	97.0		94.5	3.5	5.29
cis-1,3-Dichloropropene	LCS934882	LCS934887	89.0	90.0		89.5	0.7	1.12
cis-1,3-Dichloropropene	LCS934882	LCS934889	89.0	90.0		89.5	0.7	1.12
cis-1,3-Dichloropropene	LCS934895	LCS934905	94.0	91.0		92.5	2.1	3.24
cis-1,3-Dichloropropene	LCS93-850	LCS93934	73.0	86.0		79.5	9.2	16.35
trans-1,2-Dichloroethene	LCSCAL931094	LCS931163	113.0	107.0		110.0	4.2	5.45
trans-1,2-Dichloroethene	LCSCAL931294	LCS931309	91.0	88.0		89.5	2.1	3.35
trans-1,2-Dichloroethene	LCSCAL931330	LCS931336	116.0	117.0		116.5	0.7	0.86
trans-1,2-Dichloroethene	LCSCAL931359	LCS931368	110.0	101.0		105.5	6.4	8.53
trans-1,2-Dichloroethene	LCSCAL931419	LCS931501	95.0	90.0		92.5	3.5	5.41
trans-1,2-Dichloroethene	LCS931554	LCS931556	83.0	81.0		82.0	1.4	2.44
trans-1,2-Dichloroethene	LCS933131	LCS933141	112.0	109.0		110.5	2.1	2.71
trans-1,2-Dichloroethene	LCS933131	LCS933146	112.0	107.0		109.5	3.5	4.57
trans-1,2-Dichloroethene	LCS933413	LCS933420	106.0	104.0		105.0	1.4	1.90
trans-1,2-Dichloroethene	LCS933634	LCS933640	101.0	90.0		95.5	7.8	11.52
trans-1,2-Dichloroethene	LCS934242	LCS934250	105.0	92.0	(X)	98.5	9.2	13.20
trans-1,2-Dichloroethene	LCS934491	LCS934506	104.0	102.0		103.0	1.4	1.94
trans-1,2-Dichloroethene	LCS934519	LCS934532	106.0	102.0		104.0	2.8	3.85
trans-1,2-Dichloroethene	LCS934526	LCS934660	93.0	91.0		92.0	1.4	2.17
trans-1,2-Dichloroethene	LCS934663	LCS934672	104.0	107.0		105.5	2.1	2.84
trans-1,2-Dichloroethene	LCS934882	LCS934887	116.0	120.0		118.0	2.8	3.39
trans-1,2-Dichloroethene	LCS934882	LCS934889	116.0	114.0		115.0	1.4	1.74
trans-1,2-Dichloroethene	LCS934895	LCS934905	105.0	102.0		103.5	2.1	2.90
trans-1,2-Dichloroethene	LCS93-850	LCS93934	77.0	86.0		81.5	6.4	11.04
trans-1,3-Dichloropropene	LCSCAL931094	LCS931163	110.0	106.0		108.0	2.8	3.70
trans-1,3-Dichloropropene	LCSCAL931294	LCS931309	82.0	81.0		81.5	0.7	1.23
trans-1,3-Dichloropropene	LCSCAL931330	LCS931336	117.0	110.0		113.5	4.9	6.17
trans-1,3-Dichloropropene	LCSCAL931359	LCS931368	106.0	100.0		103.0	4.2	5.83
trans-1,3-Dichloropropene	LCSCAL931419	LCS931501	100.0	93.0		96.5	4.9	7.25
trans-1,3-Dichloropropene	LCS931554	LCS931556	82.0	88.0		85.0	4.2	7.06
trans-1,3-Dichloropropene	LCS933131	LCS933141	87.0	85.0		86.0	1.4	2.33
trans-1,3-Dichloropropene	LCS933131	LCS933146	87.0	88.0		87.5	0.7	1.14
trans-1,3-Dichloropropene	LCS933413	LCS933420	85.0	80.0		82.5	3.5	6.06
trans-1,3-Dichloropropene	LCS933634	LCS933640	93.0	85.0		89.0	5.7	8.99

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
trans-1,3-Dichloropropene	LCS934242	LCS934250	87.0	77.0 (X)	82.0	7.1	12.20
trans-1,3-Dichloropropene	LCS934491	LCS934506	85.0	83.0	84.0	1.4	2.38
trans-1,3-Dichloropropene	LCS934519	LCS934532	103.0	102.0	102.5	0.7	0.98
trans-1,3-Dichloropropene	LCS934526	LCS934660	83.0	79.0	81.0	2.8	4.94
trans-1,3-Dichloropropene	LCS934663	LCS934672	98.0	100.0	99.0	1.4	2.02
trans-1,3-Dichloropropene	LCS934882	LCS934887	90.0	89.0	89.5	0.7	1.12
trans-1,3-Dichloropropene	LCS934882	LCS934889	90.0	87.0	88.5	2.1	3.39
trans-1,3-Dichloropropene	LCS934895	LCS934905	95.0	93.0	94.0	1.4	2.13
trans-1,3-Dichloropropene	LCS93-850	LCS93934	77.0	89.0	83.0	8.5	14.46
Type = Matrix Spike Duplicate (ug/L)							
1,1,2,2-Tetrachloroethane	05-MW-01-03 MS	05-MW-01-03 MSD	94.0	104.0	99.0	7.1	10.10
1,1,2,2-Tetrachloroethane	05-MW-14-01	05-MW-14-01	95.0	101.0	98.0	4.2	6.12
1,1,2,2-Tetrachloroethane	06-MW-07-01 MS	06-MW-07-01 MSD	85.0	89.0	87.0	2.8	4.60
1,1,2,2-Tetrachloroethane	07-MW-02-DS-03 M	07-MW-02-DS-03 M	96.0	104.0	100.0	5.7	8.00
1,1,2,2-Tetrachloroethane	07-SW-03-01 MS	07-SW-03-01 MSD	87.0	84.0	85.5	2.1	3.51
1,1,2,2-Tetrachloroethane	08-GP-01-01	08-GP-01-01	92.0	87.0	89.5	3.5	5.59
1,1,2,2-Tetrachloroethane	08-SW-01-DS-01	08-SW-01-DS-01	90.0	92.0	91.0	1.4	2.20
1,1,2,2-Tetrachloroethane	09-MW-06-03 MS	09-MW-06-03 MSD	98.0	79.0	88.5	13.4	21.47
1,1,2,2-Tetrachloroethane	10-MW-01-03	10-MW-01-03	93.0	98.0	95.5	3.5	5.24
1,1,2,2-Tetrachloroethane	10-MW-01-03 MS	10-MW-01-03 MSD	78.0	88.0	83.0	7.1	12.05
1,1,2,2-Tetrachloroethane	12-MW-02-DS-03 M	12-MW-02-DS-03 M	78.0	79.0	78.5	0.7	1.27
1,1-Dichloroethene	05-MW-01-03 MS	05-MW-01-03 MSD	93.0	95.0	94.0	1.4	2.13
1,1-Dichloroethene	05-MW-14-01	05-MW-14-01	89.0	94.0	91.5	3.5	5.46
1,1-Dichloroethene	06-MW-07-01 MS	06-MW-07-01 MSD	111.0	112.0	111.5	0.7	0.90
1,1-Dichloroethene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	96.0	84.0	90.0	8.5	13.33
1,1-Dichloroethene	07-SW-03-01 MS	07-SW-03-01 MSD	95.0	109.0	102.0	9.9	13.73
1,1-Dichloroethene	08-GP-01-01	08-GP-01-01	92.0	90.0	91.0	1.4	2.20
1,1-Dichloroethene	08-SW-01-DS-01	08-SW-01-DS-01	111.0	114.0	112.5	2.1	2.67
1,1-Dichloroethene	09-MW-06-03 MS	09-MW-06-03 MSD	85.0	74.0	79.5	7.8	13.84
1,1-Dichloroethene	10-MW-01-03	10-MW-01-03	85.0	91.0	88.0	4.2	6.82
1,1-Dichloroethene	10-MW-01-03 MS	10-MW-01-03 MSD	89.0	92.0	90.5	2.1	3.31
1,1-Dichloroethene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	70.0	78.0	74.0	5.7	10.81
1,2-Dichloroethane	05-MW-01-03 MS	05-MW-01-03 MSD	105.0	110.0	107.5	3.5	4.65

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
1,2-Dichloroethane	05-MW-14-01	05-MW-14-01	94.0	98.0	96.0	2.8	4.17
1,2-Dichloroethane	06-MW-07-01 MS	06-MW-07-01 MSD	97.0	96.0	96.5	0.7	1.04
1,2-Dichloroethane	07-MW-02-DS-03 M	07-MW-02-DS-03 M	101.0	106.0	103.5	3.5	4.83
1,2-Dichloroethane	07-SW-03-01 MS	07-SW-03-01 MSD	92.0	96.0	94.0	2.8	4.26
1,2-Dichloroethane	08-GP-01-01	08-GP-01-01	92.0	91.0	91.5	0.7	1.09
1,2-Dichloroethane	08-SW-01-DS-01	08-SW-01-DS-01	91.0	92.0	91.5	0.7	1.09
1,2-Dichloroethane	09-MW-06-03 MS	09-MW-06-03 MSD	92.0	77.0	84.5	10.6	17.75
1,2-Dichloroethane	10-MW-01-03	10-MW-01-03	96.0	100.0	98.0	2.8	4.08
1,2-Dichloroethane	10-MW-01-03 MS	10-MW-01-03 MSD	84.0	88.0	86.0	2.8	4.65
1,2-Dichloroethane	12-MW-02-DS-03 M	12-MW-02-DS-03 M	86.0	84.0	85.0	1.4	2.35
1,2-Dichloropropane	05-MW-01-03 MS	05-MW-01-03 MSD	100.0	103.0	101.5	2.1	2.96
1,2-Dichloropropane	05-MW-14-01	05-MW-14-01	86.0	91.0	88.5	3.5	5.65
1,2-Dichloropropane	06-MW-07-01 MS	06-MW-07-01 MSD	97.0	101.0	99.0	2.8	4.04
1,2-Dichloropropane	07-MW-02-DS-03 M	07-MW-02-DS-03 M	97.0	102.0	99.5	3.5	5.03
1,2-Dichloropropane	07-SW-03-01 MS	07-SW-03-01 MSD	87.0	93.0	90.0	4.2	6.67
1,2-Dichloropropane	08-GP-01-01	08-GP-01-01	85.0	84.0	84.5	0.7	1.18
1,2-Dichloropropane	08-SW-01-DS-01	08-SW-01-DS-01	93.0	98.0	95.5	3.5	5.24
1,2-Dichloropropane	09-MW-06-03 MS	09-MW-06-03 MSD	87.0	79.0	83.0	5.7	9.64
1,2-Dichloropropane	10-MW-01-03	10-MW-01-03	93.0	98.0	95.5	3.5	5.24
1,2-Dichloropropane	10-MW-01-03 MS	10-MW-01-03 MSD	85.0	87.0	86.0	1.4	2.33
1,2-Dichloropropane	12-MW-02-DS-03 M	12-MW-02-DS-03 M	86.0	86.0	86.0	0.0	0.00
Carbon tetrachloride	05-MW-01-03 MS	05-MW-01-03 MSD	104.0	105.0	104.5	0.7	0.96
Carbon tetrachloride	05-MW-14-01	05-MW-14-01	92.0	95.0	93.5	2.1	3.21
Carbon tetrachloride	06-MW-07-01 MS	06-MW-07-01 MSD	112.0	113.0	112.5	0.7	0.89
Carbon tetrachloride	07-MW-02-DS-03 M	07-MW-02-DS-03 M	110.0	110.0	110.0	0.0	0.00
Carbon tetrachloride	07-SW-03-01 MS	07-SW-03-01 MSD	92.0	99.0	95.5	4.9	7.33
Carbon tetrachloride	08-GP-01-01	08-GP-01-01	89.0	88.0	88.5	0.7	1.13
Carbon tetrachloride	08-SW-01-DS-01	08-SW-01-DS-01	111.0	106.0	108.5	3.5	4.61
Carbon tetrachloride	09-MW-06-03 MS	09-MW-06-03 MSD	91.0	85.0	88.0	4.2	6.82
Carbon tetrachloride	10-MW-01-03	10-MW-01-03	95.0	101.0	98.0	4.2	6.12
Carbon tetrachloride	10-MW-01-03 MS	10-MW-01-03 MSD	93.0	95.0	94.0	1.4	2.13
Carbon tetrachloride	12-MW-02-DS-03 M	12-MW-02-DS-03 M	103.0	104.0	103.5	0.7	0.97
Chlorobenzene	05-MW-01-03 MS	05-MW-01-03 MSD	90.0	91.0	90.5	0.7	1.10
Chlorobenzene	05-MW-14-01	05-MW-14-01	85.0	88.0	86.5	2.1	3.47
Chlorobenzene	06-MW-07-01 MS	06-MW-07-01 MSD	91.0	97.0	94.0	4.2	6.38

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Chlorobenzene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	89.0	98.0	93.5	6.4	9.63
Chlorobenzene	07-SW-03-01 MS	07-SW-03-01 MSD	71.0	88.0	79.5	12.0	21.38
Chlorobenzene	08-GP-01-01	08-GP-01-01	81.0	79.0	80.0	1.4	2.50
Chlorobenzene	08-SW-01-DS-01	08-SW-01-DS-01	100.0	99.0	99.5	0.7	1.01
Chlorobenzene	09-MW-06-03 MS	09-MW-06-03 MSD	86.0	75.0	80.5	7.8	13.66
Chlorobenzene	10-MW-01-03	10-MW-01-03	82.0	88.0	85.0	4.2	7.06
Chlorobenzene	10-MW-01-03 MS	10-MW-01-03 MSD	82.0	80.0	81.0	1.4	2.47
Chlorobenzene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	90.0	92.0	91.0	1.4	2.20
Dibromochloromethane	05-MW-01-03 MS	05-MW-01-03 MSD	92.0	99.0	95.5	4.9	7.33
Dibromochloromethane	05-MW-14-01	05-MW-14-01	83.0	88.0	85.5	3.5	5.85
Dibromochloromethane	06-MW-07-01 MS	06-MW-07-01 MSD	80.0	81.0	80.5	0.7	1.24
Dibromochloromethane	07-MW-02-DS-03 M	07-MW-02-DS-03 M	92.0	97.0	94.5	3.5	5.29
Dibromochloromethane	07-SW-03-01 MS	07-SW-03-01 MSD	76.0	83.0	79.5	4.9	8.81
Dibromochloromethane	08-GP-01-01	08-GP-01-01	78.0	77.0	77.5	0.7	1.29
Dibromochloromethane	08-SW-01-DS-01	08-SW-01-DS-01	90.0	89.0	89.5	0.7	1.12
Dibromochloromethane	09-MW-06-03 MS	09-MW-06-03 MSD	77.0	66.0	71.5	7.8	15.38
Dibromochloromethane	10-MW-01-03	10-MW-01-03	85.0	92.0	88.5	4.9	7.91
Dibromochloromethane	10-MW-01-03 MS	10-MW-01-03 MSD	55.0	63.0	59.0	5.7	13.56
Dibromochloromethane	12-MW-02-DS-03 M	12-MW-02-DS-03 M	69.0	75.0	72.0	4.2	8.33
Trichloroethene	05-MW-01-03 MS	05-MW-01-03 MSD	108.0	110.0	109.0	1.4	1.83
Trichloroethene	05-MW-14-01	05-MW-14-01	93.0	97.0	95.0	2.8	4.21
Trichloroethene	06-MW-07-01 MS	06-MW-07-01 MSD	94.0	95.0	94.5	0.7	1.06
Trichloroethene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	103.0	105.0	104.0	1.4	1.92
Trichloroethene	07-SW-03-01 MS	07-SW-03-01 MSD	93.0	100.0	96.5	4.9	7.25
Trichloroethene	08-GP-01-01	08-GP-01-01	91.0	91.0	91.0	0.0	0.00
Trichloroethene	08-SW-01-DS-01	08-SW-01-DS-01	100.0	101.0	100.5	0.7	1.00
Trichloroethene	09-MW-06-03 MS	09-MW-06-03 MSD	75.0	70.0	72.5	3.5	6.90
Trichloroethene	10-MW-01-03	10-MW-01-03	99.0	107.0	103.0	5.7	7.77
Trichloroethene	10-MW-01-03 MS	10-MW-01-03 MSD	97.0	98.0	97.5	0.7	1.03
Trichloroethene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	85.0	84.0	84.5	0.7	1.18
trans-1,2-Dichloroethene	05-MW-01-03 MS	05-MW-01-03 MSD	104.0	105.0	104.5	0.7	0.96
trans-1,2-Dichloroethene	05-MW-14-01	05-MW-14-01	87.0	92.0	89.5	3.5	5.59
trans-1,2-Dichloroethene	06-MW-07-01 MS	06-MW-07-01 MSD	105.0	110.0	107.5	3.5	4.65
trans-1,2-Dichloroethene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	107.0	106.0	106.5	0.7	0.94
trans-1,2-Dichloroethene	07-SW-03-01 MS	07-SW-03-01 MSD	90.0	99.0	94.5	6.4	9.52

Compiled: 10 May 1994

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
trans-1,2-Dichloroethene	08-GP-01-01	08-GP-01-01	89.0	87.0	88.0	1.4	2.27
trans-1,2-Dichloroethene	08-SW-01-DS-01	08-SW-01-DS-01	111.0	112.0	111.5	0.7	0.90
trans-1,2-Dichloroethene	09-MW-06-03 MS	09-MW-06-03 MSD	93.0	83.0	88.0	7.1	11.36
trans-1,2-Dichloroethene	10-MW-01-03	10-MW-01-03	95.0	103.0	99.0	5.7	8.08
trans-1,2-Dichloroethene	10-MW-01-03 MS	10-MW-01-03 MSD	92.0	94.0	93.0	1.4	2.15
trans-1,2-Dichloroethene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	76.0	90.0	83.0	9.9	16.87
Method = SW8015 - Nonhalogenated Volatile Organics							
Type = Field Duplicate (mg/L)							
2-Butanone(MEK)	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
2-Butanone(MEK)	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
2-Butanone(MEK)	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
2-Butanone(MEK)	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
2-Butanone(MEK)	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
2-Butanone(MEK)	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
4-Methyl-2-pentanone(MIBK)	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
4-Methyl-2-pentanone(MIBK)	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
4-Methyl-2-pentanone(MIBK)	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
4-Methyl-2-pentanone(MIBK)	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
4-Methyl-2-pentanone(MIBK)	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
4-Methyl-2-pentanone(MIBK)	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Ethanol	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Ethanol	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Ethanol	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Ethanol	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Ethanol	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Ethanol	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Ethyl ether	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Ethyl ether	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Ethyl ether	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Ethyl ether	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Ethyl ether	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Ethyl ether	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Type = Laboratory Control Duplicate (mg/L)							
2-Butanone(MEK)	LCS931071 [10903	LCSD931071 [1090	103.0	103.0	103.0	0.0	0.00
2-Butanone(MEK)	LCS931072 [10903	LCSD931072 [1090	104.0	106.0	105.0	1.4	1.90
2-Butanone(MEK)	LCS931264 [109	LCSD931264 [109	103.0	100.0	101.5	2.1	2.96
2-Butanone(MEK)	LCS931397 [CH1	LCSD931397 [CH1	98.0	100.0	99.0	1.4	2.02
2-Butanone(MEK)	LCS933096 [CH1090393 LCS	LCSD933096 [CH1090393 LCS	97.0	99.0	98.0	1.4	2.04
2-Butanone(MEK)	LCS933560 [CH1690393 LCS]K	LCSD933560 [CH1690393 LCSD	101.0	103.0	102.0	1.4	1.96
2-Butanone(MEK)	LCS934720 [CH1910393 LCS	LCSD934720 [CH1910393 LCS	99.0	100.0	99.5	0.7	1.01
2-Butanone(MEK)	LCS935016 [CH1910393 LCS	LCSD935016 [CH1910393 LCS	106.0	103.0	104.5	2.1	2.87
4-Methyl-2-pentanone(MIBK)	LCS931071 [10903	LCSD931071 [1090	98.0	98.0	98.0	0.0	0.00
4-Methyl-2-pentanone(MIBK)	LCS931072 [10903	LCSD931072 [1090	99.0	99.0	99.0	0.0	0.00
4-Methyl-2-pentanone(MIBK)	LCS931264 [109	LCSD931264 [109	98.0	95.0	96.5	2.1	3.11
4-Methyl-2-pentanone(MIBK)	LCS931397 [CH1	LCSD931397 [CH1	93.0	95.0	94.0	1.4	2.13
4-Methyl-2-pentanone(MIBK)	LCS933096 [CH1090393 LCS	LCSD933096 [CH1090393 LCS	93.0	94.0	93.5	0.7	1.07
4-Methyl-2-pentanone(MIBK)	LCS933560 [CH1690393 LCS]K	LCSD933560 [CH1690393 LCSD	98.0	100.0	99.0	1.4	2.02
4-Methyl-2-pentanone(MIBK)	LCS934720 [CH1910393 LCS	LCSD934720 [CH1910393 LCS	100.0	98.0	99.0	1.4	2.02
4-Methyl-2-pentanone(MIBK)	LCS935016 [CH1910393 LCS	LCSD935016 [CH1910393 LCS	104.0	101.0	102.5	2.1	2.93
Ethanol	LCS931071 [10903	LCSD931071 [1090	103.0	103.0	103.0	0.0	0.00
Ethanol	LCS931072 [10903	LCSD931072 [1090	105.0	106.0	105.5	0.7	0.95
Ethanol	LCS931264 [109	LCSD931264 [109	105.0	101.0	103.0	2.8	3.88
Ethanol	LCS931397 [CH1	LCSD931397 [CH1	99.0	101.0	100.0	1.4	2.00
Ethanol	LCS933096 [CH1090393 LCS	LCSD933096 [CH1090393 LCS	96.0	99.0	97.5	2.1	3.08
Ethanol	LCS933560 [CH1690393 LCS]K	LCSD933560 [CH1690393 LCSD	102.0	104.0	103.0	1.4	1.94
Ethanol	LCS934720 [CH1910393 LCS	LCSD934720 [CH1910393 LCS	101.0	102.0	101.5	0.7	0.99
Ethanol	LCS935016 [CH1910393 LCS	LCSD935016 [CH1910393 LCS	108.0	105.0	106.5	2.1	2.82
Ethyl ether	LCS931071 [10903	LCSD931071 [1090	105.0	104.0	104.5	0.7	0.96
Ethyl ether	LCS931072 [10903	LCSD931072 [1090	107.0	109.0	108.0	1.4	1.85
Ethyl ether	LCS931264 [109	LCSD931264 [109	104.0	102.0	103.0	1.4	1.94
Ethyl ether	LCS931397 [CH1	LCSD931397 [CH1	99.0	100.0	99.5	0.7	1.01
Ethyl ether	LCS933096 [CH1090393 LCS	LCSD933096 [CH1090393 LCS	97.0	99.0	98.0	1.4	2.04
Ethyl ether	LCS933560 [CH1690393 LCS]K	LCSD933560 [CH1690393 LCSD	106.0	107.0	106.5	0.7	0.94
Ethyl ether	LCS934720 [CH1910393 LCS	LCSD934720 [CH1910393 LCS	93.0	93.0	93.0	0.0	0.00
Ethyl ether	LCS935016 [CH1910393 LCS	LCSD935016 [CH1910393 LCS	102.0	96.0	99.0	4.2	6.06

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Type = Matrix Spike Duplicate (mg/L)							
2-Butanone(MEK)	05-MW-01-03 MS	05-MW-01-03 MSD	97.0	97.0	97.0	0.0	0.00
2-Butanone(MEK)	05-MW-14-01	05-MW-14-01	95.0	93.0	94.0	1.4	2.13
2-Butanone(MEK)	07-MW-01-03 MS	07-MW-01-03 MSD	94.0	98.0	96.0	2.8	4.17
2-Butanone(MEK)	07-MW-02-DS-03 M	07-MW-02-DS-03 M	99.0	100.0	99.5	0.7	1.01
2-Butanone(MEK)	07-MW-04-03 MS	07-MW-04-03 MSD	95.0	93.0	94.0	1.4	2.13
2-Butanone(MEK)	08-SW-01-DS-01	08-SW-01-DS-01	100.0	101.0	100.5	0.7	1.00
2-Butanone(MEK)	09-MW-01-03 MS	09-MW-01-03 MSD	98.0	101.0	99.5	2.1	3.02
2-Butanone(MEK)	12-MW-02-DS-03 M	12-MW-02-DS-03 M	97.0	98.0	97.5	0.7	1.03
4-Methyl-2-pentanone(MIBK)	05-MW-01-03 MS	05-MW-01-03 MSD	97.0	97.0	97.0	0.0	0.00
4-Methyl-2-pentanone(MIBK)	05-MW-14-01	05-MW-14-01	96.0	94.0	95.0	1.4	2.11
4-Methyl-2-pentanone(MIBK)	07-MW-01-03 MS	07-MW-01-03 MSD	97.0	100.0	98.5	2.1	3.05
4-Methyl-2-pentanone(MIBK)	07-MW-02-DS-03 M	07-MW-02-DS-03 M	99.0	100.0	99.5	0.7	1.01
4-Methyl-2-pentanone(MIBK)	07-MW-04-03 MS	07-MW-04-03 MSD	92.0	91.0	91.5	0.7	1.09
4-Methyl-2-pentanone(MIBK)	08-SW-01-DS-01	08-SW-01-DS-01	100.0	101.0	100.5	0.7	1.00
4-Methyl-2-pentanone(MIBK)	09-MW-01-03 MS	09-MW-01-03 MSD	98.0	101.0	99.5	2.1	3.02
4-Methyl-2-pentanone(MIBK)	12-MW-02-DS-03 M	12-MW-02-DS-03 M	96.0	98.0	97.0	1.4	2.06
Ethanol	05-MW-01-03 MS	05-MW-01-03 MSD	98.0	99.0	98.5	0.7	1.02
Ethanol	05-MW-14-01	05-MW-14-01	94.0	94.0	94.0	0.0	0.00
Ethanol	07-MW-01-03 MS	07-MW-01-03 MSD	95.0	98.0	96.5	2.1	3.11
Ethanol	07-MW-02-DS-03 M	07-MW-02-DS-03 M	99.0	100.0	99.5	0.7	1.01
Ethanol	07-MW-04-03 MS	07-MW-04-03 MSD	97.0	95.0	96.0	1.4	2.08
Ethanol	08-SW-01-DS-01	08-SW-01-DS-01	100.0	101.0	100.5	0.7	1.00
Ethanol	09-MW-01-03 MS	09-MW-01-03 MSD	99.0	103.0	101.0	2.8	3.96
Ethanol	12-MW-02-DS-03 M	12-MW-02-DS-03 M	99.0	99.0	99.0	0.0	0.00
Ethyl ether	05-MW-01-03 MS	05-MW-01-03 MSD	97.0	97.0	97.0	0.0	0.00
Ethyl ether	05-MW-14-01	05-MW-14-01	84.0	83.0	83.5	0.7	1.20
Ethyl ether	07-MW-01-03 MS	07-MW-01-03 MSD	104.0	105.0	104.5	0.7	0.96
Ethyl ether	07-MW-02-DS-03 M	07-MW-02-DS-03 M	101.0	102.0	101.5	0.7	0.99
Ethyl ether	07-MW-04-03 MS	07-MW-04-03 MSD	86.0	85.0	85.5	0.7	1.17
Ethyl ether	08-SW-01-DS-01	08-SW-01-DS-01	92.0	93.0	92.5	0.7	1.08
Ethyl ether	09-MW-01-03 MS	09-MW-01-03 MSD	100.0	101.0	100.5	0.7	1.00
Ethyl ether	12-MW-02-DS-03 M	12-MW-02-DS-03 M	99.0	101.0	100.0	1.4	2.00

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8020 - Aromatic Volatile Organics							
Type = Field Duplicate (ug/L)							
1,2-Dichlorobenzene	02-GW-03-03	02-GW-03-DS-03	0.34	ND	NC	NC	NC
1,2-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	07-MW-02-03	07-MW-02-DS-03	0.16 (B)	0.25	0.2	0.1	44.55
1,2-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	02-GW-03-03	02-GW-03-DS-03	0.13	ND	NC	NC	NC
1,3-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	07-MW-02-03	07-MW-02-DS-03	ND (K)	< 0.099 (J)	NC	NC	NC
1,3-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	02-GW-03-03	02-GW-03-DS-03	0.14	ND	NC	NC	NC
1,4-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Benzene	02-GW-03-03	02-GW-03-DS-03	0.10 (B)	< 0.070 (J)	NC	NC	NC
Benzene	05-MW-03-03	05-MW-03-DS-03	2950.0	2270.0	2610.0	480.8	26.05
Benzene	05-MW-14-01	05-MW-14-DS-01	< 0.083 (J)	< 0.083 (J)	NC	NC	NC
Benzene	06-MW-07-01	06-MW-07-DS-01	< 0.052 (J)	< 0.052 (J)	NC	NC	NC
Benzene	07-MW-02-03	07-MW-02-DS-03	0.091 (B)	0.084 (B)	0.1	0.0	8.21
Benzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Benzene	12-MW-02-03	12-MW-02-DS-03	ND	< 0.079 (J)	NC	NC	NC
Chlorobenzene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Chlorobenzene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Chlorobenzene	05-MW-14-01	05-MW-14-DS-01	ND	< 0.080 (J)	NC	NC	NC

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Chlorobenzene	06-MW-07-01	06-MW-07-DS-01	ND	< 0.045 (KJ)	NC	NC	NC
Chlorobenzene	07-MW-02-03	07-MW-02-DS-03	ND	ND (K)	NC	NC	NC
Chlorobenzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Chlorobenzene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Ethylbenzene	02-GW-03-03	02-GW-03-DS-03	< 0.068 (J)	ND	NC	NC	NC
Ethylbenzene	05-MW-03-03	05-MW-03-DS-03	117.0	119.0	118.0	1.4	1.69
Ethylbenzene	05-MW-14-01	05-MW-14-DS-01	ND	< 0.081 (J)	NC	NC	NC
Ethylbenzene	06-MW-07-01	06-MW-07-DS-01	ND	< 0.044 (KJ)	NC	NC	NC
Ethylbenzene	07-MW-02-03	07-MW-02-DS-03	< 0.068 (J)	< 0.068 (J)	NC	NC	NC
Ethylbenzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Ethylbenzene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Toluene	02-GW-03-03	02-GW-03-DS-03	0.12 (B)	0.10 (B)	0.1	0.0	10.91
Toluene	05-MW-03-03	05-MW-03-DS-03	1530.0	1330.0	1430.0	141.4	13.99
Toluene	05-MW-14-01	05-MW-14-DS-01	< 0.081 (J)	0.12 (B)	NC	NC	NC
Toluene	06-MW-07-01	06-MW-07-DS-01	0.11 (B)	0.21 (B)	0.2	0.1	59.19
Toluene	07-MW-02-03	07-MW-02-DS-03	0.098 (B)	0.093 (B)	0.1	0.0	5.05
Toluene	08-SW-01-01	08-SW-01-DS-01	ND	0.046 (B)	NC	NC	NC
Toluene	12-MW-02-03	12-MW-02-DS-03	< 0.11 (J)	< 0.11 (J)	NC	NC	NC
Xylene (total)	02-GW-03-03	02-GW-03-DS-03	0.16 (B)	0.11 (B)	0.1	0.1	35.21
Xylene (total)	05-MW-03-03	05-MW-03-DS-03	368.0	374.0	371.0	4.2	1.62
Xylene (total)	05-MW-14-01	05-MW-14-DS-01	< 0.081 (J)	0.11 (B)	NC	NC	NC
Xylene (total)	07-MW-02-03	07-MW-02-DS-03	0.17 (B)	0.20 (B)	0.2	0.0	16.04
Xylene (total)	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Xylene (total)	12-MW-02-03	12-MW-02-DS-03	< 0.13 (J)	ND	NC	NC	NC
Type = Laboratory Control Duplicate (ug/L)							
1,2-Dichlorobenzene	LCSCAL931078	LCS931080	96.0	102.0	99.0	4.2	6.06
1,2-Dichlorobenzene	LCSCAL931094	LCS931163	86.0	82.0	84.0	2.8	4.76
1,2-Dichlorobenzene	LCSCAL931274	LCS931278	97.0	88.0	92.5	6.4	9.73
1,2-Dichlorobenzene	LCSCAL931274	LCS931279	97.0	95.0	96.0	1.4	2.08
1,2-Dichlorobenzene	LCSCAL931331	LCS931334	97.0	80.0	88.5	12.0	19.21
1,2-Dichlorobenzene	LCSCAL931335	LCS931365	96.0	91.0	93.5	3.5	5.35
1,2-Dichlorobenzene	LCSCAL931416	LCS931498	95.0	95.0	95.0	0.0	0.00
1,2-Dichlorobenzene	LCS933122	LCS933136	94.0	73.0	83.5	14.8	25.15

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
1,2-Dichlorobenzene	LCS933413	LCS933420	100.0	99.0	99.5	0.7	1.01
1,2-Dichlorobenzene	LCS933634	LCS933640	95.0	88.0	91.5	4.9	7.65
1,2-Dichlorobenzene	LCS934242	LCS934250	88.0	83.0	85.5	3.5	5.85
1,2-Dichlorobenzene	LCS934491	LCS934506	95.0	92.0	93.5	2.1	3.21
1,2-Dichlorobenzene	LCS934519	LCS934532	86.0	82.0	84.0	2.8	4.76
1,2-Dichlorobenzene	LCS934526	LCS934660	93.0	95.0	94.0	1.4	2.13
1,2-Dichlorobenzene	LCS934663	LCS934672	91.0	95.0	93.0	2.8	4.30
1,2-Dichlorobenzene	LCS934895	LCS934905	94.0	95.0	94.5	0.7	1.06
1,2-Dichlorobenzene	LCS93-850	LCS93933	108.0	93.0	100.5	10.6	14.93
1,3-Dichlorobenzene	LCSCAL931078	LCS931080	99.0	106.0	102.5	4.9	6.83
1,3-Dichlorobenzene	LCSCAL931094	LCS931163	89.0	86.0	87.5	2.1	3.43
1,3-Dichlorobenzene	LCSCAL931274	LCS931278	102.0	91.0	96.5	7.8	11.40
1,3-Dichlorobenzene	LCSCAL931274	LCS931279	102.0	101.0	101.5	0.7	0.99
1,3-Dichlorobenzene	LCSCAL931331	LCS931334	103.0	90.0	96.5	9.2	13.47
1,3-Dichlorobenzene	LCSCAL931335	LCS931365	102.0	94.0	98.0	5.7	8.16
1,3-Dichlorobenzene	LCSCAL931416	LCS931498	102.0	99.0	100.5	2.1	2.99
1,3-Dichlorobenzene	LCS933122	LCS933136	98.0	84.0	91.0	9.9	15.38
1,3-Dichlorobenzene	LCS933413	LCS933420	106.0	107.0	106.5	0.7	0.94
1,3-Dichlorobenzene	LCS933634	LCS933640	99.0	92.0	95.5	4.9	7.33
1,3-Dichlorobenzene	LCS934242	LCS934250	93.0	88.0	90.5	3.5	5.52
1,3-Dichlorobenzene	LCS934491	LCS934506	101.0	100.0	100.5	0.7	1.00
1,3-Dichlorobenzene	LCS934519	LCS934532	90.0	85.0	87.5	3.5	5.71
1,3-Dichlorobenzene	LCS934526	LCS934660	99.0	101.0	100.0	1.4	2.00
1,3-Dichlorobenzene	LCS934663	LCS934672	95.0	98.0	96.5	2.1	3.11
1,3-Dichlorobenzene	LCS934895	LCS934905	98.0	98.0	98.0	0.0	0.00
1,3-Dichlorobenzene	LCS93-850	LCS93933	112.0	98.0	105.0	9.9	13.33
1,4-Dichlorobenzene	LCSCAL931078	LCS931080	94.0	101.0	97.5	4.9	7.18
1,4-Dichlorobenzene	LCSCAL931094	LCS931163	85.0	82.0	83.5	2.1	3.59
1,4-Dichlorobenzene	LCSCAL931274	LCS931278	99.0	87.0	93.0	8.5	12.90
1,4-Dichlorobenzene	LCSCAL931274	LCS931279	99.0	96.0	97.5	2.1	3.08
1,4-Dichlorobenzene	LCSCAL931331	LCS931334	99.0	85.0	92.0	9.9	15.22
1,4-Dichlorobenzene	LCSCAL931335	LCS931365	96.0	91.0	93.5	3.5	5.35
1,4-Dichlorobenzene	LCSCAL931416	LCS931498	97.0	95.0	96.0	1.4	2.08
1,4-Dichlorobenzene	LCS933122	LCS933136	95.0	79.0	87.0	11.3	18.39
1,4-Dichlorobenzene	LCS933413	LCS933420	101.0	102.0	101.5	0.7	0.99

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
1,4-Dichlorobenzene	LCS933634	LCS933640	94.0	87.0	90.5	4.9	7.73
1,4-Dichlorobenzene	LCS934242	LCS934250	88.0	84.0	86.0	2.8	4.65
1,4-Dichlorobenzene	LCS934491	LCS934506	97.0	95.0	96.0	1.4	2.08
1,4-Dichlorobenzene	LCS934519	LCS934532	85.0	80.0	82.5	3.5	6.06
1,4-Dichlorobenzene	LCS934526	LCS934660	94.0	95.0	94.5	0.7	1.06
1,4-Dichlorobenzene	LCS934663	LCS934672	89.0	93.0	91.0	2.8	4.40
1,4-Dichlorobenzene	LCS934895	LCS934905	93.0	92.0	92.5	0.7	1.08
1,4-Dichlorobenzene	LCS93-850	LCS93933	107.0	93.0	100.0	9.9	14.00
Benzene	LCSCAL931078	LCS931080	89.0	95.0	92.0	4.2	6.52
Benzene	LCSCAL931094	LCS931163	85.0	82.0	83.5	2.1	3.59
Benzene	LCSCAL931274	LCS931278	103.0	86.0	94.5	12.0	17.99
Benzene	LCSCAL931274	LCS931279	103.0	97.0	100.0	4.2	6.00
Benzene	LCSCAL931331	LCS931334	101.0	93.0	97.0	5.7	8.25
Benzene	LCSCAL931335	LCS931365	99.0	89.0	94.0	7.1	10.64
Benzene	LCSCAL931416	LCS931498	108.0	93.0	100.5	10.6	14.93
Benzene	LCS933122	LCS933136	90.0	88.0	89.0	1.4	2.25
Benzene	LCS933413	LCS933420	97.0	96.0	96.5	0.7	1.04
Benzene	LCS933634	LCS933640	96.0	88.0	92.0	5.7	8.70
Benzene	LCS934242	LCS934250	90.0	83.0	86.5	4.9	8.09
Benzene	LCS934491	LCS934506	96.0	94.0	95.0	1.4	2.11
Benzene	LCS934519	LCS934532	89.0	84.0	86.5	3.5	5.78
Benzene	LCS934526	LCS934660	87.0	90.0	88.5	2.1	3.39
Benzene	LCS934663	LCS934672	94.0	98.0	96.0	2.8	4.17
Benzene	LCS934882	LCS934887	105.0	103.0	104.0	1.4	1.92
Benzene	LCS934882	LCS934889	105.0	100.0	102.5	3.5	4.88
Benzene	LCS934895	LCS934905	97.0	95.0	96.0	1.4	2.08
Benzene	LCS93-850	LCS93933	100.0	91.0	95.5	6.4	9.42
Chlorobenzene	LCSCAL931078	LCS931080	98.0	104.0	101.0	4.2	5.94
Chlorobenzene	LCSCAL931094	LCS931163	89.0	85.0	87.0	2.8	4.60
Chlorobenzene	LCSCAL931274	LCS931278	105.0	89.0	97.0	11.3	16.49
Chlorobenzene	LCSCAL931274	LCS931279	105.0	100.0	102.5	3.5	4.88
Chlorobenzene	LCSCAL931331	LCS931334	104.0	96.0	100.0	5.7	8.00
Chlorobenzene	LCSCAL931335	LCS931365	101.0	92.0	96.5	6.4	9.33
Chlorobenzene	LCSCAL931416	LCS931498	103.0	97.0	100.0	4.2	6.00
Chlorobenzene	LCS933122	LCS933136	96.0	93.0	94.5	2.1	3.17

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Chlorobenzene	LCS933413	LCS933420	101.0	101.0	101.0	0.0	0.00
Chlorobenzene	LCS933634	LCS933640	101.0	93.0	97.0	5.7	8.25
Chlorobenzene	LCS934242	LCS934250	93.0	86.0	89.5	4.9	7.82
Chlorobenzene	LCS934491	LCS934506	99.0	97.0	98.0	1.4	2.04
Chlorobenzene	LCS934519	LCS934532	92.0	88.0	90.0	2.8	4.44
Chlorobenzene	LCS934526	LCS934660	94.0	97.0	95.5	2.1	3.14
Chlorobenzene	LCS934663	LCS934672	97.0	101.0	99.0	2.8	4.04
Chlorobenzene	LCS934895	LCS934905	100.0	100.0	100.0	0.0	0.00
Chlorobenzene	LCS93-850	LCS93933	111.0	97.0	104.0	9.9	13.46
Ethylbenzene	LCSCAL931078	LCS931080	101.0	109.0	105.0	5.7	7.62
Ethylbenzene	LCSCAL931094	LCS931163	92.0	88.0	90.0	2.8	4.44
Ethylbenzene	LCSCAL931274	LCS931278	110.0	93.0	101.5	12.0	16.75
Ethylbenzene	LCSCAL931274	LCS931279	110.0	106.0	108.0	2.8	3.70
Ethylbenzene	LCSCAL931331	LCS931334	109.0	100.0	104.5	6.4	8.61
Ethylbenzene	LCSCAL931335	LCS931365	106.0	97.0	101.5	6.4	8.87
Ethylbenzene	LCSCAL931416	LCS931498	108.0	102.0	105.0	4.2	5.71
Ethylbenzene	LCS933122	LCS933136	102.0	99.0	100.5	2.1	2.99
Ethylbenzene	LCS933413	LCS933420	107.0	107.0	107.0	0.0	0.00
Ethylbenzene	LCS933634	LCS933640	104.0	96.0	100.0	5.7	8.00
Ethylbenzene	LCS934242	LCS934250	104.0	97.0	100.5	4.9	6.97
Ethylbenzene	LCS934491	LCS934506	110.0	109.0	109.5	0.7	0.91
Ethylbenzene	LCS934519	LCS934532	96.0	91.0	93.5	3.5	5.35
Ethylbenzene	LCS934526	LCS934660	100.0	103.0	101.5	2.1	2.96
Ethylbenzene	LCS934663	LCS934672	101.0	104.0	102.5	2.1	2.93
Ethylbenzene	LCS934882	LCS934887	115.0	114.0	114.5	0.7	0.87
Ethylbenzene	LCS934882	LCS934889	115.0	111.0	113.0	2.8	3.54
Ethylbenzene	LCS934895	LCS934905	104.0	103.0	103.5	0.7	0.97
Ethylbenzene	LCS93-850	LCS93933	114.0	103.0	108.5	7.8	10.14
Toluene	LCSCAL931078	LCS931080	96.0	104.0	100.0	5.7	8.00
Toluene	LCSCAL931094	LCS931163	89.0	86.0	87.5	2.1	3.43
Toluene	LCSCAL931274	LCS931278	107.0	89.0	98.0	12.7	18.37
Toluene	LCSCAL931274	LCS931279	107.0	102.0	104.5	3.5	4.78
Toluene	LCSCAL931331	LCS931334	106.0	97.0	101.5	6.4	8.87
Toluene	LCSCAL931335	LCS931365	103.0	94.0	98.5	6.4	9.14
Toluene	LCSCAL931416	LCS931498	107.0	98.0	102.5	6.4	8.78

Compiled: 10 May 1994

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Toluene	LCS933122	LCS933136	97.0	95.0	96.0	1.4	2.08
Toluene	LCS933413	LCS933420	104.0	103.0	103.5	0.7	0.97
Toluene	LCS933634	LCS933640	100.0	93.0	96.5	4.9	7.25
Toluene	LCS934242	LCS934250	94.0	86.0	90.0	5.7	8.89
Toluene	LCS934491	LCS934506	100.0	98.0	99.0	1.4	2.02
Toluene	LCS934519	LCS934532	92.0	88.0	90.0	2.8	4.44
Toluene	LCS934526	LCS934660	94.0	97.0	95.5	2.1	3.14
Toluene	LCS934663	LCS934672	98.0	101.0	99.5	2.1	3.02
Toluene	LCS934882	LCS934887	111.0	109.0	110.0	1.4	1.82
Toluene	LCS934882	LCS934889	111.0	107.0	109.0	2.8	3.67
Toluene	LCS934895	LCS934905	101.0	100.0	100.5	0.7	1.00
Toluene	LCS93-850	LCS93933	111.0	98.0	104.5	9.2	12.44
Xylene (total)	LCSCAL931078	LCS931080	98.0	107.0	102.5	6.4	8.78
Xylene (total)	LCSCAL931094	LCS931163	89.0	85.0	87.0	2.8	4.60
Xylene (total)	LCSCAL931274	LCS931278	105.0	89.0	97.0	11.3	16.49
Xylene (total)	LCSCAL931274	LCS931279	105.0	101.0	103.0	2.8	3.88
Xylene (total)	LCSCAL931331	LCS931334	104.0	96.0	100.0	5.7	8.00
Xylene (total)	LCSCAL931335	LCS931365	101.0	93.0	97.0	5.7	8.25
Xylene (total)	LCSCAL931416	LCS931498	104.0	98.0	101.0	4.2	5.94
Xylene (total)	LCS933122	LCS933136	103.0	98.0	100.5	3.5	4.98
Xylene (total)	LCS933413	LCS933420	107.0	107.0	107.0	0.0	0.00
Xylene (total)	LCS933634	LCS933640	100.0	92.0	96.0	5.7	8.33
Xylene (total)	LCS934242	LCS934250	95.0	89.0	92.0	4.2	6.52
Xylene (total)	LCS934491	LCS934506	102.0	101.0	101.5	0.7	0.99
Xylene (total)	LCS934519	LCS934532	92.0	87.0	89.5	3.5	5.59
Xylene (total)	LCS934526	LCS934660	100.0	102.0	101.0	1.4	1.98
Xylene (total)	LCS934663	LCS934672	97.0	101.0	99.0	2.8	4.04
Xylene (total)	LCS934882	LCS934887	114.0	114.0	114.0	0.0	0.00
Xylene (total)	LCS934882	LCS934889	114.0	110.0	112.0	2.8	3.57
Xylene (total)	LCS934895	LCS934905	100.0	99.0	99.5	0.7	1.01
Xylene (total)	LCS93-850	LCS93933	113.0	99.0	106.0	9.9	13.21
Type = Matrix Spike Duplicate (ug/L)							
Benzene	02-GW-03-03 MS	02-GW-03-03 MSD	106.0	98.0	102.0	5.7	7.84

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Benzene	05-MW-06-03 MS	05-MW-06-03 MSD	100.0	100.0	100.0	0.0	0.00
Benzene	05-MW-14-01	05-MW-14-01	93.0	98.0	95.5	3.5	5.24
Benzene	06-MW-01-03 MS	06-MW-01-03 MSD	113.0	111.0	112.0	1.4	1.79
Benzene	06-MW-07-01 MS	06-MW-07-01 MSD	102.0	103.0	102.5	0.7	0.98
Benzene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	100.0	104.0	102.0	2.8	3.92
Benzene	07-SW-03-01 MS	07-SW-03-01 MSD	100.0	103.0	101.5	2.1	2.96
Benzene	08-GP-01-01	08-GP-01-01	100.0	95.0	97.5	3.5	5.13
Benzene	08-SW-01-DS-01	08-SW-01-DS-01	106.0	106.0	106.0	0.0	0.00
Benzene	10-MW-01-03 MS	10-MW-01-03 MSD	82.0	88.0	85.0	4.2	7.06
Benzene	10-MW-03-03 MS	10-MW-03-03 MSD	118.0	111.0	114.5	4.9	6.11
Benzene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	115.0	115.0	115.0	0.0	0.00
Ethylbenzene	02-GW-03-03 MS	02-GW-03-03 MSD	104.0	97.0	100.5	4.9	6.97
Ethylbenzene	05-MW-06-03 MS	05-MW-06-03 MSD	98.0	101.0	99.5	2.1	3.02
Ethylbenzene	05-MW-14-01	05-MW-14-01	96.0	101.0	98.5	3.5	5.08
Ethylbenzene	06-MW-01-03 MS	06-MW-01-03 MSD	107.0	109.0	108.0	1.4	1.85
Ethylbenzene	06-MW-07-01 MS	06-MW-07-01 MSD	109.0	110.0	109.5	0.7	0.91
Ethylbenzene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	99.0	106.0	102.5	4.9	6.83
Ethylbenzene	07-SW-03-01 MS	07-SW-03-01 MSD	101.0	103.0	102.0	1.4	1.96
Ethylbenzene	08-GP-01-01	08-GP-01-01	100.0	96.0	98.0	2.8	4.08
Ethylbenzene	08-SW-01-DS-01	08-SW-01-DS-01	108.0	107.0	107.5	0.7	0.93
Ethylbenzene	10-MW-01-03 MS	10-MW-01-03 MSD	81.0	88.0	84.5	4.9	8.28
Ethylbenzene	10-MW-03-03 MS	10-MW-03-03 MSD	115.0	113.0	114.0	1.4	1.75
Ethylbenzene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	120.0	119.0	119.5	0.7	0.84
Toluene	02-GW-03-03 MS	02-GW-03-03 MSD	104.0	96.0	100.0	5.7	8.00
Toluene	05-MW-06-03 MS	05-MW-06-03 MSD	97.0	99.0	98.0	1.4	2.04
Toluene	05-MW-14-01	05-MW-14-01	94.0	98.0	96.0	2.8	4.17
Toluene	06-MW-01-03 MS	06-MW-01-03 MSD	108.0	109.0	108.5	0.7	0.92
Toluene	06-MW-07-01 MS	06-MW-07-01 MSD	99.0	101.0	100.0	1.4	2.00
Toluene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	95.0	99.0	97.0	2.8	4.12
Toluene	07-SW-03-01 MS	07-SW-03-01 MSD	99.0	102.0	100.5	2.1	2.99
Toluene	08-GP-01-01	08-GP-01-01	98.0	93.0	95.5	3.5	5.24
Toluene	08-SW-01-DS-01	08-SW-01-DS-01	105.0	106.0	105.5	0.7	0.95
Toluene	10-MW-01-03 MS	10-MW-01-03 MSD	85.0	88.0	86.5	2.1	3.47
Toluene	10-MW-03-03 MS	10-MW-03-03 MSD	113.0	112.0	112.5	0.7	0.89
Toluene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	117.0	117.0	117.0	0.0	0.00

Compiled: 10 May 1994

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Xylene (total)	02-GW-03-03 MS	02-GW-03-03 MSD	102.0	96.0	99.0	4.2	6.06
Xylene (total)	05-MW-06-03 MS	05-MW-06-03 MSD	95.0	98.0	96.5	2.1	3.11
Xylene (total)	05-MW-14-01	05-MW-14-01	94.0	99.0	96.5	3.5	5.18
Xylene (total)	06-MW-01-03 MS	06-MW-01-03 MSD	104.0	106.0	105.0	1.4	1.90
Xylene (total)	06-MW-07-01 MS	06-MW-07-01 MSD	101.0	98.0	99.5	2.1	3.02
Xylene (total)	07-MW-02-DS-03 M	07-MW-02-DS-03 M	95.0	102.0	98.5	4.9	7.11
Xylene (total)	07-SW-03-01 MS	07-SW-03-01 MSD	98.0	101.0	99.5	2.1	3.02
Xylene (total)	08-GP-01-01	08-GP-01-01	98.0	93.0	95.5	3.5	5.24
Xylene (total)	08-SW-01-DS-01	08-SW-01-DS-01	110.0	109.0	109.5	0.7	0.91
Xylene (total)	10-MW-01-03 MS	10-MW-01-03 MSD	99.0	87.0	93.0	8.5	12.90
Xylene (total)	10-MW-03-03 MS	10-MW-03-03 MSD	123.0	121.0	122.0	1.4	1.64
Xylene (total)	12-MW-02-DS-03 M	12-MW-02-DS-03 M	120.0	119.0	119.5	0.7	0.84
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type = Field Duplicate (ug/L)							
4,4'-DDD	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
4,4'-DDD	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
4,4'-DDD	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
4,4'-DDD	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
4,4'-DDE	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
4,4'-DDE	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
4,4'-DDE	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
4,4'-DDE	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
4,4'-DDT	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
4,4'-DDT	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
4,4'-DDT	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Aldrin	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
Aldrin	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Aldrin	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Chlordane	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
Chlordane	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Chlordane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Chlordane	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Dieldrin	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
Dieldrin	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Endosulfan I	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
Endosulfan I	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Endosulfan I	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Endosulfan I	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Endosulfan II	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
Endosulfan II	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Endosulfan II	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Endosulfan Sulfate	07-MW-02-03	07-MW-02-DS-03	< 0.014	< 0.014	NC	NC	NC
Endosulfan Sulfate	12-MW-02-03	12-MW-02-DS-03	< 0.014	< 0.015 (P)	NC	NC	NC
Endrin	03-GW-02-03	03-GW-02-DS-03	< 0.017 (J)	ND	NC	NC	NC
Endrin	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Endrin	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Endrin	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Endrin Aldehyde	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Endrin Aldehyde	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Heptachlor	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
Heptachlor	05-MW-03-03	05-MW-03-DS-03	0.0087 (B)	0.0078 (B)	0.0	0.0	10.91
Heptachlor	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Heptachlor epoxide	03-GW-02-03	03-GW-02-DS-03	0.066	ND	NC	NC	NC
Heptachlor epoxide	05-MW-03-03	05-MW-03-DS-03	0.0082 (PB)	0.011 (PB)	0.0	0.0	30.05
Methoxychlor	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
Methoxychlor	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Methoxychlor	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Methoxychlor	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
PCB-1016	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
PCB-1016	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
PCB-1016	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
PCB-1016	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
PCB-1221	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
PCB-1221	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
PCB-1221	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
PCB-1221	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
PCB-1232	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC

Compiled: 10 May 1994

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
PCB-1232	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
PCB-1232	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
PCB-1232	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
PCB-1242	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
PCB-1242	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
PCB-1242	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
PCB-1242	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
PCB-1248	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
PCB-1248	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
PCB-1248	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
PCB-1248	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
PCB-1254	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
PCB-1254	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
PCB-1254	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
PCB-1254	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
PCB-1260	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
PCB-1260	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
PCB-1260	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
PCB-1260	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Toxaphene	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
Toxaphene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Toxaphene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Toxaphene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
alpha-BHC	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
alpha-BHC	07-MW-02-03	07-MW-02-DS-03	ND	0.018	NC	NC	NC
alpha-BHC	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
beta-BHC	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
beta-BHC	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
beta-BHC	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
delta-BHC	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
delta-BHC	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
delta-BHC	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
delta-BHC	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
gamma-BHC(Lindane)	03-GW-02-03	03-GW-02-DS-03	ND	ND	NC	NC	NC
gamma-BHC(Lindane)	05-MW-03-03	05-MW-03-DS-03	0.024	0.024	0.0	0.0	0.84

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
gamma-BHC(Lindane)	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Type = Laboratory Control Duplicate (ug/L)							
4,4'-DDT	LCS93 1127 #LS K	LCSD93 1127 #LS	108.0	107.0	107.5	0.7	0.93
4,4'-DDT	LCS93 1258 #LS K	LCSD93 1258 #LS	95.0	96.0	95.5	0.7	1.05
4,4'-DDT	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	101.0	102.0	101.5	0.7	0.99
4,4'-DDT	LCS93-1035 #LS	LCSD93-1035 #LS	97.0	100.0	98.5	2.1	3.05
4,4'-DDT	LCS93-1035 #LS	LCSD93-1035 #LS	94.0	96.0	95.0	1.4	2.11
4,4'-DDT	LCS93-963 #LS	LCSD93-963 #LS	94.0	47.0	70.5	33.2	66.67
4,4'-DDT	LCS931190 #LS K	LCSD931120 #LS K	100.0	104.0	102.0	2.8	3.92
4,4'-DDT	LCS931312 #LS KE	LCSD931312 #LS K	106.0	106.0	106.0	0.0	0.00
4,4'-DDT	LCS 931352 #LS K	LCSD931352 #LS K	100.0	116.0	108.0	11.3	14.81
4,4'-DDT	LCS933380 #LS KE_	LCSD933380 #LS KED	109.0	109.0	109.0	0.0	0.00
4,4'-DDT	LCS934010 #LS KE_	LCSD934010 #LS KED	96.0	100.0	98.0	2.8	4.08
Aldrin	LCS93 1127 #LS K	LCSD93 1127 #LS	114.0	116.0	115.0	1.4	1.74
Aldrin	LCS93 1258 #LS K	LCSD93 1258 #LS	95.0	97.0	96.0	1.4	2.08
Aldrin	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	96.0	96.0	96.0	0.0	0.00
Aldrin	LCS93-1035 #LS	LCSD93-1035 #LS	93.0	96.0	94.5	2.1	3.17
Aldrin	LCS93-1035 #LS	LCSD93-1035 #LS	96.0	99.0	97.5	2.1	3.08
Aldrin	LCS93-963 #LS	LCSD93-963 #LS	96.0	50.0	73.0	32.5	63.01
Aldrin	LCS931190 #LS K	LCSD931120 #LS K	88.0	91.0	89.5	2.1	3.35
Aldrin	LCS931312 #LS KE	LCSD931312 #LS K	93.0	94.0	93.5	0.7	1.07
Aldrin	LCS 931352 #LS K	LCSD931352 #LS K	82.0	91.0	86.5	6.4	10.40
Aldrin	LCS933380 #LS KE_	LCSD933380 #LS KED	103.0	104.0	103.5	0.7	0.97
Aldrin	LCS934010 #LS KE_	LCSD934010 #LS KED	87.0	91.0	89.0	2.8	4.49
Dieldrin	LCS93 1127 #LS K	LCSD93 1127 #LS	105.0	104.0	104.5	0.7	0.96
Dieldrin	LCS93 1258 #LS K	LCSD93 1258 #LS	94.0	94.0	94.0	0.0	0.00
Dieldrin	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	93.0	94.0	93.5	0.7	1.07
Dieldrin	LCS93-1035 #LS	LCSD93-1035 #LS	98.0	100.0	99.0	1.4	2.02
Dieldrin	LCS93-1035 #LS	LCSD93-1035 #LS	99.0	102.0	100.5	2.1	2.99
Dieldrin	LCS93-963 #LS	LCSD93-963 #LS	94.0	49.0	71.5	31.8	62.94
Dieldrin	LCS931190 #LS K	LCSD931120 #LS K	102.0	105.0	103.5	2.1	2.90
Dieldrin	LCS931312 #LS KE	LCSD931312 #LS K	97.0	98.0	97.5	0.7	1.03
Dieldrin	LCS 931352 #LS K	LCSD931352 #LS K	90.0	105.0	97.5	10.6	15.38

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Dieldrin	LCS933380 #LS KE_	LCSD933380 #LS KED	104.0	106.0	105.0	1.4	1.90
Dieldrin	LCS934010 #LS KE_	LCSD934010 #LS KED	93.0	96.0	94.5	2.1	3.17
Endosulfan II	LCS93 1127 #LS K	LCSD93 1127 #LS	110.0	110.0	110.0	0.0	0.00
Endosulfan II	LCS93 1258 #LS K	LCSD93 1258 #LS	100.0	99.0	99.5	0.7	1.01
Endosulfan II	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	84.0	83.0	83.5	0.7	1.20
Endosulfan II	LCS93-1035 #LS	LCSD93-1035 #LS	94.0	96.0	95.0	1.4	2.11
Endosulfan II	LCS93-1035 #LS	LCSD93-1035 #LS	94.0	97.0	95.5	2.1	3.14
Endosulfan II	LCS93-963 #LS	LCSD93-963 #LS	87.0	45.0	66.0	29.7	63.64
Endosulfan II	LCS931190 #LS K	LCSD931120 #LS K	97.0	100.0	98.5	2.1	3.05
Endosulfan II	LCS931312 #LS KE	LCSD931312 #LS K	98.0	99.0	98.5	0.7	1.02
Endosulfan II	LCS 931352 #LS K	LCSD931352 #LS K	92.0	107.0	99.5	10.6	15.08
Endosulfan II	LCS933380 #LS KE_	LCSD933380 #LS KED	107.0	108.0	107.5	0.7	0.93
Endosulfan II	LCS934010 #LS KE_	LCSD934010 #LS KED	97.0	100.0	98.5	2.1	3.05
Endrin	LCS93 1127 #LS K	LCSD93 1127 #LS	112.0	94.0	103.0	12.7	17.48
Endrin	LCS93 1258 #LS K	LCSD93 1258 #LS	101.0	101.0	101.0	0.0	0.00
Endrin	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	100.0	98.0	99.0	1.4	2.02
Endrin	LCS93-1035 #LS	LCSD93-1035 #LS	98.0	100.0	99.0	1.4	2.02
Endrin	LCS93-1035 #LS	LCSD93-1035 #LS	100.0	102.0	101.0	1.4	1.98
Endrin	LCS93-963 #LS	LCSD93-963 #LS	96.0	49.0	72.5	33.2	64.83
Endrin	LCS931190 #LS K	LCSD931120 #LS K	100.0	107.0	103.5	4.9	6.76
Endrin	LCS931312 #LS KE	LCSD931312 #LS K	99.0	94.0	96.5	3.5	5.18
Endrin	LCS 931352 #LS K	LCSD931352 #LS K	99.0	108.0	103.5	6.4	8.70
Endrin	LCS933380 #LS KE_	LCSD933380 #LS KED	87.0	97.0	92.0	7.1	10.87
Endrin	LCS934010 #LS KE_	LCSD934010 #LS KED	103.0	108.0	105.5	3.5	4.74
Endrin Aldehyde	LCS93 1127 #LS K	LCSD93 1127 #LS	131.0	139.0	135.0	5.7	5.93
Endrin Aldehyde	LCS93 1258 #LS K	LCSD93 1258 #LS	120.0	121.0	120.5	0.7	0.83
Endrin Aldehyde	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	111.0	113.0	112.0	1.4	1.79
Endrin Aldehyde	LCS93-1035 #LS	LCSD93-1035 #LS	112.0	114.0	113.0	1.4	1.77
Endrin Aldehyde	LCS93-1035 #LS	LCSD93-1035 #LS	109.0	112.0	110.5	2.1	2.71
Endrin Aldehyde	LCS93-963 #LS	LCSD93-963 #LS	95.0	51.0	73.0	31.1	60.27
Endrin Aldehyde	LCS931190 #LS K	LCSD931120 #LS K	113.0	113.0	113.0	0.0	0.00
Endrin Aldehyde	LCS931312 #LS KE	LCSD931312 #LS K	114.0	113.0	113.5	0.7	0.88
Endrin Aldehyde	LCS 931352 #LS K	LCSD931352 #LS K	100.0	114.0	107.0	9.9	13.08
Endrin Aldehyde	LCS933380 #LS KE_	LCSD933380 #LS KED	124.0	121.0	122.5	2.1	2.45
Endrin Aldehyde	LCS934010 #LS KE_	LCSD934010 #LS KED	110.0	113.0	111.5	2.1	2.69

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Heptachlor	LCS93 1127 #LS K	LCSD93 1127 #LS	104.0	105.0	104.5	0.7	0.96
Heptachlor	LCS93 1258 #LS K	LCSD93 1258 #LS	88.0	90.0	89.0	1.4	2.25
Heptachlor	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	93.0	93.0	93.0	0.0	0.00
Heptachlor	LCS93-1035 #LS	LCSD93-1035 #LS	87.0	91.0	89.0	2.8	4.49
Heptachlor	LCS93-1035 #LS	LCSD93-1035 #LS	89.0	93.0	91.0	2.8	4.40
Heptachlor	LCS93-963 #LS	LCSD93-963 #LS	93.0	49.0	71.0	31.1	61.97
Heptachlor	LCS931190 #LS K	LCSD931120 #LS K	85.0	87.0	86.0	1.4	2.33
Heptachlor	LCS931312 #LS KE	LCSD931312 #LS K	92.0	93.0	92.5	0.7	1.08
Heptachlor	LCS 931352 #LS K	LCSD931352 #LS K	83.0	93.0	88.0	7.1	11.36
Heptachlor	LCS933380 #LS KE_	LCSD933380 #LS KED	106.0	107.0	106.5	0.7	0.94
Heptachlor	LCS934010 #LS KE_	LCSD934010 #LS KED	87.0	90.0	88.5	2.1	3.39
Heptachlor epoxide	LCS93 1127 #LS K	LCSD93 1127 #LS	114.0	113.0	113.5	0.7	0.88
Heptachlor epoxide	LCS93 1258 #LS K	LCSD93 1258 #LS	102.0	103.0	102.5	0.7	0.98
Heptachlor epoxide	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	98.0	98.0	98.0	0.0	0.00
Heptachlor epoxide	LCS93-1035 #LS	LCSD93-1035 #LS	94.0	96.0	95.0	1.4	2.11
Heptachlor epoxide	LCS93-1035 #LS	LCSD93-1035 #LS	96.0	98.0	97.0	1.4	2.06
Heptachlor epoxide	LCS93-963 #LS	LCSD93-963 #LS	91.0	48.0	69.5	30.4	61.87
Heptachlor epoxide	LCS931190 #LS K	LCSD931120 #LS K	97.0	100.0	98.5	2.1	3.05
Heptachlor epoxide	LCS931312 #LS KE	LCSD931312 #LS K	99.0	100.0	99.5	0.7	1.01
Heptachlor epoxide	LCS 931352 #LS K	LCSD931352 #LS K	92.0	107.0	99.5	10.6	15.08
Heptachlor epoxide	LCS933380 #LS KE_	LCSD933380 #LS KED	107.0	109.0	108.0	1.4	1.85
Heptachlor epoxide	LCS934010 #LS KE_	LCSD934010 #LS KED	98.0	101.0	99.5	2.1	3.02
Mirex	LCS93 1127 #LS K	LCSD93 1127 #LS	115.0	115.0	115.0	0.0	0.00
Mirex	LCS93 1258 #LS K	LCSD93 1258 #LS	97.0	99.0	98.0	1.4	2.04
Mirex	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	106.0	106.0	106.0	0.0	0.00
Mirex	LCS93-1035 #LS	LCSD93-1035 #LS	101.0	103.0	102.0	1.4	1.96
Mirex	LCS93-1035 #LS	LCSD93-1035 #LS	100.0	102.0	101.0	1.4	1.98
Mirex	LCS93-963 #LS	LCSD93-963 #LS	98.0	49.0	73.5	34.6	66.67
Mirex	LCS931190 #LS K	LCSD931120 #LS K	103.0	106.0	104.5	2.1	2.87
Mirex	LCS931312 #LS KE	LCSD931312 #LS K	103.0	102.0	102.5	0.7	0.98
Mirex	LCS 931352 #LS K	LCSD931352 #LS K	95.0	109.0	102.0	9.9	13.73
Mirex	LCS933380 #LS KE_	LCSD933380 #LS KED	121.0	122.0	121.5	0.7	0.82
Mirex	LCS934010 #LS KE_	LCSD934010 #LS KED	132.0	100.0	116.0	22.6	27.59
PCB-1016	LCS93 1128 #MP K	LCSD93 1128 #MP	95.0	96.0	95.5	0.7	1.05
PCB-1016	LCS93 1259 #MP K	LCSD93 1259 #MP	83.0	82.0	82.5	0.7	1.21

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
PCB-1016	LCS93 3027 #MP KE_	LCSD93 3027 #MP KED	90.0	94.0	92.0	2.8	4.35
PCB-1016	LCS93-1036 #MP	LCSD93-1036 #MP	121.0	109.0	115.0	8.5	10.43
PCB-1016	LCS93-1036 #MP	LCSD93-1036 #MP	123.0	111.0	117.0	8.5	10.26
PCB-1016	LCS93-889 #MP K	LCSD93-889 #MP K	115.0	116.0	115.5	0.7	0.87
PCB-1016	LCS931191 #MP K	LCSD931191 #MP K	114.0	115.0	114.5	0.7	0.87
PCB-1016	LCS 931313 #MP K	LCSD931313 #MP K	87.0	86.0	86.5	0.7	1.16
PCB-1016	LCS 931353 #MP K	LCSD931353 #MP K	90.0	93.0	91.5	2.1	3.28
PCB-1016	LCS933381 #MP KE_	LCSD933381 #MP KED	104.0	105.0	104.5	0.7	0.96
PCB-1016	LCS934011 #MP KE_	LCSD934011 #MP KED	90.0	89.0	89.5	0.7	1.12
PCB-1260	LCS93 1128 #MP K	LCSD93 1128 #MP	97.0	96.0	96.5	0.7	1.04
PCB-1260	LCS93 1259 #MP K	LCSD93 1259 #MP	83.0	84.0	83.5	0.7	1.20
PCB-1260	LCS93 3027 #MP KE_	LCSD93 3027 #MP KED	94.0	95.0	94.5	0.7	1.06
PCB-1260	LCS93-1036 #MP	LCSD93-1036 #MP	118.0	121.0	119.5	2.1	2.51
PCB-1260	LCS93-1036 #MP	LCSD93-1036 #MP	118.0	123.0	120.5	3.5	4.15
PCB-1260	LCS93-889 #MP K	LCSD93-889 #MP K	110.0	110.0	110.0	0.0	0.00
PCB-1260	LCS931191 #MP K	LCSD931191 #MP K	126.0	132.0	129.0	4.2	4.65
PCB-1260	LCS 931313 #MP K	LCSD931313 #MP K	89.0	88.0	88.5	0.7	1.13
PCB-1260	LCS 931353 #MP K	LCSD931353 #MP K	92.0	94.0	93.0	1.4	2.15
PCB-1260	LCS933381 #MP KE_	LCSD933381 #MP KED	100.0	102.0	101.0	1.4	1.98
PCB-1260	LCS934011 #MP KE_	LCSD934011 #MP KED	99.0	98.0	98.5	0.7	1.02
alpha-BHC	LCS93 1127 #LS K	LCSD93 1127 #LS	111.0	111.0	111.0	0.0	0.00
alpha-BHC	LCS93 1258 #LS K	LCSD93 1258 #LS	100.0	100.0	100.0	0.0	0.00
alpha-BHC	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	96.0	96.0	96.0	0.0	0.00
alpha-BHC	LCS93-1035 #LS	LCSD93-1035 #LS	104.0	110.0	107.0	4.2	5.61
alpha-BHC	LCS93-1035 #LS	LCSD93-1035 #LS	107.0	113.0	110.0	4.2	5.45
alpha-BHC	LCS93-963 #LS	LCSD93-963 #LS	109.0	56.0	82.5	37.5	64.24
alpha-BHC	LCS931190 #LS K	LCSD931120 #LS K	109.0	113.0	111.0	2.8	3.60
alpha-BHC	LCS931312 #LS KE	LCSD931312 #LS K	91.0	93.0	92.0	1.4	2.17
alpha-BHC	LCS 931352 #LS K	LCSD931352 #LS K	84.0	99.0	91.5	10.6	16.39
alpha-BHC	LCS933380 #LS KE_	LCSD933380 #LS KED	98.0	99.0	98.5	0.7	1.02
alpha-BHC	LCS934010 #LS KE_	LCSD934010 #LS KED	100.0	103.0	101.5	2.1	2.96
alpha-Chlordane	LCS93 1127 #LS K	LCSD93 1127 #LS	121.0	120.0	120.5	0.7	0.83
alpha-Chlordane	LCS93 1258 #LS K	LCSD93 1258 #LS	107.0	109.0	108.0	1.4	1.85
alpha-Chlordane	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	102.0	103.0	102.5	0.7	0.98
alpha-Chlordane	LCS93-1035 #LS	LCSD93-1035 #LS	104.0	107.0	105.5	2.1	2.84

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
alpha-Chlordane	LCS93-1035 #LS	LCSD93-1035 #LS	106.0	109.0	107.5	2.1	2.79
alpha-Chlordane	LCS93-963 #LS	LCSD93-963 #LS	100.0	51.0	75.5	34.6	64.90
alpha-Chlordane	LCS931190 #LS K	LCSD931120 #LS K	108.0	111.0	109.5	2.1	2.74
alpha-Chlordane	LCS931312 #LS KE	LCSD931312 #LS K	102.0	102.0	102.0	0.0	0.00
alpha-Chlordane	LCS 931352 #LS K	LCSD931352 #LS K	94.0	109.0	101.5	10.6	14.78
alpha-Chlordane	LCS933380 #LS KE_	LCSD933380 #LS KED	111.0	113.0	112.0	1.4	1.79
alpha-Chlordane	LCS934010 #LS KE_	LCSD934010 #LS KED	99.0	102.0	100.5	2.1	2.99
delta-BHC	LCS93 1127 #LS K	LCSD93 1127 #LS	113.0	112.0	112.5	0.7	0.89
delta-BHC	LCS93 1258 #LS K	LCSD93 1258 #LS	101.0	102.0	101.5	0.7	0.99
delta-BHC	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	100.0	100.0	100.0	0.0	0.00
delta-BHC	LCS93-1035 #LS	LCSD93-1035 #LS	104.0	107.0	105.5	2.1	2.84
delta-BHC	LCS93-1035 #LS	LCSD93-1035 #LS	108.0	110.0	109.0	1.4	1.83
delta-BHC	LCS93-963 #LS	LCSD93-963 #LS	107.0	53.0	80.0	38.2	67.50
delta-BHC	LCS931190 #LS K	LCSD931120 #LS K	106.0	110.0	108.0	2.8	3.70
delta-BHC	LCS931312 #LS KE	LCSD931312 #LS K	93.0	94.0	93.5	0.7	1.07
delta-BHC	LCS 931352 #LS K	LCSD931352 #LS K	87.0	103.0	95.0	11.3	16.84
delta-BHC	LCS933380 #LS KE_	LCSD933380 #LS KED	99.0	100.0	99.5	0.7	1.01
delta-BHC	LCS934010 #LS KE_	LCSD934010 #LS KED	112.0	116.0	114.0	2.8	3.51
gamma-BHC(Lindane)	LCS93 1127 #LS K	LCSD93 1127 #LS	109.0	108.0	108.5	0.7	0.92
gamma-BHC(Lindane)	LCS93 1258 #LS K	LCSD93 1258 #LS	97.0	97.0	97.0	0.0	0.00
gamma-BHC(Lindane)	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	96.0	97.0	96.5	0.7	1.04
gamma-BHC(Lindane)	LCS93-1035 #LS	LCSD93-1035 #LS	103.0	107.0	105.0	2.8	3.81
gamma-BHC(Lindane)	LCS93-1035 #LS	LCSD93-1035 #LS	105.0	110.0	107.5	3.5	4.65
gamma-BHC(Lindane)	LCS93-963 #LS	LCSD93-963 #LS	107.0	57.0	82.0	35.4	60.98
gamma-BHC(Lindane)	LCS931190 #LS K	LCSD931120 #LS K	107.0	110.0	108.5	2.1	2.76
gamma-BHC(Lindane)	LCS931312 #LS KE	LCSD931312 #LS K	93.0	95.0	94.0	1.4	2.13
gamma-BHC(Lindane)	LCS 931352 #LS K	LCSD931352 #LS K	86.0	101.0	93.5	10.6	16.04
gamma-BHC(Lindane)	LCS933380 #LS KE_	LCSD933380 #LS KED	100.0	101.0	100.5	0.7	1.00
gamma-BHC(Lindane)	LCS934010 #LS KE_	LCSD934010 #LS KED	100.0	103.0	101.5	2.1	2.96
gamma-Chlordane	LCS93 1127 #LS K	LCSD93 1127 #LS	115.0	114.0	114.5	0.7	0.87
gamma-Chlordane	LCS93 1258 #LS K	LCSD93 1258 #LS	102.0	104.0	103.0	1.4	1.94
gamma-Chlordane	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	95.0	95.0	95.0	0.0	0.00
gamma-Chlordane	LCS93-1035 #LS	LCSD93-1035 #LS	96.0	99.0	97.5	2.1	3.08
gamma-Chlordane	LCS93-1035 #LS	LCSD93-1035 #LS	98.0	101.0	99.5	2.1	3.02
gamma-Chlordane	LCS93-963 #LS	LCSD93-963 #LS	93.0	48.0	70.5	31.8	63.83

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
gamma-Chlordane	LCS931190 #LS K	LCSD931120 #LS K	99.0	103.0	101.0	2.8	3.96
gamma-Chlordane	LCS931312 #LS KE	LCSD931312 #LS K	95.0	96.0	95.5	0.7	1.05
gamma-Chlordane	LCS 931352 #LS K	LCSD931352 #LS K	88.0	102.0	95.0	9.9	14.74
gamma-Chlordane	LCS933380 #LS KE_	LCSD933380 #LS KED	104.0	105.0	104.5	0.7	0.96
gamma-Chlordane	LCS934010 #LS KE_	LCSD934010 #LS KED	97.0	100.0	98.5	2.1	3.05
Type = Matrix Spike Duplicate (ug/L)							
4,4'-DDT	07-MW-02-DS-03 M	07-MW-02-DS-03 M	89.0	91.0	90.0	1.4	2.22
4,4'-DDT	07-MW-02-DS-03 M	07-MW-02-DS-03 M	9.0	90.0	49.5	57.3	163.64
4,4'-DDT	12-MW-02-DS-03 M	12-MW-02-DS-03 M	92.0	85.0	88.5	4.9	7.91
Aldrin	07-MW-02-DS-03 M	07-MW-02-DS-03 M	15.0	174.0	94.5	112.4	168.25
Aldrin	07-MW-02-DS-03 M	07-MW-02-DS-03 M	165.0	134.0	149.5	21.9	20.74
Aldrin	12-MW-02-DS-03 M	12-MW-02-DS-03 M	87.0	82.0	84.5	3.5	5.92
Dieldrin	07-MW-02-DS-03 M	07-MW-02-DS-03 M	9.0	93.0	51.0	59.4	164.71
Dieldrin	07-MW-02-DS-03 M	07-MW-02-DS-03 M	86.0	88.0	87.0	1.4	2.30
Dieldrin	12-MW-02-DS-03 M	12-MW-02-DS-03 M	93.0	88.0	90.5	3.5	5.52
Endrin	07-MW-02-DS-03 M	07-MW-02-DS-03 M	101.0	104.0	102.5	2.1	2.93
Endrin	07-MW-02-DS-03 M	07-MW-02-DS-03 M	12.0	125.0	68.5	79.9	164.96
Endrin	12-MW-02-DS-03 M	12-MW-02-DS-03 M	107.0	101.0	104.0	4.2	5.77
Heptachlor	07-MW-02-DS-03 M	07-MW-02-DS-03 M	11.0	115.0	63.0	73.5	165.08
Heptachlor	07-MW-02-DS-03 M	07-MW-02-DS-03 M	73.0	70.0	71.5	2.1	4.20
Heptachlor	12-MW-02-DS-03 M	12-MW-02-DS-03 M	88.0	84.0	86.0	2.8	4.65
gamma-BHC(Lindane)	07-MW-02-DS-03 M	07-MW-02-DS-03 M	10.0	97.0	53.5	61.5	162.62
gamma-BHC(Lindane)	07-MW-02-DS-03 M	07-MW-02-DS-03 M	81.0	80.0	80.5	0.7	1.24
gamma-BHC(Lindane)	12-MW-02-DS-03 M	12-MW-02-DS-03 M	100.0	95.0	97.5	3.5	5.13
Method = SW8240 - Volatile Organics							
Type = Field Duplicate (ug/L)							
1,1,1-Trichloroethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1,1,2,2-Tetrachloroethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1,1,2-Trichloroethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1,1-Dichloroethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
1,1-Dichloroethene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1,2,3-Trichloropropane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1,2-Dichloroethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
1,2-Dichloropropane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
2-Butanone(MEK)	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
2-Chloroethyl vinyl ether	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
2-Hexanone	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
4-Methyl-2-pentanone(MIBK)	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Acetone	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Benzene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Bromodichloromethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Bromomethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Carbon disulfide	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Carbon tetrachloride	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Chlorobenzene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Chloroethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Chloroform	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Dibromochloromethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Dibromomethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Ethyl methacrylate	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Ethylbenzene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Iodomethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Methylene chloride	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Styrene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Tetrachloroethene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Toluene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Tribromomethane(Bromoform)	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Trichloroethene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Trichlorofluoromethane	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Vinyl acetate	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Vinyl chloride	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Xylene (total)	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
cis-1,3-Dichloropropene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
trans-1,2-Dichloroethene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
trans-1,3-Dichloropropene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
trans-1,4-Dichloro-2-butene	02-GW-03-03	02-GW-03-DS-03	ND	ND	NC	NC	NC
Type = Laboratory Control Duplicate (ug/L)							
1,1,1-Trichloroethane	LCS931797	LCS931798	102.0	93.0	97.5	6.4	9.23
1,1,2,2-Tetrachloroethane	LCS931797	LCS931798	97.0	90.0	93.5	4.9	7.49
1,1,2-Trichloroethane	LCS931797	LCS931798	95.0	89.0	92.0	4.2	6.52
1,1-Dichloroethane	LCS931797	LCS931798	107.0	94.0	100.5	9.2	12.94
1,1-Dichloroethene	LCS931797	LCS931798	93.0	85.0	89.0	5.7	8.99
1,2-Dichloroethane	LCS931797	LCS931798	112.0	91.0	101.5	14.8	20.69
1,2-Dichloropropane	LCS931797	LCS931798	111.0	95.0	103.0	11.3	15.53
2-Butanone(MEK)	LCS931797	LCS931798	94.0	93.0	93.5	0.7	1.07
2-Chloroethyl vinyl ether	LCS931797	LCS931798	141.0	117.0	129.0	17.0	18.60
2-Hexanone	LCS931797	LCS931798	84.0	94.0	89.0	7.1	11.24
4-Methyl-2-pentanone(MIBK)	LCS931797	LCS931798	85.0	81.0	83.0	2.8	4.82
Acetone	LCS931797	LCS931798	105.0	86.0	95.5	13.4	19.90
Benzene	LCS931797	LCS931798	103.0	100.0	101.5	2.1	2.96
Bromodichloromethane	LCS931797	LCS931798	108.0	93.0	100.5	10.6	14.93
Bromomethane	LCS931797	LCS931798	78.0	68.0	73.0	7.1	13.70
Carbon disulfide	LCS931797	LCS931798	103.0	81.0	92.0	15.6	23.91
Carbon tetrachloride	LCS931797	LCS931798	107.0	97.0	102.0	7.1	9.80
Chlorobenzene	LCS931797	LCS931798	125.0	118.0	121.5	4.9	5.76
Chloroethane	LCS931797	LCS931798	138.0	72.0	105.0	46.7	62.86
Chloroform	LCS931797	LCS931798	100.0	95.0	97.5	3.5	5.13
Chloromethane	LCS931797	LCS931798	70.0	76.0	73.0	4.2	8.22
Dibromochloromethane	LCS931797	LCS931798	104.0	97.0	100.5	4.9	6.97
Ethylbenzene	LCS931797	LCS931798	95.0	100.0	97.5	3.5	5.13
Styrene	LCS931797	LCS931798	113.0	105.0	109.0	5.7	7.34
Tetrachloroethene	LCS931797	LCS931798	94.0	89.0	91.5	3.5	5.46
Toluene	LCS931797	LCS931798	102.0	99.0	100.5	2.1	2.99
Tribromomethane(Bromoform)	LCS931797	LCS931798	98.0	91.0	94.5	4.9	7.41
Trichloroethene	LCS931797	LCS931798	100.0	93.0	96.5	4.9	7.25
Trichlorofluoromethane	LCS931797	LCS931798	130.0	55.0	92.5	53.0	81.08
Vinyl acetate	LCS931797	LCS931798	633.0	597.0	615.0	25.5	5.85
Xylene (total)	LCS931797	LCS931798	101.0	102.0	101.5	0.7	0.99

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
cis-1,3-Dichloropropene	LCS931797	LCS931798	109.0	99.0	104.0	7.1	9.62
trans-1,2-Dichloroethene	LCS931797	LCS931798	107.0	88.0	97.5	13.4	19.49
trans-1,3-Dichloropropene	LCS931797	LCS931798	100.0	92.0	96.0	5.7	8.33
Method = SW8270 - Semivolatile Organics							
Type = Field Duplicate (ug/L)							
1,2,4-Trichlorobenzene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
1,2,4-Trichlorobenzene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1,2,4-Trichlorobenzene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,2,4-Trichlorobenzene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
1,2,4-Trichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,2,4-Trichlorobenzene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
2,4,5-Trichlorophenol	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
2,4,5-Trichlorophenol	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
2,4,5-Trichlorophenol	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
2,4,5-Trichlorophenol	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
2,4,5-Trichlorophenol	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
2,4,5-Trichlorophenol	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
2,4,6-Trichlorophenol	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
2,4,6-Trichlorophenol	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
2,4,6-Trichlorophenol	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
2,4,6-Trichlorophenol	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
2,4,6-Trichlorophenol	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
2,4,6-Trichlorophenol	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
2,4-Dichlorophenol	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
2,4-Dichlorophenol	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
2,4-Dichlorophenol	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
2,4-Dichlorophenol	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
2,4-Dichlorophenol	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
2,4-Dichlorophenol	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
2,4-Dimethylphenol	05-MW-03-03	05-MW-03-DS-03	4.9	4.0	4.4	0.7	21.17
2,4-Dimethylphenol	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
2,4-Dimethylphenol	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
2,4-Dimethylphenol	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
2,4-Dimethylphenol	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
2,4-Dimethylphenol	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
2,4-Dinitrophenol	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
2,4-Dinitrophenol	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
2,4-Dinitrophenol	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
2,4-Dinitrophenol	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
2,4-Dinitrophenol	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
2,4-Dinitrophenol	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
2,4-Dinitrotoluene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
2,4-Dinitrotoluene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
2,4-Dinitrotoluene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
2,4-Dinitrotoluene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
2,4-Dinitrotoluene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
2,4-Dinitrotoluene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
2,6-Dinitrotoluene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
2,6-Dinitrotoluene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
2,6-Dinitrotoluene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
2,6-Dinitrotoluene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
2,6-Dinitrotoluene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
2,6-Dinitrotoluene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
2-Chloronaphthalene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
2-Chloronaphthalene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
2-Chloronaphthalene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
2-Chloronaphthalene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
2-Chloronaphthalene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
2-Chloronaphthalene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
2-Chlorophenol	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
2-Chlorophenol	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
2-Chlorophenol	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
2-Chlorophenol	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
2-Chlorophenol	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
2-Chlorophenol	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
2-Methylnaphthalene	05-MW-03-03	05-MW-03-DS-03	3.6	3.2	3.4	0.3	11.18
2-Methylnaphthalene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
2-Methylnaphthalene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
2-Methylnaphthalene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
2-Methylnaphthalene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
2-Methylnaphthalene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
2-Methylphenol (o-cresol)	05-MW-03-03	05-MW-03-DS-03	21.4	13.2	17.3	5.8	47.40
2-Methylphenol (o-cresol)	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
2-Methylphenol (o-cresol)	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
2-Methylphenol (o-cresol)	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
2-Methylphenol (o-cresol)	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
2-Methylphenol (o-cresol)	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
2-Nitroaniline	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
2-Nitroaniline	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
2-Nitroaniline	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
2-Nitroaniline	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
2-Nitroaniline	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
2-Nitroaniline	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
2-Nitrophenol	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
2-Nitrophenol	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
2-Nitrophenol	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
2-Nitrophenol	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
2-Nitrophenol	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
2-Nitrophenol	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
3,3'-Dichlorobenzidine	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
3,3'-Dichlorobenzidine	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
3,3'-Dichlorobenzidine	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
3,3'-Dichlorobenzidine	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
3,3'-Dichlorobenzidine	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
3,3'-Dichlorobenzidine	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
3-Nitroaniline	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
3-Nitroaniline	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
3-Nitroaniline	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
3-Nitroaniline	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
3-Nitroaniline	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
3-Nitroaniline	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
4-Bromophenyl phenyl ether	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
4-Bromophenyl phenyl ether	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
4-Bromophenyl phenyl ether	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
4-Bromophenyl phenyl ether	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
4-Bromophenyl phenyl ether	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
4-Bromophenyl phenyl ether	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
4-Chloro-3-methylphenol	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
4-Chloro-3-methylphenol	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
4-Chloro-3-methylphenol	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
4-Chloro-3-methylphenol	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
4-Chloro-3-methylphenol	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
4-Chloro-3-methylphenol	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC

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TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
4-Chloroaniline	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
4-Chloroaniline	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
4-Chloroaniline	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
4-Chloroaniline	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
4-Chloroaniline	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
4-Chloroaniline	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
4-Chlorophenyl phenyl ether	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
4-Chlorophenyl phenyl ether	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
4-Chlorophenyl phenyl ether	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
4-Chlorophenyl phenyl ether	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
4-Chlorophenyl phenyl ether	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
4-Chlorophenyl phenyl ether	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
4-Methylphenol(p-cresol)	05-MW-03-03	05-MW-03-DS-03	24.8 (F)	15.3	20.1	6.7	47.38
4-Methylphenol(p-cresol)	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
4-Methylphenol(p-cresol)	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
4-Methylphenol(p-cresol)	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
4-Methylphenol(p-cresol)	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
4-Methylphenol(p-cresol)	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
4-Nitroaniline	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
4-Nitroaniline	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
4-Nitroaniline	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
4-Nitroaniline	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
4-Nitroaniline	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
4-Nitroaniline	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
4-Nitrophenol	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
4-Nitrophenol	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
4-Nitrophenol	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
4-Nitrophenol	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
4-Nitrophenol	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
4-Nitrophenol	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Acenaphthene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Acenaphthene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Acenaphthene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Acenaphthene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Acenaphthene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Acenaphthene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Acenaphthylene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Acenaphthylene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Acenaphthylene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Acenaphthylene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Acenaphthylene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Acenaphthylene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Anthracene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Anthracene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Anthracene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Anthracene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Anthracene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Anthracene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Benzo(a)anthracene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Benzo(a)anthracene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Benzo(a)anthracene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Benzo(a)anthracene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Benzo(a)anthracene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Benzo(a)anthracene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Benzo(a)pyrene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Benzo(a)pyrene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Benzo(a)pyrene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Benzo(a)pyrene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Benzo(a)pyrene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Benzo(a)pyrene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Benzo(b)fluoranthene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Benzo(b)fluoranthene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Benzo(b)fluoranthene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Benzo(b)fluoranthene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Benzo(b)fluoranthene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Benzo(b)fluoranthene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Benzo(g,h,i)perylene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Benzo(g,h,i)perylene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Benzo(g,h,i)perylene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Benzo(g,h,i)perylene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC

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TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Benzo(g,h,i)perylene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Benzo(g,h,i)perylene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Benzo(k)fluoranthene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Benzo(k)fluoranthene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Benzo(k)fluoranthene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Benzo(k)fluoranthene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Benzo(k)fluoranthene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Benzo(k)fluoranthene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Benzoic acid	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Benzoic acid	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Benzoic acid	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Benzoic acid	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Benzoic acid	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Benzoic acid	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Benzyl alcohol	05-MW-03-03	05-MW-03-DS-03	2.8	2.1	2.5	0.5	31.36
Benzyl alcohol	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Benzyl alcohol	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Benzyl alcohol	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Benzyl alcohol	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Benzyl alcohol	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Butylbenzylphthalate	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Butylbenzylphthalate	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Butylbenzylphthalate	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Butylbenzylphthalate	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Butylbenzylphthalate	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Butylbenzylphthalate	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Chrysene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Chrysene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Chrysene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Chrysene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Chrysene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Chrysene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Di-n-butylphthalate	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Di-n-butylphthalate	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Di-n-butylphthalate	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Di-n-butylphthalate	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Di-n-butylphthalate	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Di-n-butylphthalate	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Di-n-octylphthalate	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Di-n-octylphthalate	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Di-n-octylphthalate	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Di-n-octylphthalate	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Di-n-octylphthalate	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Di-n-octylphthalate	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Dibenz(a,h)anthracene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Dibenz(a,h)anthracene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Dibenz(a,h)anthracene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Dibenz(a,h)anthracene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Dibenz(a,h)anthracene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Dibenz(a,h)anthracene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Dibenzofuran	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Dibenzofuran	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Dibenzofuran	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Dibenzofuran	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Dibenzofuran	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Dibenzofuran	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Diethylphthalate	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Diethylphthalate	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Diethylphthalate	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Diethylphthalate	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Diethylphthalate	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Diethylphthalate	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Dimethylphthalate	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Dimethylphthalate	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Dimethylphthalate	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Dimethylphthalate	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Dimethylphthalate	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Dimethylphthalate	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Diphenylamine/N-NitrosoDPA	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Diphenylamine/N-NitrosoDPA	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Diphenylamine/N-NitrosoDPA	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Diphenylamine/N-NitrosoDPA	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Fluoranthene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Fluoranthene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Fluoranthene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Fluoranthene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Fluoranthene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Fluoranthene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Fluorene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Fluorene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Fluorene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Fluorene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Fluorene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Fluorene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Hexachlorobenzene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Hexachlorobenzene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Hexachlorobenzene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Hexachlorobenzene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Hexachlorobenzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Hexachlorobenzene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Hexachlorobutadiene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Hexachlorobutadiene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Hexachlorobutadiene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Hexachlorobutadiene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Hexachlorobutadiene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Hexachlorobutadiene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Hexachlorocyclopentadiene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Hexachlorocyclopentadiene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Hexachlorocyclopentadiene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Hexachlorocyclopentadiene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Hexachlorocyclopentadiene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Hexachlorocyclopentadiene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Hexachloroethane	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Hexachloroethane	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Hexachloroethane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Hexachloroethane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Hexachloroethane	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Hexachloroethane	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Indeno(1,2,3-cd)pyrene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Indeno(1,2,3-cd)pyrene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Indeno(1,2,3-cd)pyrene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Indeno(1,2,3-cd)pyrene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Indeno(1,2,3-cd)pyrene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Indeno(1,2,3-cd)pyrene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Isophorone	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Isophorone	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Isophorone	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Isophorone	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Isophorone	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Isophorone	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
N-Nitrosodiphenylamine	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Naphthalene	05-MW-03-03	05-MW-03-DS-03	6.3	5.0	5.6	0.9	21.79
Naphthalene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Naphthalene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Naphthalene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Naphthalene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Naphthalene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Nitrobenzene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Nitrobenzene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Nitrobenzene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Nitrobenzene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Nitrobenzene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Nitrobenzene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Pentachlorophenol	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Pentachlorophenol	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Pentachlorophenol	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Pentachlorophenol	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Pentachlorophenol	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Pentachlorophenol	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Phenanthrene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Phenanthrene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Phenanthrene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Phenanthrene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Phenanthrene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Phenanthrene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Phenol	05-MW-03-03	05-MW-03-DS-03	92.5	43.2	67.9	34.9	72.66
Phenol	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Phenol	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Phenol	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Phenol	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Phenol	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Pyrene	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
Pyrene	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
Pyrene	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Pyrene	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Pyrene	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
Pyrene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
bis(2-Chloroethoxy)methane	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
bis(2-Chloroethoxy)methane	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
bis(2-Chloroethoxy)methane	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
bis(2-Chloroethoxy)methane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
bis(2-Chloroethoxy)methane	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
bis(2-Chloroethoxy)methane	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
bis(2-Chloroethyl)ether	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
bis(2-Chloroethyl)ether	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
bis(2-Chloroethyl)ether	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
bis(2-Chloroethyl)ether	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
bis(2-Chloroethyl)ether	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
bis(2-Chloroethyl)ether	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
bis(2-Chloroisopropyl)ether	05-MW-03-03	05-MW-03-DS-03	ND	ND	NC	NC	NC
bis(2-Chloroisopropyl)ether	05-MW-14-01	05-MW-14-DS-01	ND	ND	NC	NC	NC
bis(2-Chloroisopropyl)ether	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
bis(2-Chloroisopropyl)ether	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
bis(2-Chloroisopropyl)ether	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
bis(2-Chloroisopropyl)ether	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
bis(2-Ethylhexyl)phthalate	05-MW-03-03	05-MW-03-DS-03	1.3 (B)	1.3 (B)	1.3	0.0	2.30
bis(2-Ethylhexyl)phthalate	05-MW-14-01	05-MW-14-DS-01	3.2 (B)	1.9 (B)	2.5	1.0	53.54
bis(2-Ethylhexyl)phthalate	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
bis(2-Ethylhexyl)phthalate	07-MW-02-03	07-MW-02-DS-03	ND	1.5 (B)	NC	NC	NC
bis(2-Ethylhexyl)phthalate	08-SW-01-01	08-SW-01-DS-01	ND	ND	NC	NC	NC
bis(2-Ethylhexyl)phthalate	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Type = Laboratory Control Duplicate (ug/L)							
1,2,4-Trichlorobenzene	LCS	LCSD	90.0	96.0	93.0	4.2	6.45
1,2,4-Trichlorobenzene	LCS	LCSD	94.0	102.0	98.0	5.7	8.16
1,2,4-Trichlorobenzene	LCS	LCSD	101.0	95.0	98.0	4.2	6.12
1,2,4-Trichlorobenzene	LCS	LCSD	91.0	97.0	94.0	4.2	6.38
1,2,4-Trichlorobenzene	LCS	LCSD	88.0	89.0	88.5	0.7	1.13
1,2,4-Trichlorobenzene	LCS	LCSD	94.0	94.0	94.0	0.0	0.00
1,2,4-Trichlorobenzene	LCS	LCSD	99.0	95.0	97.0	2.8	4.12
1,2,4-Trichlorobenzene	LCS	LCSD	96.0	92.0	94.0	2.8	4.26
1,2,4-Trichlorobenzene	LCS	LCSD	95.0	95.0	95.0	0.0	0.00
1,2,4-Trichlorobenzene	LCS	LCSD	84.0	85.0	84.5	0.7	1.18
1,2,4-Trichlorobenzene	LCS	LCSD	90.0	96.0	93.0	4.2	6.45
1,2,4-Trichlorobenzene	LCS	LCSD	103.0	105.0	104.0	1.4	1.92
1,2,4-Trichlorobenzene	LCS	LCSD	90.0	95.0	92.5	3.5	5.41
1,2,4-Trichlorobenzene	LCS	LCSD	92.0	99.0	95.5	4.9	7.33
1,2,4-Trichlorobenzene	LCS	LCSD	92.0	85.0	88.5	4.9	7.91
1,2,4-Trichlorobenzene	LCS	LCSD	96.0	93.0	94.5	2.1	3.17
1,2,4-Trichlorobenzene	LCS	LCSD	99.0	96.0	97.5	2.1	3.08
1,2-Dichlorobenzene	LCS	LCSD	91.0	97.0	94.0	4.2	6.38
1,2-Dichlorobenzene	LCS	LCSD	100.0	98.0	99.0	1.4	2.02
1,2-Dichlorobenzene	LCS	LCSD	93.0	101.0	97.0	5.7	8.25

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
1,2-Dichlorobenzene	LCS	LCSD	82.0	91.0	86.5	6.4	10.40
1,2-Dichlorobenzene	LCS	LCSD	91.0	96.0	93.5	3.5	5.35
1,2-Dichlorobenzene	LCS	LCSD	90.0	87.0	88.5	2.1	3.39
1,2-Dichlorobenzene	LCS	LCSD	93.0	86.0	89.5	4.9	7.82
1,2-Dichlorobenzene	LCS	LCSD	89.0	87.0	88.0	1.4	2.27
1,2-Dichlorobenzene	LCS	LCSD	93.0	95.0	94.0	1.4	2.13
1,2-Dichlorobenzene	LCS	LCSD	96.0	99.0	97.5	2.1	3.08
1,2-Dichlorobenzene	LCS	LCSD	85.0	89.0	87.0	2.8	4.60
1,2-Dichlorobenzene	LCS	LCSD	92.0	99.0	95.5	4.9	7.33
1,2-Dichlorobenzene	LCS	LCSD	100.0	97.0	98.5	2.1	3.05
1,2-Dichlorobenzene	LCS	LCSD	102.0	103.0	102.5	0.7	0.98
1,2-Dichlorobenzene	LCS	LCSD	99.0	94.0	96.5	3.5	5.18
1,2-Dichlorobenzene	LCS	LCSD	105.0	99.0	102.0	4.2	5.88
1,2-Dichlorobenzene	LCS	LCSD	91.0	96.0	93.5	3.5	5.35
1,3-Dichlorobenzene	LCS	LCSD	92.0	90.0	91.0	1.4	2.20
1,3-Dichlorobenzene	LCS	LCSD	84.0	82.0	83.0	1.4	2.41
1,3-Dichlorobenzene	LCS	LCSD	100.0	94.0	97.0	4.2	6.19
1,3-Dichlorobenzene	LCS	LCSD	87.0	91.0	89.0	2.8	4.49
1,3-Dichlorobenzene	LCS	LCSD	78.0	86.0	82.0	5.7	9.76
1,3-Dichlorobenzene	LCS	LCSD	90.0	94.0	92.0	2.8	4.35
1,3-Dichlorobenzene	LCS	LCSD	92.0	98.0	95.0	4.2	6.32
1,3-Dichlorobenzene	LCS	LCSD	87.0	81.0	84.0	4.2	7.14
1,3-Dichlorobenzene	LCS	LCSD	89.0	83.0	86.0	4.2	6.98
1,3-Dichlorobenzene	LCS	LCSD	96.0	99.0	97.5	2.1	3.08
1,3-Dichlorobenzene	LCS	LCSD	85.0	92.0	88.5	4.9	7.91
1,3-Dichlorobenzene	LCS	LCSD	88.0	91.0	89.5	2.1	3.35
1,3-Dichlorobenzene	LCS	LCSD	91.0	94.0	92.5	2.1	3.24
1,3-Dichlorobenzene	LCS	LCSD	85.0	92.0	88.5	4.9	7.91
1,3-Dichlorobenzene	LCS	LCSD	96.0	91.0	93.5	3.5	5.35
1,3-Dichlorobenzene	LCS	LCSD	87.0	93.0	90.0	4.2	6.67
1,3-Dichlorobenzene	LCS	LCSD	94.0	93.0	93.5	0.7	1.07
1,4-Dichlorobenzene	LCS	LCSD	94.0	89.0	91.5	3.5	5.46
1,4-Dichlorobenzene	LCS	LCSD	86.0	97.0	91.5	7.8	12.02
1,4-Dichlorobenzene	LCS	LCSD	83.0	84.0	83.5	0.7	1.20
1,4-Dichlorobenzene	LCS	LCSD	84.0	81.0	82.5	2.1	3.64

Compiled: 10 May 1994

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TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
1,4-Dichlorobenzene	LCS	LCSD	76.0	83.0	79.5	4.9	8.81
1,4-Dichlorobenzene	LCS	LCSD	85.0	90.0	87.5	3.5	5.71
1,4-Dichlorobenzene	LCS	LCSD	80.0	84.0	82.0	2.8	4.88
1,4-Dichlorobenzene	LCS	LCSD	86.0	91.0	88.5	3.5	5.65
1,4-Dichlorobenzene	LCS	LCSD	81.0	87.0	84.0	4.2	7.14
1,4-Dichlorobenzene	LCS	LCSD	81.0	84.0	82.5	2.1	3.64
1,4-Dichlorobenzene	LCS	LCSD	89.0	87.0	88.0	1.4	2.27
1,4-Dichlorobenzene	LCS	LCSD	86.0	77.0	81.5	6.4	11.04
1,4-Dichlorobenzene	LCS	LCSD	80.0	78.0	79.0	1.4	2.53
1,4-Dichlorobenzene	LCS	LCSD	88.0	86.0	87.0	1.4	2.30
1,4-Dichlorobenzene	LCS	LCSD	90.0	92.0	91.0	1.4	2.20
1,4-Dichlorobenzene	LCS	LCSD	86.0	83.0	84.5	2.1	3.55
1,4-Dichlorobenzene	LCS	LCSD	80.0	84.0	82.0	2.8	4.88
2,4,5-Trichlorophenol	LCS	LCSD	96.0	100.0	98.0	2.8	4.08
2,4,5-Trichlorophenol	LCS	LCSD	99.0	108.0	103.5	6.4	8.70
2,4,5-Trichlorophenol	LCS	LCSD	89.0	80.0	84.5	6.4	10.65
2,4,5-Trichlorophenol	LCS	LCSD	106.0	100.0	103.0	4.2	5.83
2,4,5-Trichlorophenol	LCS	LCSD	98.0	108.0	103.0	7.1	9.71
2,4,5-Trichlorophenol	LCS	LCSD	92.0	94.0	93.0	1.4	2.15
2,4,5-Trichlorophenol	LCS	LCSD	95.0	100.0	97.5	3.5	5.13
2,4,5-Trichlorophenol	LCS	LCSD	89.0	90.0	89.5	0.7	1.12
2,4,5-Trichlorophenol	LCS	LCSD	100.0	94.0	97.0	4.2	6.19
2,4,5-Trichlorophenol	LCS	LCSD	108.0	104.0	106.0	2.8	3.77
2,4,5-Trichlorophenol	LCS	LCSD	94.0	98.0	96.0	2.8	4.17
2,4,5-Trichlorophenol	LCS	LCSD	99.0	103.0	101.0	2.8	3.96
2,4,5-Trichlorophenol	LCS	LCSD	98.0	98.0	98.0	0.0	0.00
2,4,5-Trichlorophenol	LCS	LCSD	89.0	96.0	92.5	4.9	7.57
2,4,5-Trichlorophenol	LCS	LCSD	86.0	84.0	85.0	1.4	2.35
2,4,5-Trichlorophenol	LCS	LCSD	98.0	108.0	103.0	7.1	9.71
2,4,5-Trichlorophenol	LCS	LCSD	94.0	96.0	95.0	1.4	2.11
2,4,6-Trichlorophenol	LCS	LCSD	79.0	81.0	80.0	1.4	2.50
2,4,6-Trichlorophenol	LCS	LCSD	72.0	79.0	75.5	4.9	9.27
2,4,6-Trichlorophenol	LCS	LCSD	78.0	75.0	76.5	2.1	3.92
2,4,6-Trichlorophenol	LCS	LCSD	74.0	70.0	72.0	2.8	5.56
2,4,6-Trichlorophenol	LCS	LCSD	86.0	82.0	84.0	2.8	4.76

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
2,4,6-Trichlorophenol	LCS	LCSD	77.0	80.0	78.5	2.1	3.82
2,4,6-Trichlorophenol	LCS	LCSD	68.0	66.0	67.0	1.4	2.99
2,4,6-Trichlorophenol	LCS	LCSD	75.0	76.0	75.5	0.7	1.32
2,4,6-Trichlorophenol	LCS	LCSD	78.0	86.0	82.0	5.7	9.76
2,4,6-Trichlorophenol	LCS	LCSD	86.0	80.0	83.0	4.2	7.23
2,4,6-Trichlorophenol	LCS	LCSD	78.0	86.0	82.0	5.7	9.76
2,4,6-Trichlorophenol	LCS	LCSD	74.0	75.0	74.5	0.7	1.34
2,4,6-Trichlorophenol	LCS	LCSD	80.0	78.0	79.0	1.4	2.53
2,4,6-Trichlorophenol	LCS	LCSD	77.0	80.0	78.5	2.1	3.82
2,4,6-Trichlorophenol	LCS	LCSD	78.0	86.0	82.0	5.7	9.76
2,4,6-Trichlorophenol	LCS	LCSD	76.0	79.0	77.5	2.1	3.87
2,4,6-Trichlorophenol	LCS	LCSD	72.0	67.0	69.5	3.5	7.19
2,4-Dichlorophenol	LCS	LCSD	93.0	99.0	96.0	4.2	6.25
2,4-Dichlorophenol	LCS	LCSD	95.0	97.0	96.0	1.4	2.08
2,4-Dichlorophenol	LCS	LCSD	94.0	96.0	95.0	1.4	2.11
2,4-Dichlorophenol	LCS	LCSD	102.0	97.0	99.5	3.5	5.03
2,4-Dichlorophenol	LCS	LCSD	96.0	107.0	101.5	7.8	10.84
2,4-Dichlorophenol	LCS	LCSD	106.0	101.0	103.5	3.5	4.83
2,4-Dichlorophenol	LCS	LCSD	105.0	100.0	102.5	3.5	4.88
2,4-Dichlorophenol	LCS	LCSD	94.0	100.0	97.0	4.2	6.19
2,4-Dichlorophenol	LCS	LCSD	84.0	83.0	83.5	0.7	1.20
2,4-Dichlorophenol	LCS	LCSD	88.0	88.0	88.0	0.0	0.00
2,4-Dichlorophenol	LCS	LCSD	98.0	109.0	103.5	7.8	10.63
2,4-Dichlorophenol	LCS	LCSD	98.0	96.0	97.0	1.4	2.06
2,4-Dichlorophenol	LCS	LCSD	96.0	107.0	101.5	7.8	10.84
2,4-Dichlorophenol	LCS	LCSD	94.0	95.0	94.5	0.7	1.06
2,4-Dichlorophenol	LCS	LCSD	100.0	99.0	99.5	0.7	1.01
2,4-Dichlorophenol	LCS	LCSD	96.0	100.0	98.0	2.8	4.08
2,4-Dimethylphenol	LCS	LCSD	93.0	80.0	86.5	9.2	15.03
2,4-Dimethylphenol	LCS	LCSD	92.0	81.0	86.5	7.8	12.72
2,4-Dimethylphenol	LCS	LCSD	89.0	81.0	85.0	5.7	9.41
2,4-Dimethylphenol	LCS	LCSD	96.0	90.0	93.0	4.2	6.45
2,4-Dimethylphenol	LCS	LCSD	98.0	94.0	96.0	2.8	4.17
2,4-Dimethylphenol	LCS	LCSD	95.0	94.0	94.5	0.7	1.06
2,4-Dimethylphenol	LCS	LCSD	87.0	97.0	92.0	7.1	10.87

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
2,4-Dimethylphenol	LCS	LCSD	81.0	80.0	80.5	0.7	1.24
2,4-Dimethylphenol	LCS	LCSD	90.0	96.0	93.0	4.2	6.45
2,4-Dimethylphenol	LCS	LCSD	94.0	89.0	91.5	3.5	5.46
2,4-Dimethylphenol	LCS	LCSD	87.0	97.0	92.0	7.1	10.87
2,4-Dimethylphenol	LCS	LCSD	85.0	90.0	87.5	3.5	5.71
2,4-Dimethylphenol	LCS	LCSD	84.0	89.0	86.5	3.5	5.78
2,4-Dimethylphenol	LCS	LCSD	86.0	97.0	91.5	7.8	12.02
2,4-Dimethylphenol	LCS	LCSD	76.0	79.0	77.5	2.1	3.87
2,4-Dimethylphenol	LCS	LCSD	85.0	97.0	91.0	8.5	13.19
2,4-Dimethylphenol	LCS	LCSD	99.0	96.0	97.5	2.1	3.08
2,4-Dimethylphenol	LCS	LCSD	93.0	91.0	92.0	1.4	2.17
2,4-Dinitrophenol	LCS	LCSD	113.0	132.0	122.5	13.4	15.51
2,4-Dinitrophenol	LCS	LCSD	98.0	101.0	99.5	2.1	3.02
2,4-Dinitrophenol	LCS	LCSD	120.0	130.0	125.0	7.1	8.00
2,4-Dinitrophenol	LCS	LCSD	142.0	135.0	138.5	4.9	5.05
2,4-Dinitrophenol	LCS	LCSD	126.0	140.0	133.0	9.9	10.53
2,4-Dinitrophenol	LCS	LCSD	107.0	108.0	107.5	0.7	0.93
2,4-Dinitrophenol	LCS	LCSD	95.0	90.0	92.5	3.5	5.41
2,4-Dinitrophenol	LCS	LCSD	129.0	134.0	131.5	3.5	3.80
2,4-Dinitrophenol	LCS	LCSD	130.0	117.0	123.5	9.2	10.53
2,4-Dinitrophenol	LCS	LCSD	113.0	132.0	122.5	13.4	15.51
2,4-Dinitrophenol	LCS	LCSD	102.0	103.0	102.5	0.7	0.98
2,4-Dinitrophenol	LCS	LCSD	92.0	90.0	91.0	1.4	2.20
2,4-Dinitrophenol	LCS	LCSD	122.0	121.0	121.5	0.7	0.82
2,4-Dinitrophenol	LCS	LCSD	121.0	144.0	132.5	16.3	17.36
2,4-Dinitrophenol	LCS	LCSD	127.0	131.0	129.0	2.8	3.10
2,4-Dinitrophenol	LCS	LCSD	142.0	134.0	138.0	5.7	5.80
2,4-Dinitrophenol	LCS	LCSD	98.0	104.0	101.0	4.2	5.94
2,4-Dinitrotoluene	LCS	LCSD	94.0	99.0	96.5	3.5	5.18
2,4-Dinitrotoluene	LCS	LCSD	104.0	103.0	103.5	0.7	0.97
2,4-Dinitrotoluene	LCS	LCSD	94.0	99.0	96.5	3.5	5.18
2,4-Dinitrotoluene	LCS	LCSD	101.0	104.0	102.5	2.1	2.93
2,4-Dinitrotoluene	LCS	LCSD	88.0	85.0	86.5	2.1	3.47
2,4-Dinitrotoluene	LCS	LCSD	96.0	88.0	92.0	5.7	8.70
2,4-Dinitrotoluene	LCS	LCSD	101.0	102.0	101.5	0.7	0.99

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
2,4-Dinitrotoluene	LCS	LCSD	104.0	99.0	101.5	3.5	4.93
2,4-Dinitrotoluene	LCS	LCSD	85.0	83.0	84.0	1.4	2.38
2,4-Dinitrotoluene	LCS	LCSD	110.0	109.0	109.5	0.7	0.91
2,4-Dinitrotoluene	LCS	LCSD	92.0	93.0	92.5	0.7	1.08
2,4-Dinitrotoluene	LCS	LCSD	98.0	102.0	100.0	2.8	4.00
2,4-Dinitrotoluene	LCS	LCSD	91.0	91.0	91.0	0.0	0.00
2,4-Dinitrotoluene	LCS	LCSD	97.0	105.0	101.0	5.7	7.92
2,4-Dinitrotoluene	LCS	LCSD	93.0	100.0	96.5	4.9	7.25
2,4-Dinitrotoluene	LCS	LCSD	93.0	96.0	94.5	2.1	3.17
2,4-Dinitrotoluene	LCS	LCSD	98.0	90.0	94.0	5.7	8.51
2,6-Dinitrotoluene	LCS	LCSD	100.0	103.0	101.5	2.1	2.96
2,6-Dinitrotoluene	LCS	LCSD	102.0	95.0	98.5	4.9	7.11
2,6-Dinitrotoluene	LCS	LCSD	100.0	110.0	105.0	7.1	9.52
2,6-Dinitrotoluene	LCS	LCSD	105.0	98.0	101.5	4.9	6.90
2,6-Dinitrotoluene	LCS	LCSD	98.0	106.0	102.0	5.7	7.84
2,6-Dinitrotoluene	LCS	LCSD	92.0	91.0	91.5	0.7	1.09
2,6-Dinitrotoluene	LCS	LCSD	98.0	106.0	102.0	5.7	7.84
2,6-Dinitrotoluene	LCS	LCSD	109.0	112.0	110.5	2.1	2.71
2,6-Dinitrotoluene	LCS	LCSD	99.0	104.0	101.5	3.5	4.93
2,6-Dinitrotoluene	LCS	LCSD	103.0	110.0	106.5	4.9	6.57
2,6-Dinitrotoluene	LCS	LCSD	105.0	108.0	106.5	2.1	2.82
2,6-Dinitrotoluene	LCS	LCSD	92.0	91.0	91.5	0.7	1.09
2,6-Dinitrotoluene	LCS	LCSD	110.0	104.0	107.0	4.2	5.61
2,6-Dinitrotoluene	LCS	LCSD	109.0	109.0	109.0	0.0	0.00
2,6-Dinitrotoluene	LCS	LCSD	119.0	116.0	117.5	2.1	2.55
2,6-Dinitrotoluene	LCS	LCSD	114.0	112.0	113.0	1.4	1.77
2,6-Dinitrotoluene	LCS	LCSD	98.0	106.0	102.0	5.7	7.84
2-Chloronaphthalene	LCS	LCSD	87.0	91.0	89.0	2.8	4.49
2-Chloronaphthalene	LCS	LCSD	88.0	89.0	88.5	0.7	1.13
2-Chloronaphthalene	LCS	LCSD	89.0	98.0	93.5	6.4	9.63
2-Chloronaphthalene	LCS	LCSD	80.0	82.0	81.0	1.4	2.47
2-Chloronaphthalene	LCS	LCSD	77.0	77.0	77.0	0.0	0.00
2-Chloronaphthalene	LCS	LCSD	93.0	89.0	91.0	2.8	4.40
2-Chloronaphthalene	LCS	LCSD	89.0	98.0	93.5	6.4	9.63
2-Chloronaphthalene	LCS	LCSD	99.0	97.0	98.0	1.4	2.04

Compiled: 10 May 1994

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
2-Chloronaphthalene	LCS	LCSD	94.0	92.0	93.0	1.4	2.15
2-Chloronaphthalene	LCS	LCSD	89.0	91.0	90.0	1.4	2.22
2-Chloronaphthalene	LCS	LCSD	88.0	94.0	91.0	4.2	6.59
2-Chloronaphthalene	LCS	LCSD	84.0	89.0	86.5	3.5	5.78
2-Chloronaphthalene	LCS	LCSD	94.0	88.0	91.0	4.2	6.59
2-Chloronaphthalene	LCS	LCSD	80.0	81.0	80.5	0.7	1.24
2-Chloronaphthalene	LCS	LCSD	88.0	89.0	88.5	0.7	1.13
2-Chloronaphthalene	LCS	LCSD	82.0	75.0	78.5	4.9	8.92
2-Chloronaphthalene	LCS	LCSD	89.0	89.0	89.0	0.0	0.00
2-Chlorophenol	LCS	LCSD	87.0	94.0	90.5	4.9	7.73
2-Chlorophenol	LCS	LCSD	94.0	99.0	96.5	3.5	5.18
2-Chlorophenol	LCS	LCSD	90.0	91.0	90.5	0.7	1.10
2-Chlorophenol	LCS	LCSD	85.0	81.0	83.0	2.8	4.82
2-Chlorophenol	LCS	LCSD	87.0	95.0	91.0	5.7	8.79
2-Chlorophenol	LCS	LCSD	77.0	82.0	79.5	3.5	6.29
2-Chlorophenol	LCS	LCSD	95.0	97.0	96.0	1.4	2.08
2-Chlorophenol	LCS	LCSD	89.0	91.0	90.0	1.4	2.22
2-Chlorophenol	LCS	LCSD	86.0	93.0	89.5	4.9	7.82
2-Chlorophenol	LCS	LCSD	88.0	95.0	91.5	4.9	7.65
2-Chlorophenol	LCS	LCSD	82.0	76.0	79.0	4.2	7.59
2-Chlorophenol	LCS	LCSD	90.0	90.0	90.0	0.0	0.00
2-Chlorophenol	LCS	LCSD	97.0	94.0	95.5	2.1	3.14
2-Chlorophenol	LCS	LCSD	100.0	96.0	98.0	2.8	4.08
2-Chlorophenol	LCS	LCSD	93.0	90.0	91.5	2.1	3.28
2-Chlorophenol	LCS	LCSD	86.0	94.0	90.0	5.7	8.89
2-Chlorophenol	LCS	LCSD	87.0	94.0	90.5	4.9	7.73
2-Methylnaphthalene	LCS	LCSD	109.0	105.0	107.0	2.8	3.74
2-Methylnaphthalene	LCS	LCSD	101.0	107.0	104.0	4.2	5.77
2-Methylnaphthalene	LCS	LCSD	140.0	140.0	140.0	0.0	0.00
2-Methylnaphthalene	LCS	LCSD	101.0	108.0	104.5	4.9	6.70
2-Methylnaphthalene	LCS	LCSD	148.0	141.0	144.5	4.9	4.84
2-Methylnaphthalene	LCS	LCSD	110.0	93.0	101.5	12.0	16.75
2-Methylnaphthalene	LCS	LCSD	102.0	105.0	103.5	2.1	2.90
2-Methylnaphthalene	LCS	LCSD	104.0	109.0	106.5	3.5	4.69
2-Methylnaphthalene	LCS	LCSD	100.0	108.0	104.0	5.7	7.69

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
2-Methylnaphthalene	LCS	LCSD	101.0	103.0	102.0	1.4	1.96
2-Methylnaphthalene	LCS	LCSD	100.0	108.0	104.0	5.7	7.69
2-Methylnaphthalene	LCS	LCSD	103.0	111.0	107.0	5.7	7.48
2-Methylnaphthalene	LCS	LCSD	144.0	143.0	143.5	0.7	0.70
2-Methylnaphthalene	LCS	LCSD	106.0	102.0	104.0	2.8	3.85
2-Methylnaphthalene	LCS	LCSD	93.0	98.0	95.5	3.5	5.24
2-Methylnaphthalene	LCS	LCSD	111.0	110.0	110.5	0.7	0.90
2-Methylphenol (o-cresol)	LCS	LCSD	93.0	91.0	92.0	1.4	2.17
2-Methylphenol (o-cresol)	LCS	LCSD	66.0	69.0	67.5	2.1	4.44
2-Methylphenol (o-cresol)	LCS	LCSD	77.0	87.0	82.0	7.1	12.20
2-Methylphenol (o-cresol)	LCS	LCSD	85.0	80.0	82.5	3.5	6.06
2-Methylphenol (o-cresol)	LCS	LCSD	89.0	90.0	89.5	0.7	1.12
2-Methylphenol (o-cresol)	LCS	LCSD	79.0	86.0	82.5	4.9	8.48
2-Methylphenol (o-cresol)	LCS	LCSD	79.0	86.0	82.5	4.9	8.48
2-Methylphenol (o-cresol)	LCS	LCSD	81.0	88.0	84.5	4.9	8.28
2-Methylphenol (o-cresol)	LCS	LCSD	81.0	91.0	86.0	7.1	11.63
2-Methylphenol (o-cresol)	LCS	LCSD	82.0	79.0	80.5	2.1	3.73
2-Methylphenol (o-cresol)	LCS	LCSD	78.0	84.0	81.0	4.2	7.41
2-Methylphenol (o-cresol)	LCS	LCSD	91.0	93.0	92.0	1.4	2.17
2-Methylphenol (o-cresol)	LCS	LCSD	80.0	82.0	81.0	1.4	2.47
2-Methylphenol (o-cresol)	LCS	LCSD	82.0	88.0	85.0	4.2	7.06
2-Methylphenol (o-cresol)	LCS	LCSD	78.0	74.0	76.0	2.8	5.26
2-Methylphenol (o-cresol)	LCS	LCSD	79.0	69.0	74.0	7.1	13.51
2-Nitroaniline	LCS	LCSD	86.0	85.0	85.5	0.7	1.17
2-Nitroaniline	LCS	LCSD	118.0	115.0	116.5	2.1	2.58
2-Nitroaniline	LCS	LCSD	93.0	94.0	93.5	0.7	1.07
2-Nitroaniline	LCS	LCSD	103.0	110.0	106.5	4.9	6.57
2-Nitroaniline	LCS	LCSD	103.0	110.0	106.5	4.9	6.57
2-Nitroaniline	LCS	LCSD	94.0	98.0	96.0	2.8	4.17
2-Nitroaniline	LCS	LCSD	102.0	105.0	103.5	2.1	2.90
2-Nitroaniline	LCS	LCSD	90.0	81.0	85.5	6.4	10.53
2-Nitroaniline	LCS	LCSD	106.0	106.0	106.0	0.0	0.00
2-Nitroaniline	LCS	LCSD	110.0	111.0	110.5	0.7	0.90
2-Nitroaniline	LCS	LCSD	78.0	77.0	77.5	0.7	1.29
2-Nitroaniline	LCS	LCSD	99.0	93.0	96.0	4.2	6.25

Compiled: 10 May 1994

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
2-Nitroaniline	LCS	LCSD	96.0	100.0	98.0	2.8	4.08
2-Nitroaniline	LCS	LCSD	109.0	102.0	105.5	4.9	6.64
2-Nitroaniline	LCS	LCSD	97.0	105.0	101.0	5.7	7.92
2-Nitroaniline	LCS	LCSD	104.0	105.0	104.5	0.7	0.96
2-Nitrophenol	LCS	LCSD	97.0	103.0	100.0	4.2	6.00
2-Nitrophenol	LCS	LCSD	109.0	103.0	106.0	4.2	5.66
2-Nitrophenol	LCS	LCSD	104.0	101.0	102.5	2.1	2.93
2-Nitrophenol	LCS	LCSD	98.0	108.0	103.0	7.1	9.71
2-Nitrophenol	LCS	LCSD	98.0	104.0	101.0	4.2	5.94
2-Nitrophenol	LCS	LCSD	98.0	108.0	103.0	7.1	9.71
2-Nitrophenol	LCS	LCSD	85.0	88.0	86.5	2.1	3.47
2-Nitrophenol	LCS	LCSD	99.0	103.0	101.0	2.8	3.96
2-Nitrophenol	LCS	LCSD	100.0	101.0	100.5	0.7	1.00
2-Nitrophenol	LCS	LCSD	97.0	85.0	91.0	8.5	13.19
2-Nitrophenol	LCS	LCSD	88.0	86.0	87.0	1.4	2.30
2-Nitrophenol	LCS	LCSD	97.0	102.0	99.5	3.5	5.03
2-Nitrophenol	LCS	LCSD	110.0	104.0	107.0	4.2	5.61
2-Nitrophenol	LCS	LCSD	103.0	103.0	103.0	0.0	0.00
2-Nitrophenol	LCS	LCSD	107.0	102.0	104.5	3.5	4.78
2-Nitrophenol	LCS	LCSD	100.0	111.0	105.5	7.8	10.43
2-Nitrophenol	LCS	LCSD	97.0	99.0	98.0	1.4	2.04
3,3'-Dichlorobenzidine	LCS	LCSD	128.0	139.0	133.5	7.8	8.24
3,3'-Dichlorobenzidine	LCS	LCSD	136.0	140.0	138.0	2.8	2.90
3,3'-Dichlorobenzidine	LCS	LCSD	143.0	136.0	139.5	4.9	5.02
3,3'-Dichlorobenzidine	LCS	LCSD	134.0	136.0	135.0	1.4	1.48
3,3'-Dichlorobenzidine	LCS	LCSD	146.0	148.0	147.0	1.4	1.36
3,3'-Dichlorobenzidine	LCS	LCSD	133.0	140.0	136.5	4.9	5.13
3,3'-Dichlorobenzidine	LCS	LCSD	128.0	139.0	133.5	7.8	8.24
3,3'-Dichlorobenzidine	LCS	LCSD	138.0	146.0	142.0	5.7	5.63
3,3'-Dichlorobenzidine	LCS	LCSD	127.0	121.0	124.0	4.2	4.84
3,3'-Dichlorobenzidine	LCS	LCSD	123.0	136.0	129.5	9.2	10.04
3,3'-Dichlorobenzidine	LCS	LCSD	129.0	134.0	131.5	3.5	3.80
3,3'-Dichlorobenzidine	LCS	LCSD	122.0	126.0	124.0	2.8	3.23
3,3'-Dichlorobenzidine	LCS	LCSD	134.0	149.0	141.5	10.6	10.60
3,3'-Dichlorobenzidine	LCS	LCSD	138.0	139.0	138.5	0.7	0.72

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
3,3'-Dichlorobenzidine	LCS	LCSD	133.0	137.0	135.0	2.8	2.96
3,3'-Dichlorobenzidine	LCS	LCSD	117.0	118.0	117.5	0.7	0.85
3,3'-Dichlorobenzidine	LCS	LCSD	120.0	138.0	129.0	12.7	13.95
3-Nitroaniline	LCS	LCSD	94.0	100.0	97.0	4.2	6.19
3-Nitroaniline	LCS	LCSD	103.0	96.0	99.5	4.9	7.04
3-Nitroaniline	LCS	LCSD	94.0	100.0	97.0	4.2	6.19
3-Nitroaniline	LCS	LCSD	102.0	104.0	103.0	1.4	1.94
3-Nitroaniline	LCS	LCSD	100.0	99.0	99.5	0.7	1.01
3-Nitroaniline	LCS	LCSD	95.0	105.0	100.0	7.1	10.00
3-Nitroaniline	LCS	LCSD	83.0	116.0	99.5	23.3	33.17
3-Nitroaniline	LCS	LCSD	101.0	104.0	102.5	2.1	2.93
3-Nitroaniline	LCS	LCSD	102.0	102.0	102.0	0.0	0.00
3-Nitroaniline	LCS	LCSD	104.0	105.0	104.5	0.7	0.96
3-Nitroaniline	LCS	LCSD	98.0	104.0	101.0	4.2	5.94
3-Nitroaniline	LCS	LCSD	83.0	85.0	84.0	1.4	2.38
3-Nitroaniline	LCS	LCSD	112.0	110.0	111.0	1.4	1.80
3-Nitroaniline	LCS	LCSD	94.0	97.0	95.5	2.1	3.14
3-Nitroaniline	LCS	LCSD	92.0	90.0	91.0	1.4	2.20
3-Nitroaniline	LCS	LCSD	95.0	86.0	90.5	6.4	9.94
4,6-Dinitro-2-methylphenol	LCS	LCSD	113.0	125.0	119.0	8.5	10.08
4,6-Dinitro-2-methylphenol	LCS	LCSD	105.0	104.0	104.5	0.7	0.96
4,6-Dinitro-2-methylphenol	LCS	LCSD	108.0	116.0	112.0	5.7	7.14
4,6-Dinitro-2-methylphenol	LCS	LCSD	104.0	103.0	103.5	0.7	0.97
4,6-Dinitro-2-methylphenol	LCS	LCSD	129.0	122.0	125.5	4.9	5.58
4,6-Dinitro-2-methylphenol	LCS	LCSD	113.0	125.0	119.0	8.5	10.08
4,6-Dinitro-2-methylphenol	LCS	LCSD	120.0	123.0	121.5	2.1	2.47
4,6-Dinitro-2-methylphenol	LCS	LCSD	91.0	89.0	90.0	1.4	2.22
4,6-Dinitro-2-methylphenol	LCS	LCSD	108.0	113.0	110.5	3.5	4.52
4,6-Dinitro-2-methylphenol	LCS	LCSD	104.0	105.0	104.5	0.7	0.96
4,6-Dinitro-2-methylphenol	LCS	LCSD	116.0	126.0	121.0	7.1	8.26
4,6-Dinitro-2-methylphenol	LCS	LCSD	131.0	128.0	129.5	2.1	2.32
4,6-Dinitro-2-methylphenol	LCS	LCSD	82.0	82.0	82.0	0.0	0.00
4,6-Dinitro-2-methylphenol	LCS	LCSD	102.0	106.0	104.0	2.8	3.85
4,6-Dinitro-2-methylphenol	LCS	LCSD	102.0	97.0	99.5	3.5	5.03
4,6-Dinitro-2-methylphenol	LCS	LCSD	119.0	125.0	122.0	4.2	4.92

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
4,6-Dinitro-2-methylphenol	LCS	LCSD	118.0	124.0	121.0	4.2	4.96
4-Bromophenyl phenyl ether	LCS	LCSD	107.0	116.0	111.5	6.4	8.07
4-Bromophenyl phenyl ether	LCS	LCSD	98.0	98.0	98.0	0.0	0.00
4-Bromophenyl phenyl ether	LCS	LCSD	94.0	100.0	97.0	4.2	6.19
4-Bromophenyl phenyl ether	LCS	LCSD	95.0	90.0	92.5	3.5	5.41
4-Bromophenyl phenyl ether	LCS	LCSD	91.0	97.0	94.0	4.2	6.38
4-Bromophenyl phenyl ether	LCS	LCSD	94.0	94.0	94.0	0.0	0.00
4-Bromophenyl phenyl ether	LCS	LCSD	91.0	87.0	89.0	2.8	4.49
4-Bromophenyl phenyl ether	LCS	LCSD	94.0	95.0	94.5	0.7	1.06
4-Bromophenyl phenyl ether	LCS	LCSD	104.0	100.0	102.0	2.8	3.92
4-Bromophenyl phenyl ether	LCS	LCSD	100.0	95.0	97.5	3.5	5.13
4-Bromophenyl phenyl ether	LCS	LCSD	95.0	99.0	97.0	2.8	4.12
4-Bromophenyl phenyl ether	LCS	LCSD	102.0	98.0	100.0	2.8	4.00
4-Bromophenyl phenyl ether	LCS	LCSD	86.0	87.0	86.5	0.7	1.16
4-Bromophenyl phenyl ether	LCS	LCSD	85.0	83.0	84.0	1.4	2.38
4-Bromophenyl phenyl ether	LCS	LCSD	97.0	93.0	95.0	2.8	4.21
4-Bromophenyl phenyl ether	LCS	LCSD	96.0	98.0	97.0	1.4	2.06
4-Bromophenyl phenyl ether	LCS	LCSD	94.0	100.0	97.0	4.2	6.19
4-Chloro-3-methylphenol	LCS	LCSD	103.0	98.0	100.5	3.5	4.98
4-Chloro-3-methylphenol	LCS	LCSD	91.0	91.0	91.0	0.0	0.00
4-Chloro-3-methylphenol	LCS	LCSD	95.0	106.0	100.5	7.8	10.95
4-Chloro-3-methylphenol	LCS	LCSD	97.0	106.0	101.5	6.4	8.87
4-Chloro-3-methylphenol	LCS	LCSD	102.0	101.0	101.5	0.7	0.99
4-Chloro-3-methylphenol	LCS	LCSD	95.0	95.0	95.0	0.0	0.00
4-Chloro-3-methylphenol	LCS	LCSD	95.0	84.0	89.5	7.8	12.29
4-Chloro-3-methylphenol	LCS	LCSD	93.0	101.0	97.0	5.7	8.25
4-Chloro-3-methylphenol	LCS	LCSD	93.0	103.0	98.0	7.1	10.20
4-Chloro-3-methylphenol	LCS	LCSD	105.0	101.0	103.0	2.8	3.88
4-Chloro-3-methylphenol	LCS	LCSD	97.0	106.0	101.5	6.4	8.87
4-Chloro-3-methylphenol	LCS	LCSD	102.0	104.0	103.0	1.4	1.94
4-Chloro-3-methylphenol	LCS	LCSD	88.0	86.0	87.0	1.4	2.30
4-Chloro-3-methylphenol	LCS	LCSD	102.0	99.0	100.5	2.1	2.99
4-Chloro-3-methylphenol	LCS	LCSD	97.0	98.0	97.5	0.7	1.03
4-Chloro-3-methylphenol	LCS	LCSD	92.0	97.0	94.5	3.5	5.29
4-Chloro-3-methylphenol	LCS	LCSD	98.0	104.0	101.0	4.2	5.94

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
4-Chloroaniline	LCS	LCSD	88.0	94.0	91.0	4.2	6.59
4-Chloroaniline	LCS	LCSD	86.0	95.0	90.5	6.4	9.94
4-Chloroaniline	LCS	LCSD	85.0	93.0	89.0	5.7	8.99
4-Chloroaniline	LCS	LCSD	107.0	104.0	105.5	2.1	2.84
4-Chloroaniline	LCS	LCSD	103.0	100.0	101.5	2.1	2.96
4-Chloroaniline	LCS	LCSD	87.0	93.0	90.0	4.2	6.67
4-Chloroaniline	LCS	LCSD	84.0	84.0	84.0	0.0	0.00
4-Chloroaniline	LCS	LCSD	104.0	104.0	104.0	0.0	0.00
4-Chloroaniline	LCS	LCSD	91.0	92.0	91.5	0.7	1.09
4-Chloroaniline	LCS	LCSD	96.0	98.0	97.0	1.4	2.06
4-Chloroaniline	LCS	LCSD	107.0	108.0	107.5	0.7	0.93
4-Chloroaniline	LCS	LCSD	95.0	99.0	97.0	2.8	4.12
4-Chloroaniline	LCS	LCSD	83.0	73.0	78.0	7.1	12.82
4-Chloroaniline	LCS	LCSD	95.0	99.0	97.0	2.8	4.12
4-Chloroaniline	LCS	LCSD	87.0	93.0	90.0	4.2	6.67
4-Chlorophenyl phenyl ether	LCS	LCSD	104.0	104.0	104.0	0.0	0.00
4-Chlorophenyl phenyl ether	LCS	LCSD	104.0	107.0	105.5	2.1	2.84
4-Chlorophenyl phenyl ether	LCS	LCSD	102.0	108.0	105.0	4.2	5.71
4-Chlorophenyl phenyl ether	LCS	LCSD	102.0	106.0	104.0	2.8	3.85
4-Chlorophenyl phenyl ether	LCS	LCSD	93.0	91.0	92.0	1.4	2.17
4-Chlorophenyl phenyl ether	LCS	LCSD	102.0	105.0	103.5	2.1	2.90
4-Chlorophenyl phenyl ether	LCS	LCSD	111.0	102.0	106.5	6.4	8.45
4-Chlorophenyl phenyl ether	LCS	LCSD	111.0	110.0	110.5	0.7	0.90
4-Chlorophenyl phenyl ether	LCS	LCSD	101.0	108.0	104.5	4.9	6.70
4-Chlorophenyl phenyl ether	LCS	LCSD	118.0	117.0	117.5	0.7	0.85
4-Chlorophenyl phenyl ether	LCS	LCSD	111.0	102.0	106.5	6.4	8.45
4-Chlorophenyl phenyl ether	LCS	LCSD	100.0	99.0	99.5	0.7	1.01
4-Chlorophenyl phenyl ether	LCS	LCSD	108.0	111.0	109.5	2.1	2.74
4-Chlorophenyl phenyl ether	LCS	LCSD	101.0	103.0	102.0	1.4	1.96
4-Chlorophenyl phenyl ether	LCS	LCSD	107.0	99.0	103.0	5.7	7.77
4-Chlorophenyl phenyl ether	LCS	LCSD	102.0	106.0	104.0	2.8	3.85
4-Chlorophenyl phenyl ether	LCS	LCSD	104.0	104.0	104.0	0.0	0.00
4-Methylphenol(p-cresol)	LCS	LCSD	78.0	78.0	78.0	0.0	0.00
4-Methylphenol(p-cresol)	LCS	LCSD	61.0	61.0	61.0	0.0	0.00
4-Methylphenol(p-cresol)	LCS	LCSD	67.0	75.0	71.0	5.7	11.27

Compiled: 10 May 1994

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
4-Methylphenol(p-cresol)	LCS	LCSD	66.0	62.0	64.0	2.8	6.25
4-Methylphenol(p-cresol)	LCS	LCSD	77.0	77.0	77.0	0.0	0.00
4-Methylphenol(p-cresol)	LCS	LCSD	68.0	66.0	67.0	1.4	2.99
4-Methylphenol(p-cresol)	LCS	LCSD	71.0	67.0	69.0	2.8	5.80
4-Methylphenol(p-cresol)	LCS	LCSD	63.0	69.0	66.0	4.2	9.09
4-Methylphenol(p-cresol)	LCS	LCSD	65.0	68.0	66.5	2.1	4.51
4-Methylphenol(p-cresol)	LCS	LCSD	71.0	73.0	72.0	1.4	2.78
4-Methylphenol(p-cresol)	LCS	LCSD	70.0	61.0	65.5	6.4	13.74
4-Methylphenol(p-cresol)	LCS	LCSD	64.0	74.0	69.0	7.1	14.49
4-Methylphenol(p-cresol)	LCS	LCSD	68.0	74.0	71.0	4.2	8.45
4-Methylphenol(p-cresol)	LCS	LCSD	67.0	75.0	71.0	5.7	11.27
4-Methylphenol(p-cresol)	LCS	LCSD	71.0	78.0	74.5	4.9	9.40
4-Methylphenol(p-cresol)	LCS	LCSD	73.0	74.0	73.5	0.7	1.36
4-Nitroaniline	LCS	LCSD	97.0	104.0	100.5	4.9	6.97
4-Nitroaniline	LCS	LCSD	87.0	84.0	85.5	2.1	3.51
4-Nitroaniline	LCS	LCSD	106.0	104.0	105.0	1.4	1.90
4-Nitroaniline	LCS	LCSD	113.0	112.0	112.5	0.7	0.89
4-Nitroaniline	LCS	LCSD	102.0	105.0	103.5	2.1	2.90
4-Nitroaniline	LCS	LCSD	103.0	93.0	98.0	7.1	10.20
4-Nitroaniline	LCS	LCSD	98.0	99.0	98.5	0.7	1.02
4-Nitroaniline	LCS	LCSD	99.0	104.0	101.5	3.5	4.93
4-Nitroaniline	LCS	LCSD	90.0	91.0	90.5	0.7	1.10
4-Nitroaniline	LCS	LCSD	102.0	106.0	104.0	2.8	3.85
4-Nitroaniline	LCS	LCSD	95.0	101.0	98.0	4.2	6.12
4-Nitroaniline	LCS	LCSD	95.0	101.0	98.0	4.2	6.12
4-Nitroaniline	LCS	LCSD	105.0	107.0	106.0	1.4	1.89
4-Nitroaniline	LCS	LCSD	102.0	103.0	102.5	0.7	0.98
4-Nitroaniline	LCS	LCSD	95.0	101.0	98.0	4.2	6.12
4-Nitroaniline	LCS	LCSD	100.0	90.0	95.0	7.1	10.53
4-Nitrophenol	LCS	LCSD	32.0	34.0	33.0	1.4	6.06
4-Nitrophenol	LCS	LCSD	64.0	74.0	69.0	7.1	14.49
4-Nitrophenol	LCS	LCSD	51.0	43.0	47.0	5.7	17.02
4-Nitrophenol	LCS	LCSD	41.0	40.0	40.5	0.7	2.47
4-Nitrophenol	LCS	LCSD	58.0	74.0	66.0	11.3	24.24
4-Nitrophenol	LCS	LCSD	57.0	54.0	55.5	2.1	5.41

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
4-Nitrophenol	LCS	LCSD	61.0	61.0	61.0	0.0	0.00
4-Nitrophenol	LCS	LCSD	39.0	39.0	39.0	0.0	0.00
4-Nitrophenol	LCS	LCSD	31.0	30.0	30.5	0.7	3.28
4-Nitrophenol	LCS	LCSD	49.0	51.0	50.0	1.4	4.00
4-Nitrophenol	LCS	LCSD	47.0	43.0	45.0	2.8	8.89
4-Nitrophenol	LCS	LCSD	63.0	62.0	62.5	0.7	1.60
4-Nitrophenol	LCS	LCSD	45.0	47.0	46.0	1.4	4.35
4-Nitrophenol	LCS	LCSD	43.0	36.0	39.5	4.9	17.72
4-Nitrophenol	LCS	LCSD	34.0	34.0	34.0	0.0	0.00
4-Nitrophenol	LCS	LCSD	58.0	74.0	66.0	11.3	24.24
4-Nitrophenol	LCS	LCSD	54.0	56.0	55.0	1.4	3.64
Acenaphthene	LCS	LCSD	86.0	92.0	89.0	4.2	6.74
Acenaphthene	LCS	LCSD	87.0	90.0	88.5	2.1	3.39
Acenaphthene	LCS	LCSD	88.0	81.0	84.5	4.9	8.28
Acenaphthene	LCS	LCSD	86.0	90.0	88.0	2.8	4.55
Acenaphthene	LCS	LCSD	81.0	82.0	81.5	0.7	1.23
Acenaphthene	LCS	LCSD	90.0	92.0	91.0	1.4	2.20
Acenaphthene	LCS	LCSD	83.0	84.0	83.5	0.7	1.20
Acenaphthene	LCS	LCSD	79.0	85.0	82.0	4.2	7.32
Acenaphthene	LCS	LCSD	89.0	90.0	89.5	0.7	1.12
Acenaphthene	LCS	LCSD	85.0	90.0	87.5	3.5	5.71
Acenaphthene	LCS	LCSD	85.0	90.0	87.5	3.5	5.71
Acenaphthene	LCS	LCSD	87.0	94.0	90.5	4.9	7.73
Acenaphthene	LCS	LCSD	90.0	86.0	88.0	2.8	4.55
Acenaphthene	LCS	LCSD	91.0	90.0	90.5	0.7	1.10
Acenaphthene	LCS	LCSD	94.0	90.0	92.0	2.8	4.35
Acenaphthene	LCS	LCSD	89.0	93.0	91.0	2.8	4.40
Acenaphthene	LCS	LCSD	97.0	94.0	95.5	2.1	3.14
Acenaphthylene	LCS	LCSD	99.0	100.0	99.5	0.7	1.01
Acenaphthylene	LCS	LCSD	89.0	89.0	89.0	0.0	0.00
Acenaphthylene	LCS	LCSD	93.0	98.0	95.5	3.5	5.24
Acenaphthylene	LCS	LCSD	106.0	101.0	103.5	3.5	4.83
Acenaphthylene	LCS	LCSD	93.0	99.0	96.0	4.2	6.25
Acenaphthylene	LCS	LCSD	92.0	84.0	88.0	5.7	9.09
Acenaphthylene	LCS	LCSD	92.0	99.0	95.5	4.9	7.33

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Acenaphthylene	LCS	LCSD	93.0	99.0	96.0	4.2	6.25
Acenaphthylene	LCS	LCSD	100.0	100.0	100.0	0.0	0.00
Acenaphthylene	LCS	LCSD	100.0	103.0	101.5	2.1	2.96
Acenaphthylene	LCS	LCSD	106.0	103.0	104.5	2.1	2.87
Acenaphthylene	LCS	LCSD	99.0	97.0	98.0	1.4	2.04
Acenaphthylene	LCS	LCSD	100.0	94.0	97.0	4.2	6.19
Acenaphthylene	LCS	LCSD	94.0	98.0	96.0	2.8	4.17
Acenaphthylene	LCS	LCSD	86.0	89.0	87.5	2.1	3.43
Acenaphthylene	LCS	LCSD	91.0	90.0	90.5	0.7	1.10
Acenaphthylene	LCS	LCSD	96.0	100.0	98.0	2.8	4.08
Anthracene	LCS	LCSD	96.0	102.0	99.0	4.2	6.06
Anthracene	LCS	LCSD	94.0	98.0	96.0	2.8	4.17
Anthracene	LCS	LCSD	96.0	102.0	99.0	4.2	6.06
Anthracene	LCS	LCSD	101.0	106.0	103.5	3.5	4.83
Anthracene	LCS	LCSD	101.0	97.0	99.0	2.8	4.04
Anthracene	LCS	LCSD	100.0	103.0	101.5	2.1	2.96
Anthracene	LCS	LCSD	86.0	85.0	85.5	0.7	1.17
Anthracene	LCS	LCSD	93.0	91.0	92.0	1.4	2.17
Anthracene	LCS	LCSD	105.0	105.0	105.0	0.0	0.00
Anthracene	LCS	LCSD	105.0	104.0	104.5	0.7	0.96
Anthracene	LCS	LCSD	108.0	107.0	107.5	0.7	0.93
Anthracene	LCS	LCSD	92.0	89.0	90.5	2.1	3.31
Anthracene	LCS	LCSD	96.0	102.0	99.0	4.2	6.06
Anthracene	LCS	LCSD	92.0	94.0	93.0	1.4	2.15
Anthracene	LCS	LCSD	109.0	104.0	106.5	3.5	4.69
Anthracene	LCS	LCSD	101.0	101.0	101.0	0.0	0.00
Anthracene	LCS	LCSD	99.0	102.0	100.5	2.1	2.99
Benzo(a)anthracene	LCS	LCSD	88.0	95.0	91.5	4.9	7.65
Benzo(a)anthracene	LCS	LCSD	104.0	100.0	102.0	2.8	3.92
Benzo(a)anthracene	LCS	LCSD	88.0	95.0	91.5	4.9	7.65
Benzo(a)anthracene	LCS	LCSD	93.0	98.0	95.5	3.5	5.24
Benzo(a)anthracene	LCS	LCSD	88.0	86.0	87.0	1.4	2.30
Benzo(a)anthracene	LCS	LCSD	92.0	97.0	94.5	3.5	5.29
Benzo(a)anthracene	LCS	LCSD	99.0	101.0	100.0	1.4	2.00
Benzo(a)anthracene	LCS	LCSD	96.0	92.0	94.0	2.8	4.26

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Benzo(a)anthracene	LCS	LCSD	96.0	97.0	96.5	0.7	1.04
Benzo(a)anthracene	LCS	LCSD	100.0	101.0	100.5	0.7	1.00
Benzo(a)anthracene	LCS	LCSD	91.0	101.0	96.0	7.1	10.42
Benzo(a)anthracene	LCS	LCSD	103.0	102.0	102.5	0.7	0.98
Benzo(a)anthracene	LCS	LCSD	94.0	97.0	95.5	2.1	3.14
Benzo(a)anthracene	LCS	LCSD	90.0	81.0	85.5	6.4	10.53
Benzo(a)anthracene	LCS	LCSD	91.0	92.0	91.5	0.7	1.09
Benzo(a)anthracene	LCS	LCSD	90.0	97.0	93.5	4.9	7.49
Benzo(a)anthracene	LCS	LCSD	101.0	106.0	103.5	3.5	4.83
Benzo(a)pyrene	LCS	LCSD	89.0	89.0	89.0	0.0	0.00
Benzo(a)pyrene	LCS	LCSD	97.0	91.0	94.0	4.2	6.38
Benzo(a)pyrene	LCS	LCSD	94.0	93.0	93.5	0.7	1.07
Benzo(a)pyrene	LCS	LCSD	89.0	94.0	91.5	3.5	5.46
Benzo(a)pyrene	LCS	LCSD	88.0	89.0	88.5	0.7	1.13
Benzo(a)pyrene	LCS	LCSD	84.0	85.0	84.5	0.7	1.18
Benzo(a)pyrene	LCS	LCSD	82.0	89.0	85.5	4.9	8.19
Benzo(a)pyrene	LCS	LCSD	83.0	89.0	86.0	4.2	6.98
Benzo(a)pyrene	LCS	LCSD	85.0	90.0	87.5	3.5	5.71
Benzo(a)pyrene	LCS	LCSD	93.0	94.0	93.5	0.7	1.07
Benzo(a)pyrene	LCS	LCSD	85.0	88.0	86.5	2.1	3.47
Benzo(a)pyrene	LCS	LCSD	89.0	84.0	86.5	3.5	5.78
Benzo(a)pyrene	LCS	LCSD	91.0	91.0	91.0	0.0	0.00
Benzo(a)pyrene	LCS	LCSD	90.0	90.0	90.0	0.0	0.00
Benzo(a)pyrene	LCS	LCSD	81.0	80.0	80.5	0.7	1.24
Benzo(a)pyrene	LCS	LCSD	83.0	75.0	79.0	5.7	10.13
Benzo(a)pyrene	LCS	LCSD	83.0	89.0	86.0	4.2	6.98
Benzo(b)fluoranthene	LCS	LCSD	88.0	90.0	89.0	1.4	2.25
Benzo(b)fluoranthene	LCS	LCSD	102.0	99.0	100.5	2.1	2.99
Benzo(b)fluoranthene	LCS	LCSD	86.0	90.0	88.0	2.8	4.55
Benzo(b)fluoranthene	LCS	LCSD	86.0	92.0	89.0	4.2	6.74
Benzo(b)fluoranthene	LCS	LCSD	92.0	92.0	92.0	0.0	0.00
Benzo(b)fluoranthene	LCS	LCSD	77.0	88.0	82.5	7.8	13.33
Benzo(b)fluoranthene	LCS	LCSD	79.0	80.0	79.5	0.7	1.26
Benzo(b)fluoranthene	LCS	LCSD	84.0	96.0	90.0	8.5	13.33
Benzo(b)fluoranthene	LCS	LCSD	77.0	75.0	76.0	1.4	2.63

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Benzo(b)fluoranthene	LCS	LCSD	96.0	94.0	95.0	1.4	2.11
Benzo(b)fluoranthene	LCS	LCSD	91.0	93.0	92.0	1.4	2.17
Benzo(b)fluoranthene	LCS	LCSD	90.0	87.0	88.5	2.1	3.39
Benzo(b)fluoranthene	LCS	LCSD	84.0	96.0	90.0	8.5	13.33
Benzo(b)fluoranthene	LCS	LCSD	90.0	95.0	92.5	3.5	5.41
Benzo(b)fluoranthene	LCS	LCSD	88.0	86.0	87.0	1.4	2.30
Benzo(b)fluoranthene	LCS	LCSD	97.0	85.0	91.0	8.5	13.19
Benzo(b)fluoranthene	LCS	LCSD	90.0	93.0	91.5	2.1	3.28
Benzo(g,h,i)perylene	LCS	LCSD	100.0	104.0	102.0	2.8	3.92
Benzo(g,h,i)perylene	LCS	LCSD	114.0	115.0	114.5	0.7	0.87
Benzo(g,h,i)perylene	LCS	LCSD	118.0	119.0	118.5	0.7	0.84
Benzo(g,h,i)perylene	LCS	LCSD	93.0	94.0	93.5	0.7	1.07
Benzo(g,h,i)perylene	LCS	LCSD	109.0	112.0	110.5	2.1	2.71
Benzo(g,h,i)perylene	LCS	LCSD	89.0	91.0	90.0	1.4	2.22
Benzo(g,h,i)perylene	LCS	LCSD	80.0	80.0	80.0	0.0	0.00
Benzo(g,h,i)perylene	LCS	LCSD	102.0	114.0	108.0	8.5	11.11
Benzo(g,h,i)perylene	LCS	LCSD	91.0	99.0	95.0	5.7	8.42
Benzo(g,h,i)perylene	LCS	LCSD	102.0	102.0	102.0	0.0	0.00
Benzo(g,h,i)perylene	LCS	LCSD	81.0	78.0	79.5	2.1	3.77
Benzo(g,h,i)perylene	LCS	LCSD	83.0	87.0	85.0	2.8	4.71
Benzo(g,h,i)perylene	LCS	LCSD	114.0	113.0	113.5	0.7	0.88
Benzo(g,h,i)perylene	LCS	LCSD	92.0	100.0	96.0	5.7	8.33
Benzo(g,h,i)perylene	LCS	LCSD	102.0	114.0	108.0	8.5	11.11
Benzo(g,h,i)perylene	LCS	LCSD	96.0	98.0	97.0	1.4	2.06
Benzo(g,h,i)perylene	LCS	LCSD	103.0	109.0	106.0	4.2	5.66
Benzo(k)fluoranthene	LCS	LCSD	98.0	113.0	105.5	10.6	14.22
Benzo(k)fluoranthene	LCS	LCSD	86.0	81.0	83.5	3.5	5.99
Benzo(k)fluoranthene	LCS	LCSD	100.0	103.0	101.5	2.1	2.96
Benzo(k)fluoranthene	LCS	LCSD	100.0	102.0	101.0	1.4	1.98
Benzo(k)fluoranthene	LCS	LCSD	101.0	95.0	98.0	4.2	6.12
Benzo(k)fluoranthene	LCS	LCSD	103.0	100.0	101.5	2.1	2.96
Benzo(k)fluoranthene	LCS	LCSD	99.0	101.0	100.0	1.4	2.00
Benzo(k)fluoranthene	LCS	LCSD	79.0	74.0	76.5	3.5	6.54
Benzo(k)fluoranthene	LCS	LCSD	104.0	105.0	104.5	0.7	0.96
Benzo(k)fluoranthene	LCS	LCSD	90.0	102.0	96.0	8.5	12.50

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Benzo(k)fluoranthene	LCS	LCSD	92.0	92.0	92.0	0.0	0.00
Benzo(k)fluoranthene	LCS	LCSD	93.0	88.0	90.5	3.5	5.52
Benzo(k)fluoranthene	LCS	LCSD	96.0	98.0	97.0	1.4	2.06
Benzo(k)fluoranthene	LCS	LCSD	106.0	102.0	104.0	2.8	3.85
Benzo(k)fluoranthene	LCS	LCSD	103.0	104.0	103.5	0.7	0.97
Benzo(k)fluoranthene	LCS	LCSD	96.0	98.0	97.0	1.4	2.06
Benzo(k)fluoranthene	LCS	LCSD	108.0	111.0	109.5	2.1	2.74
Benzoic acid	LCS	LCSD	< 39.0 (J)	< 39.0 (J)	NC	NC	NC
Benzoic acid	LCS	LCSD	< 38.6	< 38.6	NC	NC	NC
Benzoic acid	LCS	LCSD	< 39.0 (J)	< 39.0 (J)	NC	NC	NC
Benzoic acid	LCS	LCSD	35.0	40.0	37.5	3.5	13.33
Benzoic acid	LCS	LCSD	< 39.0 (J)	< 39.0 (J)	NC	NC	NC
Benzoic acid	LCS	LCSD	< 39.0 (J)	< 39.0 (J)	NC	NC	NC
Benzoic acid	LCS	LCSD	26.0	20.0	23.0	4.2	26.09
Benzoic acid	LCS	LCSD	< 38.6 (J)	< 38.6 (J)	NC	NC	NC
Benzoic acid	LCS	LCSD	< 39.0 (J)	< 39.0 (J)	NC	NC	NC
Benzoic acid	LCS	LCSD	35.0	22.0	28.5	9.2	45.61
Benzoic acid	LCS	LCSD	< 38.6 (J)	< 38.6 (J)	NC	NC	NC
Benzoic acid	LCS	LCSD	< 39.0 (J)	< 39.0 (J)	NC	NC	NC
Benzoic acid	LCS	LCSD	< 38.6 (J)	< 38.6 (J)	NC	NC	NC
Benzoic acid	LCS	LCSD	29.0	28.0	28.5	0.7	3.51
Benzoic acid	LCS	LCSD	< 39.0 (J)	< 39.0 (J)	NC	NC	NC
Benzoic acid	LCS	LCSD	< 39.0 (J)	< 39.0 (J)	NC	NC	NC
Benzyl alcohol	LCS	LCSD	80.0	87.0	83.5	4.9	8.38
Benzyl alcohol	LCS	LCSD	84.0	86.0	85.0	1.4	2.35
Benzyl alcohol	LCS	LCSD	79.0	87.0	83.0	5.7	9.64
Benzyl alcohol	LCS	LCSD	83.0	89.0	86.0	4.2	6.98
Benzyl alcohol	LCS	LCSD	92.0	96.0	94.0	2.8	4.26
Benzyl alcohol	LCS	LCSD	92.0	94.0	93.0	1.4	2.15
Benzyl alcohol	LCS	LCSD	83.0	75.0	79.0	5.7	10.13
Benzyl alcohol	LCS	LCSD	74.0	74.0	74.0	0.0	0.00
Benzyl alcohol	LCS	LCSD	80.0	87.0	83.5	4.9	8.38
Benzyl alcohol	LCS	LCSD	86.0	83.0	84.5	2.1	3.55
Benzyl alcohol	LCS	LCSD	92.0	90.0	91.0	1.4	2.20
Benzyl alcohol	LCS	LCSD	84.0	90.0	87.0	4.2	6.90

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Benzyl alcohol	LCS	LCSD	82.0	91.0	86.5	6.4	10.40
Benzyl alcohol	LCS	LCSD	87.0	93.0	90.0	4.2	6.67
Benzyl alcohol	LCS	LCSD	92.0	87.0	89.5	3.5	5.59
Benzyl alcohol	LCS	LCSD	80.0	79.0	79.5	0.7	1.26
Butylbenzylphthalate	LCS	LCSD	91.0	99.0	95.0	5.7	8.42
Butylbenzylphthalate	LCS	LCSD	92.0	94.0	93.0	1.4	2.15
Butylbenzylphthalate	LCS	LCSD	100.0	107.0	103.5	4.9	6.76
Butylbenzylphthalate	LCS	LCSD	94.0	85.0	89.5	6.4	10.06
Butylbenzylphthalate	LCS	LCSD	110.0	109.0	109.5	0.7	0.91
Butylbenzylphthalate	LCS	LCSD	102.0	101.0	101.5	0.7	0.99
Butylbenzylphthalate	LCS	LCSD	109.0	110.0	109.5	0.7	0.91
Butylbenzylphthalate	LCS	LCSD	109.0	110.0	109.5	0.7	0.91
Butylbenzylphthalate	LCS	LCSD	90.0	99.0	94.5	6.4	9.52
Butylbenzylphthalate	LCS	LCSD	110.0	109.0	109.5	0.7	0.91
Butylbenzylphthalate	LCS	LCSD	98.0	102.0	100.0	2.8	4.00
Butylbenzylphthalate	LCS	LCSD	95.0	100.0	97.5	3.5	5.13
Butylbenzylphthalate	LCS	LCSD	85.0	85.0	85.0	0.0	0.00
Butylbenzylphthalate	LCS	LCSD	93.0	102.0	97.5	6.4	9.23
Butylbenzylphthalate	LCS	LCSD	99.0	100.0	99.5	0.7	1.01
Butylbenzylphthalate	LCS	LCSD	93.0	91.0	92.0	1.4	2.17
Butylbenzylphthalate	LCS	LCSD	90.0	99.0	94.5	6.4	9.52
Chrysene	LCS	LCSD	88.0	96.0	92.0	5.7	8.70
Chrysene	LCS	LCSD	87.0	95.0	91.0	5.7	8.79
Chrysene	LCS	LCSD	96.0	90.0	93.0	4.2	6.45
Chrysene	LCS	LCSD	95.0	95.0	95.0	0.0	0.00
Chrysene	LCS	LCSD	87.0	97.0	92.0	7.1	10.87
Chrysene	LCS	LCSD	87.0	95.0	91.0	5.7	8.79
Chrysene	LCS	LCSD	104.0	99.0	101.5	3.5	4.93
Chrysene	LCS	LCSD	97.0	96.0	96.5	0.7	1.04
Chrysene	LCS	LCSD	84.0	89.0	86.5	3.5	5.78
Chrysene	LCS	LCSD	91.0	96.0	93.5	3.5	5.35
Chrysene	LCS	LCSD	98.0	99.0	98.5	0.7	1.02
Chrysene	LCS	LCSD	93.0	101.0	97.0	5.7	8.25
Chrysene	LCS	LCSD	101.0	100.0	100.5	0.7	1.00
Chrysene	LCS	LCSD	99.0	100.0	99.5	0.7	1.01

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Chrysene	LCS	LCSD	87.0	85.0	86.0	1.4	2.33
Chrysene	LCS	LCSD	92.0	95.0	93.5	2.1	3.21
Chrysene	LCS	LCSD	93.0	82.0	87.5	7.8	12.57
Di-n-butylphthalate	LCS	LCSD	113.0	117.0	115.0	2.8	3.48
Di-n-butylphthalate	LCS	LCSD	89.0	93.0	91.0	2.8	4.40
Di-n-butylphthalate	LCS	LCSD	108.0	116.0	112.0	5.7	7.14
Di-n-butylphthalate	LCS	LCSD	119.0	113.0	116.0	4.2	5.17
Di-n-butylphthalate	LCS	LCSD	93.0	91.0	92.0	1.4	2.17
Di-n-butylphthalate	LCS	LCSD	95.0	97.0	96.0	1.4	2.08
Di-n-butylphthalate	LCS	LCSD	105.0	106.0	105.5	0.7	0.95
Di-n-butylphthalate	LCS	LCSD	129.0	126.0	127.5	2.1	2.35
Di-n-butylphthalate	LCS	LCSD	85.0	85.0	85.0	0.0	0.00
Di-n-butylphthalate	LCS	LCSD	114.0	120.0	117.0	4.2	5.13
Di-n-butylphthalate	LCS	LCSD	116.0	115.0	115.5	0.7	0.87
Di-n-butylphthalate	LCS	LCSD	109.0	101.0	105.0	5.7	7.62
Di-n-butylphthalate	LCS	LCSD	115.0	121.0	118.0	4.2	5.08
Di-n-butylphthalate	LCS	LCSD	93.0	90.0	91.5	2.1	3.28
Di-n-butylphthalate	LCS	LCSD	108.0	116.0	112.0	5.7	7.14
Di-n-butylphthalate	LCS	LCSD	98.0	106.0	102.0	5.7	7.84
Di-n-butylphthalate	LCS	LCSD	105.0	104.0	104.5	0.7	0.96
Di-n-octylphthalate	LCS	LCSD	112.0	116.0	114.0	2.8	3.51
Di-n-octylphthalate	LCS	LCSD	113.0	116.0	114.5	2.1	2.62
Di-n-octylphthalate	LCS	LCSD	91.0	93.0	92.0	1.4	2.17
Di-n-octylphthalate	LCS	LCSD	116.0	116.0	116.0	0.0	0.00
Di-n-octylphthalate	LCS	LCSD	98.0	96.0	97.0	1.4	2.06
Di-n-octylphthalate	LCS	LCSD	106.0	115.0	110.5	6.4	8.14
Di-n-octylphthalate	LCS	LCSD	130.0	127.0	128.5	2.1	2.33
Di-n-octylphthalate	LCS	LCSD	96.0	91.0	93.5	3.5	5.35
Di-n-octylphthalate	LCS	LCSD	116.0	118.0	117.0	1.4	1.71
Di-n-octylphthalate	LCS	LCSD	120.0	108.0	114.0	8.5	10.53
Di-n-octylphthalate	LCS	LCSD	100.0	107.0	103.5	4.9	6.76
Di-n-octylphthalate	LCS	LCSD	93.0	95.0	94.0	1.4	2.13
Di-n-octylphthalate	LCS	LCSD	115.0	116.0	115.5	0.7	0.87
Di-n-octylphthalate	LCS	LCSD	121.0	118.0	119.5	2.1	2.51
Di-n-octylphthalate	LCS	LCSD	118.0	127.0	122.5	6.4	7.35

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Di-n-octylphthalate	LCS	LCSD	92.0	94.0	93.0	1.4	2.15
Di-n-octylphthalate	LCS	LCSD	106.0	115.0	110.5	6.4	8.14
Dibenz(a,h)anthracene	LCS	LCSD	98.0	102.0	100.0	2.8	4.00
Dibenz(a,h)anthracene	LCS	LCSD	90.0	91.0	90.5	0.7	1.10
Dibenz(a,h)anthracene	LCS	LCSD	71.0	70.0	70.5	0.7	1.42
Dibenz(a,h)anthracene	LCS	LCSD	91.0	96.0	93.5	3.5	5.35
Dibenz(a,h)anthracene	LCS	LCSD	79.0	83.0	81.0	2.8	4.94
Dibenz(a,h)anthracene	LCS	LCSD	82.0	87.0	84.5	3.5	5.92
Dibenz(a,h)anthracene	LCS	LCSD	105.0	105.0	105.0	0.0	0.00
Dibenz(a,h)anthracene	LCS	LCSD	94.0	93.0	93.5	0.7	1.07
Dibenz(a,h)anthracene	LCS	LCSD	95.0	99.0	97.0	2.8	4.12
Dibenz(a,h)anthracene	LCS	LCSD	97.0	99.0	98.0	1.4	2.04
Dibenz(a,h)anthracene	LCS	LCSD	92.0	94.0	93.0	1.4	2.15
Dibenz(a,h)anthracene	LCS	LCSD	85.0	86.0	85.5	0.7	1.17
Dibenz(a,h)anthracene	LCS	LCSD	89.0	96.0	92.5	4.9	7.57
Dibenz(a,h)anthracene	LCS	LCSD	86.0	93.0	89.5	4.9	7.82
Dibenz(a,h)anthracene	LCS	LCSD	89.0	96.0	92.5	4.9	7.57
Dibenz(a,h)anthracene	LCS	LCSD	89.0	95.0	92.0	4.2	6.52
Dibenz(a,h)anthracene	LCS	LCSD	79.0	76.0	77.5	2.1	3.87
Dibenzofuran	LCS	LCSD	100.0	94.0	97.0	4.2	6.19
Dibenzofuran	LCS	LCSD	103.0	106.0	104.5	2.1	2.87
Dibenzofuran	LCS	LCSD	92.0	98.0	95.0	4.2	6.32
Dibenzofuran	LCS	LCSD	102.0	95.0	98.5	4.9	7.11
Dibenzofuran	LCS	LCSD	95.0	98.0	96.5	2.1	3.11
Dibenzofuran	LCS	LCSD	89.0	92.0	90.5	2.1	3.31
Dibenzofuran	LCS	LCSD	94.0	97.0	95.5	2.1	3.14
Dibenzofuran	LCS	LCSD	96.0	99.0	97.5	2.1	3.08
Dibenzofuran	LCS	LCSD	96.0	100.0	98.0	2.8	4.08
Dibenzofuran	LCS	LCSD	99.0	97.0	98.0	1.4	2.04
Dibenzofuran	LCS	LCSD	92.0	98.0	95.0	4.2	6.32
Dibenzofuran	LCS	LCSD	105.0	104.0	104.5	0.7	0.96
Dibenzofuran	LCS	LCSD	97.0	90.0	93.5	4.9	7.49
Dibenzofuran	LCS	LCSD	95.0	101.0	98.0	4.2	6.12
Dibenzofuran	LCS	LCSD	88.0	87.0	87.5	0.7	1.14
Dibenzofuran	LCS	LCSD	96.0	97.0	96.5	0.7	1.04

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Diethylphthalate	LCS	LCSD	105.0	107.0	106.0	1.4	1.89
Diethylphthalate	LCS	LCSD	102.0	108.0	105.0	4.2	5.71
Diethylphthalate	LCS	LCSD	110.0	104.0	107.0	4.2	5.61
Diethylphthalate	LCS	LCSD	101.0	103.0	102.0	1.4	1.96
Diethylphthalate	LCS	LCSD	99.0	100.0	99.5	0.7	1.01
Diethylphthalate	LCS	LCSD	104.0	105.0	104.5	0.7	0.96
Diethylphthalate	LCS	LCSD	92.0	91.0	91.5	0.7	1.09
Diethylphthalate	LCS	LCSD	105.0	96.0	100.5	6.4	8.96
Diethylphthalate	LCS	LCSD	102.0	108.0	105.0	4.2	5.71
Diethylphthalate	LCS	LCSD	107.0	108.0	107.5	0.7	0.93
Diethylphthalate	LCS	LCSD	99.0	98.0	98.5	0.7	1.02
Diethylphthalate	LCS	LCSD	96.0	104.0	100.0	5.7	8.00
Diethylphthalate	LCS	LCSD	98.0	102.0	100.0	2.8	4.00
Diethylphthalate	LCS	LCSD	105.0	109.0	107.0	2.8	3.74
Diethylphthalate	LCS	LCSD	103.0	106.0	104.5	2.1	2.87
Diethylphthalate	LCS	LCSD	113.0	102.0	107.5	7.8	10.23
Diethylphthalate	LCS	LCSD	114.0	114.0	114.0	0.0	0.00
Dimethylphthalate	LCS	LCSD	97.0	102.0	99.5	3.5	5.03
Dimethylphthalate	LCS	LCSD	96.0	99.0	97.5	2.1	3.08
Dimethylphthalate	LCS	LCSD	103.0	97.0	100.0	4.2	6.00
Dimethylphthalate	LCS	LCSD	88.0	89.0	88.5	0.7	1.13
Dimethylphthalate	LCS	LCSD	95.0	89.0	92.0	4.2	6.52
Dimethylphthalate	LCS	LCSD	100.0	103.0	101.5	2.1	2.96
Dimethylphthalate	LCS	LCSD	100.0	102.0	101.0	1.4	1.98
Dimethylphthalate	LCS	LCSD	109.0	108.0	108.5	0.7	0.92
Dimethylphthalate	LCS	LCSD	95.0	103.0	99.0	5.7	8.08
Dimethylphthalate	LCS	LCSD	101.0	93.0	97.0	5.7	8.25
Dimethylphthalate	LCS	LCSD	96.0	102.0	99.0	4.2	6.06
Dimethylphthalate	LCS	LCSD	98.0	95.0	96.5	2.1	3.11
Dimethylphthalate	LCS	LCSD	96.0	102.0	99.0	4.2	6.06
Dimethylphthalate	LCS	LCSD	88.0	87.0	87.5	0.7	1.14
Dimethylphthalate	LCS	LCSD	96.0	102.0	99.0	4.2	6.06
Dimethylphthalate	LCS	LCSD	96.0	96.0	96.0	0.0	0.00
Dimethylphthalate	LCS	LCSD	102.0	101.0	101.5	0.7	0.99
Diphenylamine/N-NitrosoDPA	LCS	LCSD	90.0	92.0	91.0	1.4	2.20

Compiled: 10 May 1994

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Diphenylamine/N-NitrosoDPA	LCS	LCSD	87.0	91.0	89.0	2.8	4.49
Diphenylamine/N-NitrosoDPA	LCS	LCSD	81.0	80.0	80.5	0.7	1.24
Diphenylamine/N-NitrosoDPA	LCS	LCSD	98.0	94.0	96.0	2.8	4.17
Diphenylamine/N-NitrosoDPA	LCS	LCSD	91.0	90.0	90.5	0.7	1.10
Diphenylamine/N-NitrosoDPA	LCS	LCSD	92.0	86.0	89.0	4.2	6.74
Diphenylamine/N-NitrosoDPA	LCS	LCSD	85.0	91.0	88.0	4.2	6.82
Diphenylamine/N-NitrosoDPA	LCS	LCSD	85.0	91.0	88.0	4.2	6.82
Diphenylamine/N-NitrosoDPA	LCS	LCSD	89.0	91.0	90.0	1.4	2.22
Diphenylamine/N-NitrosoDPA	LCS	LCSD			0.0	0.0	NC
Diphenylamine/N-NitrosoDPA	LCS	LCSD	76.0	75.0	75.5	0.7	1.32
Fluoranthene	LCS	LCSD	91.0	99.0	95.0	5.7	8.42
Fluoranthene	LCS	LCSD	99.0	100.0	99.5	0.7	1.01
Fluoranthene	LCS	LCSD	99.0	102.0	100.5	2.1	2.99
Fluoranthene	LCS	LCSD	93.0	99.0	96.0	4.2	6.25
Fluoranthene	LCS	LCSD	106.0	105.0	105.5	0.7	0.95
Fluoranthene	LCS	LCSD	101.0	91.0	96.0	7.1	10.42
Fluoranthene	LCS	LCSD	98.0	100.0	99.0	1.4	2.02
Fluoranthene	LCS	LCSD	99.0	95.0	97.0	2.8	4.12
Fluoranthene	LCS	LCSD	88.0	86.0	87.0	1.4	2.30
Fluoranthene	LCS	LCSD	94.0	94.0	94.0	0.0	0.00
Fluoranthene	LCS	LCSD	86.0	84.0	85.0	1.4	2.35
Fluoranthene	LCS	LCSD	83.0	84.0	83.5	0.7	1.20
Fluoranthene	LCS	LCSD	91.0	99.0	95.0	5.7	8.42
Fluoranthene	LCS	LCSD	94.0	103.0	98.5	6.4	9.14
Fluoranthene	LCS	LCSD	95.0	93.0	94.0	1.4	2.13
Fluoranthene	LCS	LCSD	97.0	98.0	97.5	0.7	1.03
Fluoranthene	LCS	LCSD	87.0	87.0	87.0	0.0	0.00
Fluorene	LCS	LCSD	81.0	84.0	82.5	2.1	3.64
Fluorene	LCS	LCSD	77.0	83.0	80.0	4.2	7.50
Fluorene	LCS	LCSD	81.0	81.0	81.0	0.0	0.00
Fluorene	LCS	LCSD	81.0	82.0	81.5	0.7	1.23
Fluorene	LCS	LCSD	78.0	82.0	80.0	2.8	5.00
Fluorene	LCS	LCSD	79.0	79.0	79.0	0.0	0.00
Fluorene	LCS	LCSD	86.0	80.0	83.0	4.2	7.23
Fluorene	LCS	LCSD	78.0	79.0	78.5	0.7	1.27

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Fluorene	LCS	LCSD	77.0	80.0	78.5	2.1	3.82
Fluorene	LCS	LCSD	80.0	80.0	80.0	0.0	0.00
Fluorene	LCS	LCSD	77.0	80.0	78.5	2.1	3.82
Fluorene	LCS	LCSD	79.0	80.0	79.5	0.7	1.26
Fluorene	LCS	LCSD	85.0	86.0	85.5	0.7	1.17
Fluorene	LCS	LCSD	85.0	80.0	82.5	3.5	6.06
Fluorene	LCS	LCSD	73.0	72.0	72.5	0.7	1.38
Fluorene	LCS	LCSD	82.0	77.0	79.5	3.5	6.29
Fluorene	LCS	LCSD	87.0	89.0	88.0	1.4	2.27
Hexachlorobenzene	LCS	LCSD	95.0	95.0	95.0	0.0	0.00
Hexachlorobenzene	LCS	LCSD	106.0	105.0	105.5	0.7	0.95
Hexachlorobenzene	LCS	LCSD	98.0	97.0	97.5	0.7	1.03
Hexachlorobenzene	LCS	LCSD	96.0	103.0	99.5	4.9	7.04
Hexachlorobenzene	LCS	LCSD	107.0	103.0	105.0	2.8	3.81
Hexachlorobenzene	LCS	LCSD	111.0	122.0	116.5	7.8	9.44
Hexachlorobenzene	LCS	LCSD	98.0	95.0	96.5	2.1	3.11
Hexachlorobenzene	LCS	LCSD	100.0	104.0	102.0	2.8	3.92
Hexachlorobenzene	LCS	LCSD	84.0	83.0	83.5	0.7	1.20
Hexachlorobenzene	LCS	LCSD	101.0	101.0	101.0	0.0	0.00
Hexachlorobenzene	LCS	LCSD	91.0	98.0	94.5	4.9	7.41
Hexachlorobenzene	LCS	LCSD	86.0	84.0	85.0	1.4	2.35
Hexachlorobenzene	LCS	LCSD	96.0	103.0	99.5	4.9	7.04
Hexachlorobenzene	LCS	LCSD	98.0	101.0	99.5	2.1	3.02
Hexachlorobenzene	LCS	LCSD	101.0	95.0	98.0	4.2	6.12
Hexachlorobenzene	LCS	LCSD	96.0	88.0	92.0	5.7	8.70
Hexachlorobenzene	LCS	LCSD	98.0	100.0	99.0	1.4	2.02
Hexachlorobutadiene	LCS	LCSD	100.0	105.0	102.5	3.5	4.88
Hexachlorobutadiene	LCS	LCSD	80.0	81.0	80.5	0.7	1.24
Hexachlorobutadiene	LCS	LCSD	90.0	86.0	88.0	2.8	4.55
Hexachlorobutadiene	LCS	LCSD	101.0	85.0	93.0	11.3	17.20
Hexachlorobutadiene	LCS	LCSD	99.0	96.0	97.5	2.1	3.08
Hexachlorobutadiene	LCS	LCSD	99.0	96.0	97.5	2.1	3.08
Hexachlorobutadiene	LCS	LCSD	93.0	98.0	95.5	3.5	5.24
Hexachlorobutadiene	LCS	LCSD	89.0	93.0	91.0	2.8	4.40
Hexachlorobutadiene	LCS	LCSD	93.0	98.0	95.5	3.5	5.24

Compiled: 10 May 1994

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Hexachlorobutadiene	LCS	LCSD	87.0	87.0	87.0	0.0	0.00
Hexachlorobutadiene	LCS	LCSD	95.0	92.0	93.5	2.1	3.21
Hexachlorobutadiene	LCS	LCSD	93.0	92.0	92.5	0.7	1.08
Hexachlorobutadiene	LCS	LCSD	93.0	87.0	90.0	4.2	6.67
Hexachlorobutadiene	LCS	LCSD	91.0	98.0	94.5	4.9	7.41
Hexachlorobutadiene	LCS	LCSD	95.0	95.0	95.0	0.0	0.00
Hexachlorobutadiene	LCS	LCSD	91.0	95.0	93.0	2.8	4.30
Hexachlorobutadiene	LCS	LCSD	101.0	104.0	102.5	2.1	2.93
Hexachlorocyclopentadiene	LCS	LCSD	94.0	97.0	95.5	2.1	3.14
Hexachlorocyclopentadiene	LCS	LCSD	92.0	94.0	93.0	1.4	2.15
Hexachlorocyclopentadiene	LCS	LCSD	143.0	140.0	141.5	2.1	2.12
Hexachlorocyclopentadiene	LCS	LCSD	115.0	91.0	103.0	17.0	23.30
Hexachlorocyclopentadiene	LCS	LCSD	97.0	109.0	103.0	8.5	11.65
Hexachlorocyclopentadiene	LCS	LCSD	125.0	104.0	114.5	14.8	18.34
Hexachlorocyclopentadiene	LCS	LCSD	85.0	90.0	87.5	3.5	5.71
Hexachlorocyclopentadiene	LCS	LCSD	95.0	105.0	100.0	7.1	10.00
Hexachlorocyclopentadiene	LCS	LCSD	84.0	94.0	89.0	7.1	11.24
Hexachlorocyclopentadiene	LCS	LCSD	79.0	103.0	91.0	17.0	26.37
Hexachlorocyclopentadiene	LCS	LCSD	104.0	113.0	108.5	6.4	8.29
Hexachlorocyclopentadiene	LCS	LCSD	128.0	137.0	132.5	6.4	6.79
Hexachlorocyclopentadiene	LCS	LCSD	134.0	131.0	132.5	2.1	2.26
Hexachlorocyclopentadiene	LCS	LCSD	95.0	105.0	100.0	7.1	10.00
Hexachlorocyclopentadiene	LCS	LCSD	90.0	82.0	86.0	5.7	9.30
Hexachlorocyclopentadiene	LCS	LCSD	102.0	125.0	113.5	16.3	20.26
Hexachloroethane	LCS	LCSD	88.0	93.0	90.5	3.5	5.52
Hexachloroethane	LCS	LCSD	79.0	86.0	82.5	4.9	8.48
Hexachloroethane	LCS	LCSD	83.0	83.0	83.0	0.0	0.00
Hexachloroethane	LCS	LCSD	95.0	91.0	93.0	2.8	4.30
Hexachloroethane	LCS	LCSD	88.0	91.0	89.5	2.1	3.35
Hexachloroethane	LCS	LCSD	89.0	95.0	92.0	4.2	6.52
Hexachloroethane	LCS	LCSD	88.0	93.0	90.5	3.5	5.52
Hexachloroethane	LCS	LCSD	93.0	88.0	90.5	3.5	5.52
Hexachloroethane	LCS	LCSD	94.0	97.0	95.5	2.1	3.14
Hexachloroethane	LCS	LCSD	96.0	94.0	95.0	1.4	2.11
Hexachloroethane	LCS	LCSD	95.0	93.0	94.0	1.4	2.13

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Hexachloroethane	LCS	LCSD	95.0	87.0	91.0	5.7	8.79
Hexachloroethane	LCS	LCSD	93.0	98.0	95.5	3.5	5.24
Hexachloroethane	LCS	LCSD	83.0	92.0	87.5	6.4	10.29
Hexachloroethane	LCS	LCSD	92.0	96.0	94.0	2.8	4.26
Hexachloroethane	LCS	LCSD	86.0	80.0	83.0	4.2	7.23
Hexachloroethane	LCS	LCSD	87.0	93.0	90.0	4.2	6.67
Indeno(1,2,3-cd)pyrene	LCS	LCSD	83.0	81.0	82.0	1.4	2.44
Indeno(1,2,3-cd)pyrene	LCS	LCSD	92.0	106.0	99.0	9.9	14.14
Indeno(1,2,3-cd)pyrene	LCS	LCSD	109.0	95.0	102.0	9.9	13.73
Indeno(1,2,3-cd)pyrene	LCS	LCSD	81.0	87.0	84.0	4.2	7.14
Indeno(1,2,3-cd)pyrene	LCS	LCSD	93.0	94.0	93.5	0.7	1.07
Indeno(1,2,3-cd)pyrene	LCS	LCSD	90.0	92.0	91.0	1.4	2.20
Indeno(1,2,3-cd)pyrene	LCS	LCSD	84.0	102.0	93.0	12.7	19.35
Indeno(1,2,3-cd)pyrene	LCS	LCSD	79.0	84.0	81.5	3.5	6.13
Indeno(1,2,3-cd)pyrene	LCS	LCSD	95.0	99.0	97.0	2.8	4.12
Indeno(1,2,3-cd)pyrene	LCS	LCSD	88.0	91.0	89.5	2.1	3.35
Indeno(1,2,3-cd)pyrene	LCS	LCSD	86.0	87.0	86.5	0.7	1.16
Indeno(1,2,3-cd)pyrene	LCS	LCSD	103.0	102.0	102.5	0.7	0.98
Indeno(1,2,3-cd)pyrene	LCS	LCSD	84.0	102.0	93.0	12.7	19.35
Indeno(1,2,3-cd)pyrene	LCS	LCSD	85.0	82.0	83.5	2.1	3.59
Indeno(1,2,3-cd)pyrene	LCS	LCSD	85.0	89.0	87.0	2.8	4.60
Indeno(1,2,3-cd)pyrene	LCS	LCSD	87.0	94.0	90.5	4.9	7.73
Indeno(1,2,3-cd)pyrene	LCS	LCSD	71.0	72.0	71.5	0.7	1.40
Isophorone	LCS	LCSD	71.0	70.0	70.5	0.7	1.42
Isophorone	LCS	LCSD	71.0	68.0	69.5	2.1	4.32
Isophorone	LCS	LCSD	61.0	63.0	62.0	1.4	3.23
Isophorone	LCS	LCSD	63.0	60.0	61.5	2.1	4.88
Isophorone	LCS	LCSD	69.0	69.0	69.0	0.0	0.00
Isophorone	LCS	LCSD	64.0	62.0	63.0	1.4	3.17
Isophorone	LCS	LCSD	60.0	64.0	62.0	2.8	6.45
Isophorone	LCS	LCSD	59.0	51.0	55.0	5.7	14.55
Isophorone	LCS	LCSD	77.0	82.0	79.5	3.5	6.29
Isophorone	LCS	LCSD	78.0	82.0	80.0	2.8	5.00
Isophorone	LCS	LCSD	55.0	53.0	54.0	1.4	3.70
Isophorone	LCS	LCSD	62.0	65.0	63.5	2.1	4.72

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TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Isophorone	LCS	LCSD	54.0	54.0	54.0	0.0	0.00
Isophorone	LCS	LCSD	69.0	66.0	67.5	2.1	4.44
Isophorone	LCS	LCSD	57.0	63.0	60.0	4.2	10.00
Isophorone	LCS	LCSD	60.0	63.0	61.5	2.1	4.88
Isophorone	LCS	LCSD	60.0	63.0	61.5	2.1	4.88
N-Nitroso-di-n-propylamine	LCS	LCSD	78.0	84.0	81.0	4.2	7.41
N-Nitroso-di-n-propylamine	LCS	LCSD	91.0	97.0	94.0	4.2	6.38
N-Nitroso-di-n-propylamine	LCS	LCSD	104.0	115.0	109.5	7.8	10.05
N-Nitroso-di-n-propylamine	LCS	LCSD	90.0	90.0	90.0	0.0	0.00
N-Nitroso-di-n-propylamine	LCS	LCSD	80.0	77.0	78.5	2.1	3.82
N-Nitroso-di-n-propylamine	LCS	LCSD	92.0	87.0	89.5	3.5	5.59
N-Nitroso-di-n-propylamine	LCS	LCSD	89.0	80.0	84.5	6.4	10.65
N-Nitroso-di-n-propylamine	LCS	LCSD	110.0	115.0	112.5	3.5	4.44
N-Nitroso-di-n-propylamine	LCS	LCSD	81.0	88.0	84.5	4.9	8.28
N-Nitroso-di-n-propylamine	LCS	LCSD	85.0	86.0	85.5	0.7	1.17
N-Nitroso-di-n-propylamine	LCS	LCSD	74.0	75.0	74.5	0.7	1.34
N-Nitroso-di-n-propylamine	LCS	LCSD	85.0	82.0	83.5	2.1	3.59
N-Nitroso-di-n-propylamine	LCS	LCSD	93.0	94.0	93.5	0.7	1.07
N-Nitroso-di-n-propylamine	LCS	LCSD	83.0	86.0	84.5	2.1	3.55
N-Nitroso-di-n-propylamine	LCS	LCSD	84.0	88.0	86.0	2.8	4.65
N-Nitroso-di-n-propylamine	LCS	LCSD	94.0	96.0	95.0	1.4	2.11
N-Nitroso-di-n-propylamine	LCS	LCSD	83.0	86.0	84.5	2.1	3.55
Naphthalene	LCS	LCSD	89.0	95.0	92.0	4.2	6.52
Naphthalene	LCS	LCSD	91.0	96.0	93.5	3.5	5.35
Naphthalene	LCS	LCSD	89.0	87.0	88.0	1.4	2.27
Naphthalene	LCS	LCSD	97.0	95.0	96.0	1.4	2.08
Naphthalene	LCS	LCSD	91.0	95.0	93.0	2.8	4.30
Naphthalene	LCS	LCSD	88.0	93.0	90.5	3.5	5.52
Naphthalene	LCS	LCSD	93.0	98.0	95.5	3.5	5.24
Naphthalene	LCS	LCSD	83.0	84.0	83.5	0.7	1.20
Naphthalene	LCS	LCSD	97.0	91.0	94.0	4.2	6.38
Naphthalene	LCS	LCSD	81.0	85.0	83.0	2.8	4.82
Naphthalene	LCS	LCSD	89.0	102.0	95.5	9.2	13.61
Naphthalene	LCS	LCSD	99.0	97.0	98.0	1.4	2.04
Naphthalene	LCS	LCSD	89.0	95.0	92.0	4.2	6.52

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Naphthalene	LCS	LCSD	91.0	76.0	83.5	10.6	17.96
Naphthalene	LCS	LCSD	95.0	94.0	94.5	0.7	1.06
Naphthalene	LCS	LCSD	98.0	93.0	95.5	3.5	5.24
Naphthalene	LCS	LCSD	100.0	94.0	97.0	4.2	6.19
Nitrobenzene	LCS	LCSD	91.0	96.0	93.5	3.5	5.35
Nitrobenzene	LCS	LCSD	90.0	78.0	84.0	8.5	14.29
Nitrobenzene	LCS	LCSD	103.0	99.0	101.0	2.8	3.96
Nitrobenzene	LCS	LCSD	106.0	108.0	107.0	1.4	1.87
Nitrobenzene	LCS	LCSD	89.0	95.0	92.0	4.2	6.52
Nitrobenzene	LCS	LCSD	91.0	96.0	93.5	3.5	5.35
Nitrobenzene	LCS	LCSD	88.0	95.0	91.5	4.9	7.65
Nitrobenzene	LCS	LCSD	97.0	92.0	94.5	3.5	5.29
Nitrobenzene	LCS	LCSD	93.0	92.0	92.5	0.7	1.08
Nitrobenzene	LCS	LCSD	103.0	107.0	105.0	2.8	3.81
Nitrobenzene	LCS	LCSD	97.0	94.0	95.5	2.1	3.14
Nitrobenzene	LCS	LCSD	97.0	93.0	95.0	2.8	4.21
Nitrobenzene	LCS	LCSD	82.0	83.0	82.5	0.7	1.21
Nitrobenzene	LCS	LCSD	92.0	97.0	94.5	3.5	5.29
Nitrobenzene	LCS	LCSD	93.0	100.0	96.5	4.9	7.25
Nitrobenzene	LCS	LCSD	97.0	91.0	94.0	4.2	6.38
Pentachlorophenol	LCS	LCSD	78.0	80.0	79.0	1.4	2.53
Pentachlorophenol	LCS	LCSD	69.0	63.0	66.0	4.2	9.09
Pentachlorophenol	LCS	LCSD	81.0	90.0	85.5	6.4	10.53
Pentachlorophenol	LCS	LCSD	82.0	84.0	83.0	1.4	2.41
Pentachlorophenol	LCS	LCSD	74.0	68.0	71.0	4.2	8.45
Pentachlorophenol	LCS	LCSD	87.0	92.0	89.5	3.5	5.59
Pentachlorophenol	LCS	LCSD	86.0	89.0	87.5	2.1	3.43
Pentachlorophenol	LCS	LCSD	64.0	65.0	64.5	0.7	1.55
Pentachlorophenol	LCS	LCSD	85.0	88.0	86.5	2.1	3.47
Pentachlorophenol	LCS	LCSD	64.0	64.0	64.0	0.0	0.00
Pentachlorophenol	LCS	LCSD	81.0	90.0	85.5	6.4	10.53
Pentachlorophenol	LCS	LCSD	91.0	88.0	89.5	2.1	3.35
Pentachlorophenol	LCS	LCSD	65.0	64.0	64.5	0.7	1.55
Pentachlorophenol	LCS	LCSD	66.0	66.0	66.0	0.0	0.00
Pentachlorophenol	LCS	LCSD	73.0	73.0	73.0	0.0	0.00

Compiled: 10 May 1994

NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Pentachlorophenol	LCS	LCSD	90.0	85.0	87.5	3.5	5.71
Pentachlorophenol	LCS	LCSD	82.0	87.0	84.5	3.5	5.92
Pentachlorophenol	LCS	LCSD	83.0	93.0	88.0	7.1	11.36
Phenanthrene	LCS	LCSD	88.0	91.0	89.5	2.1	3.35
Phenanthrene	LCS	LCSD	82.0	78.0	80.0	2.8	5.00
Phenanthrene	LCS	LCSD	85.0	89.0	87.0	2.8	4.60
Phenanthrene	LCS	LCSD	85.0	86.0	85.5	0.7	1.17
Phenanthrene	LCS	LCSD	77.0	75.0	76.0	1.4	2.63
Phenanthrene	LCS	LCSD	99.0	93.0	96.0	4.2	6.25
Phenanthrene	LCS	LCSD	88.0	90.0	89.0	1.4	2.25
Phenanthrene	LCS	LCSD	83.0	81.0	82.0	1.4	2.44
Phenanthrene	LCS	LCSD	89.0	86.0	87.5	2.1	3.43
Phenanthrene	LCS	LCSD	85.0	89.0	87.0	2.8	4.60
Phenanthrene	LCS	LCSD	85.0	90.0	87.5	3.5	5.71
Phenanthrene	LCS	LCSD	91.0	90.0	90.5	0.7	1.10
Phenanthrene	LCS	LCSD	93.0	94.0	93.5	0.7	1.07
Phenanthrene	LCS	LCSD	81.0	84.0	82.5	2.1	3.64
Phenanthrene	LCS	LCSD	94.0	94.0	94.0	0.0	0.00
Phenanthrene	LCS	LCSD	88.0	92.0	90.0	2.8	4.44
Phenanthrene	LCS	LCSD	96.0	94.0	95.0	1.4	2.11
Phenol	LCS	LCSD	48.0	48.0	48.0	0.0	0.00
Phenol	LCS	LCSD	44.0	41.0	42.5	2.1	7.06
Phenol	LCS	LCSD	47.0	43.0	45.0	2.8	8.89
Phenol	LCS	LCSD	54.0	53.0	53.5	0.7	1.87
Phenol	LCS	LCSD	48.0	49.0	48.5	0.7	2.06
Phenol	LCS	LCSD	41.0	42.0	41.5	0.7	2.41
Phenol	LCS	LCSD	45.0	47.0	46.0	1.4	4.35
Phenol	LCS	LCSD	52.0	51.0	51.5	0.7	1.94
Phenol	LCS	LCSD	45.0	49.0	47.0	2.8	8.51
Phenol	LCS	LCSD	45.0	52.0	48.5	4.9	14.43
Phenol	LCS	LCSD	45.0	40.0	42.5	3.5	11.76
Phenol	LCS	LCSD	45.0	48.0	46.5	2.1	6.45
Phenol	LCS	LCSD	45.0	52.0	48.5	4.9	14.43
Phenol	LCS	LCSD	46.0	45.0	45.5	0.7	2.20
Phenol	LCS	LCSD	41.0	50.0	45.5	6.4	19.78

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Phenol	LCS	LCSD	42.0	36.0	39.0	4.2	15.38
Phenol	LCS	LCSD	39.0	42.0	40.5	2.1	7.41
Pyrene	LCS	LCSD	99.0	100.0	99.5	0.7	1.01
Pyrene	LCS	LCSD	101.0	103.0	102.0	1.4	1.96
Pyrene	LCS	LCSD	88.0	85.0	86.5	2.1	3.47
Pyrene	LCS	LCSD	91.0	90.0	90.5	0.7	1.10
Pyrene	LCS	LCSD	92.0	95.0	93.5	2.1	3.21
Pyrene	LCS	LCSD	89.0	80.0	84.5	6.4	10.65
Pyrene	LCS	LCSD	90.0	92.0	91.0	1.4	2.20
Pyrene	LCS	LCSD	82.0	89.0	85.5	4.9	8.19
Pyrene	LCS	LCSD	82.0	89.0	85.5	4.9	8.19
Pyrene	LCS	LCSD	82.0	85.0	83.5	2.1	3.59
Pyrene	LCS	LCSD	97.0	99.0	98.0	1.4	2.04
Pyrene	LCS	LCSD	87.0	90.0	88.5	2.1	3.39
Pyrene	LCS	LCSD	103.0	102.0	102.5	0.7	0.98
Pyrene	LCS	LCSD	89.0	92.0	90.5	2.1	3.31
Pyrene	LCS	LCSD	91.0	87.0	89.0	2.8	4.49
Pyrene	LCS	LCSD	87.0	93.0	90.0	4.2	6.67
Pyrene	LCS	LCSD	96.0	95.0	95.5	0.7	1.05
bis(2-Chloroethoxy)methane	LCS	LCSD	95.0	96.0	95.5	0.7	1.05
bis(2-Chloroethoxy)methane	LCS	LCSD	85.0	90.0	87.5	3.5	5.71
bis(2-Chloroethoxy)methane	LCS	LCSD	77.0	77.0	77.0	0.0	0.00
bis(2-Chloroethoxy)methane	LCS	LCSD	93.0	100.0	96.5	4.9	7.25
bis(2-Chloroethoxy)methane	LCS	LCSD	100.0	96.0	98.0	2.8	4.08
bis(2-Chloroethoxy)methane	LCS	LCSD	85.0	90.0	87.5	3.5	5.71
bis(2-Chloroethoxy)methane	LCS	LCSD	82.0	82.0	82.0	0.0	0.00
bis(2-Chloroethoxy)methane	LCS	LCSD	82.0	89.0	85.5	4.9	8.19
bis(2-Chloroethoxy)methane	LCS	LCSD	91.0	85.0	88.0	4.2	6.82
bis(2-Chloroethoxy)methane	LCS	LCSD	101.0	105.0	103.0	2.8	3.88
bis(2-Chloroethoxy)methane	LCS	LCSD	85.0	89.0	87.0	2.8	4.60
bis(2-Chloroethoxy)methane	LCS	LCSD	97.0	94.0	95.5	2.1	3.14
bis(2-Chloroethoxy)methane	LCS	LCSD	91.0	80.0	85.5	7.8	12.87
bis(2-Chloroethoxy)methane	LCS	LCSD	99.0	97.0	98.0	1.4	2.04
bis(2-Chloroethoxy)methane	LCS	LCSD	86.0	89.0	87.5	2.1	3.43
bis(2-Chloroethoxy)methane	LCS	LCSD	91.0	87.0	89.0	2.8	4.49

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
bis(2-Chloroethoxy)methane	LCS	LCSD	102.0	108.0	105.0	4.2	5.71
bis(2-Chloroethyl)ether	LCS	LCSD	92.0	92.0	92.0	0.0	0.00
bis(2-Chloroethyl)ether	LCS	LCSD	89.0	87.0	88.0	1.4	2.27
bis(2-Chloroethyl)ether	LCS	LCSD	82.0	87.0	84.5	3.5	5.92
bis(2-Chloroethyl)ether	LCS	LCSD	91.0	93.0	92.0	1.4	2.17
bis(2-Chloroethyl)ether	LCS	LCSD	80.0	78.0	79.0	1.4	2.53
bis(2-Chloroethyl)ether	LCS	LCSD	89.0	90.0	89.5	0.7	1.12
bis(2-Chloroethyl)ether	LCS	LCSD	77.0	79.0	78.0	1.4	2.56
bis(2-Chloroethyl)ether	LCS	LCSD	73.0	67.0	70.0	4.2	8.57
bis(2-Chloroethyl)ether	LCS	LCSD	67.0	69.0	68.0	1.4	2.94
bis(2-Chloroethyl)ether	LCS	LCSD	79.0	83.0	81.0	2.8	4.94
bis(2-Chloroethyl)ether	LCS	LCSD	84.0	94.0	89.0	7.1	11.24
bis(2-Chloroethyl)ether	LCS	LCSD	83.0	88.0	85.5	3.5	5.85
bis(2-Chloroethyl)ether	LCS	LCSD	92.0	88.0	90.0	2.8	4.44
bis(2-Chloroethyl)ether	LCS	LCSD	80.0	79.0	79.5	0.7	1.26
bis(2-Chloroethyl)ether	LCS	LCSD	94.0	91.0	92.5	2.1	3.24
bis(2-Chloroethyl)ether	LCS	LCSD	82.0	87.0	84.5	3.5	5.92
bis(2-Chloroethyl)ether	LCS	LCSD	88.0	86.0	87.0	1.4	2.30
bis(2-Chloroisopropyl)ether	LCS	LCSD	85.0	88.0	86.5	2.1	3.47
bis(2-Chloroisopropyl)ether	LCS	LCSD	65.0	68.0	66.5	2.1	4.51
bis(2-Chloroisopropyl)ether	LCS	LCSD	100.0	114.0	107.0	9.9	13.08
bis(2-Chloroisopropyl)ether	LCS	LCSD	104.0	101.0	102.5	2.1	2.93
bis(2-Chloroisopropyl)ether	LCS	LCSD	101.0	98.0	99.5	2.1	3.02
bis(2-Chloroisopropyl)ether	LCS	LCSD	88.0	84.0	86.0	2.8	4.65
bis(2-Chloroisopropyl)ether	LCS	LCSD	85.0	88.0	86.5	2.1	3.47
bis(2-Chloroisopropyl)ether	LCS	LCSD	91.0	97.0	94.0	4.2	6.38
bis(2-Chloroisopropyl)ether	LCS	LCSD	100.0	98.0	99.0	1.4	2.02
bis(2-Chloroisopropyl)ether	LCS	LCSD	84.0	90.0	87.0	4.2	6.90
bis(2-Chloroisopropyl)ether	LCS	LCSD	78.0	69.0	73.5	6.4	12.24
bis(2-Chloroisopropyl)ether	LCS	LCSD	78.0	76.0	77.0	1.4	2.60
bis(2-Chloroisopropyl)ether	LCS	LCSD	95.0	89.0	92.0	4.2	6.52
bis(2-Chloroisopropyl)ether	LCS	LCSD	78.0	83.0	80.5	3.5	6.21
bis(2-Chloroisopropyl)ether	LCS	LCSD	88.0	90.0	89.0	1.4	2.25
bis(2-Chloroisopropyl)ether	LCS	LCSD	122.0	135.0	128.5	9.2	10.12
bis(2-Chloroisopropyl)ether	LCS	LCSD	86.0	87.0	86.5	0.7	1.16

TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
bis(2-Ethylhexyl)phthalate	LCS	LCSD	98.0	101.0	99.5	2.1	3.02
bis(2-Ethylhexyl)phthalate	LCS	LCSD	83.0	83.0	83.0	0.0	0.00
bis(2-Ethylhexyl)phthalate	LCS	LCSD	93.0	95.0	94.0	1.4	2.13
bis(2-Ethylhexyl)phthalate	LCS	LCSD	97.0	100.0	98.5	2.1	3.05
bis(2-Ethylhexyl)phthalate	LCS	LCSD	93.0	95.0	94.0	1.4	2.13
bis(2-Ethylhexyl)phthalate	LCS	LCSD	86.0	84.0	85.0	1.4	2.35
bis(2-Ethylhexyl)phthalate	LCS	LCSD	88.0	92.0	90.0	2.8	4.44
bis(2-Ethylhexyl)phthalate	LCS	LCSD	89.0	80.0	84.5	6.4	10.65
bis(2-Ethylhexyl)phthalate	LCS	LCSD	103.0	98.0	100.5	3.5	4.98
bis(2-Ethylhexyl)phthalate	LCS	LCSD	95.0	97.0	96.0	1.4	2.08
bis(2-Ethylhexyl)phthalate	LCS	LCSD	92.0	97.0	94.5	3.5	5.29
bis(2-Ethylhexyl)phthalate	LCS	LCSD	83.0	92.0	87.5	6.4	10.29
bis(2-Ethylhexyl)phthalate	LCS	LCSD	86.0	90.0	88.0	2.8	4.55
bis(2-Ethylhexyl)phthalate	LCS	LCSD	104.0	104.0	104.0	0.0	0.00
bis(2-Ethylhexyl)phthalate	LCS	LCSD	108.0	106.0	107.0	1.4	1.87
bis(2-Ethylhexyl)phthalate	LCS	LCSD	100.0	104.0	102.0	2.8	3.92
bis(2-Ethylhexyl)phthalate	LCS	LCSD	99.0	100.0	99.5	0.7	1.01
Type = Matrix Spike Duplicate (ug/L)							
1,2,4-Trichlorobenzene	06-MW-07-01 MS	06-MW-07-01 MSD	91.0	90.0	90.5	0.7	1.10
1,2,4-Trichlorobenzene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	84.0	84.0	84.0	0.0	0.00
1,2,4-Trichlorobenzene	08-SW-01-DS-01	08-SW-01-DS-01	86.0	87.0	86.5	0.7	1.16
1,2,4-Trichlorobenzene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	84.0	84.0	84.0	0.0	0.00
1,4-Dichlorobenzene	06-MW-07-01 MS	06-MW-07-01 MSD	82.0	80.0	81.0	1.4	2.47
1,4-Dichlorobenzene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	73.0	74.0	73.5	0.7	1.36
1,4-Dichlorobenzene	08-SW-01-DS-01	08-SW-01-DS-01	80.0	82.0	81.0	1.4	2.47
1,4-Dichlorobenzene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	75.0	74.0	74.5	0.7	1.34
2,4-Dinitrotoluene	06-MW-07-01 MS	06-MW-07-01 MSD	80.0	77.0	78.5	2.1	3.82
2,4-Dinitrotoluene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	79.0	82.0	80.5	2.1	3.73
2,4-Dinitrotoluene	08-SW-01-DS-01	08-SW-01-DS-01	75.0	75.0	75.0	0.0	0.00
2,4-Dinitrotoluene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	84.0	81.0	82.5	2.1	3.64
2-Chlorophenol	06-MW-07-01 MS	06-MW-07-01 MSD	81.0	79.0	80.0	1.4	2.50
2-Chlorophenol	07-MW-02-DS-03 M	07-MW-02-DS-03 M	75.0	77.0	76.0	1.4	2.63
2-Chlorophenol	08-SW-01-DS-01	08-SW-01-DS-01	79.0	78.0	78.5	0.7	1.27

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
2-Chlorophenol	12-MW-02-DS-03 M	12-MW-02-DS-03 M	80.0	78.0	79.0	1.4	2.53
4-Chloro-3-methylphenol	06-MW-07-01 MS	06-MW-07-01 MSD	82.0	84.0	83.0	1.4	2.41
4-Chloro-3-methylphenol	07-MW-02-DS-03 M	07-MW-02-DS-03 M	82.0	86.0	84.0	2.8	4.76
4-Chloro-3-methylphenol	08-SW-01-DS-01	08-SW-01-DS-01	82.0	80.0	81.0	1.4	2.47
4-Chloro-3-methylphenol	12-MW-02-DS-03 M	12-MW-02-DS-03 M	87.0	87.0	87.0	0.0	0.00
4-Nitrophenol	06-MW-07-01 MS	06-MW-07-01 MSD	33.0	29.0	31.0	2.8	12.90
4-Nitrophenol	07-MW-02-DS-03 M	07-MW-02-DS-03 M	59.0	59.0	59.0	0.0	0.00
4-Nitrophenol	08-SW-01-DS-01	08-SW-01-DS-01	29.0	30.0	29.5	0.7	3.39
4-Nitrophenol	12-MW-02-DS-03 M	12-MW-02-DS-03 M	52.0	50.0	51.0	1.4	3.92
Acenaphthene	06-MW-07-01 MS	06-MW-07-01 MSD	77.0	76.0	76.5	0.7	1.31
Acenaphthene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	79.0	81.0	80.0	1.4	2.50
Acenaphthene	08-SW-01-DS-01	08-SW-01-DS-01	82.0	86.0	84.0	2.8	4.76
Acenaphthene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	83.0	82.0	82.5	0.7	1.21
N-Nitroso-di-n-propylamine	06-MW-07-01 MS	06-MW-07-01 MSD	95.0	96.0	95.5	0.7	1.05
N-Nitroso-di-n-propylamine	07-MW-02-DS-03 M	07-MW-02-DS-03 M	72.0	74.0	73.0	1.4	2.74
N-Nitroso-di-n-propylamine	08-SW-01-DS-01	08-SW-01-DS-01	81.0	82.0	81.5	0.7	1.23
N-Nitroso-di-n-propylamine	12-MW-02-DS-03 M	12-MW-02-DS-03 M	74.0	75.0	74.5	0.7	1.34
Pentachlorophenol	06-MW-07-01 MS	06-MW-07-01 MSD	74.0	73.0	73.5	0.7	1.36
Pentachlorophenol	07-MW-02-DS-03 M	07-MW-02-DS-03 M	78.0	81.0	79.5	2.1	3.77
Pentachlorophenol	08-SW-01-DS-01	08-SW-01-DS-01	70.0	70.0	70.0	0.0	0.00
Pentachlorophenol	12-MW-02-DS-03 M	12-MW-02-DS-03 M	75.0	75.0	75.0	0.0	0.00
Pyrene	06-MW-07-01 MS	06-MW-07-01 MSD	77.0	76.0	76.5	0.7	1.31
Pyrene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	80.0	81.0	80.5	0.7	1.24
Pyrene	08-SW-01-DS-01	08-SW-01-DS-01	92.0	93.0	92.5	0.7	1.08
Pyrene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	87.0	87.0	87.0	0.0	0.00
Method = SW8310 - Polynuclear Aromatic Hydrocarbons							
Type = Analytical Dup (ug/L)							
Acenaphthene	04-MW-03-03	04-MW-03-03	< 0.60 (J)	< 0.60 (J)	NC	NC	NC
Benzo(a)pyrene	04-MW-03-03	04-MW-03-03	0.0043 (B)	< 0.0036	NC	NC	NC
Dibenz(a,h)anthracene	04-MW-03-03	04-MW-03-03	< 0.0085 (J)	< 0.0085 (J)	NC	NC	NC
Indeno(1,2,3-cd)pyrene	04-MW-03-03	04-MW-03-03	< 0.0037	0.0040 (B)	NC	NC	NC

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TABLE B-9

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Type = Field Duplicate (ug/L)							
Acenaphthene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Acenaphthylene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Anthracene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Benzo(a)anthracene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Benzo(a)pyrene	12-MW-02-03	12-MW-02-DS-03	ND	0.0084 (JB)	NC	NC	NC
Benzo(b)fluoranthene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Benzo(g,h,i)perylene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Benzo(k)fluoranthene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Chrysene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Dibenz(a,h)anthracene	12-MW-02-03	12-MW-02-DS-03	ND	< 0.0085 (J)	NC	NC	NC
Fluoranthene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Fluorene	12-MW-02-03	12-MW-02-DS-03	< 0.084 (J)	ND	NC	NC	NC
Indeno(1,2,3-cd)pyrene	12-MW-02-03	12-MW-02-DS-03	ND	0.019 (B)	NC	NC	NC
Naphthalene	12-MW-02-03	12-MW-02-DS-03	ND	< 0.55 (J)	NC	NC	NC
Phenanthrene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Pyrene	12-MW-02-03	12-MW-02-DS-03	ND	ND	NC	NC	NC
Type = Laboratory Control Duplicate (ug/L)							
Acenaphthene	LCS931182 #LS KE	LCSD931182 #LS K	144.0	125.0	134.5	13.4	14.13
Acenaphthene	LCS 931403 #LS K	LCSD931403 #LS K	75.0	116.0	95.5	29.0	42.93
Acenaphthylene	LCS93970 #LS KE_	DOC 2 LCSD93970	111.0	104.0	107.5	4.9	6.51
Acenaphthylene	LCS931182 #LS KE	LCSD931182 #LS K	128.0	113.0	120.5	10.6	12.45
Acenaphthylene	LCS 931403 #LS K	LCSD931403 #LS K	63.0	94.0	78.5	21.9	39.49
Anthracene	LCS931182 #LS KE	LCSD931182 #LS K	122.0	110.0	116.0	8.5	10.34
Anthracene	LCS 931403 #LS K	LCSD931403 #LS K	89.0	89.0	89.0	0.0	0.00
Benzo(a)anthracene	LCS931182 #LS KE	LCSD931182 #LS K	121.0	111.0	116.0	7.1	8.62
Benzo(a)anthracene	LCS 931403 #LS K	LCSD931403 #LS K	108.0	114.0	111.0	4.2	5.41
Benzo(a)pyrene	LCS931182 #LS KE	LCSD931182 #LS K	126.0	115.0	120.5	7.8	9.13
Benzo(a)pyrene	LCS 931403 #LS K	LCSD931403 #LS K	107.0	97.0	102.0	7.1	9.80
Benzo(b)fluoranthene	LCS931182 #LS KE	LCSD931182 #LS K	124.0	114.0	119.0	7.1	8.40
Benzo(b)fluoranthene	LCS 931403 #LS K	LCSD931403 #LS K	126.0	125.0	125.5	0.7	0.80
Benzo(g,h,i)perylene	LCS931182 #LS KE	LCSD931182 #LS K	121.0	111.0	116.0	7.1	8.62

Compiled: 10 May 1994 NC = Not Calculable ND = Not Detected () = Data Flag

TABLE B-9 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Benzo(g,h,i)perylene	LCS 931403 #LS K	LCSD931403 #LS K	106.0	119.0	112.5	9.2	11.56
Benzo(k)fluoranthene	LCS931182 #LS KE	LCSD931182 #LS K	129.0	118.0	123.5	7.8	8.91
Benzo(k)fluoranthene	LCS 931403 #LS K	LCSD931403 #LS K	114.0	127.0	120.5	9.2	10.79
Chrysene	LCS931182 #LS KE	LCSD931182 #LS K	112.0	104.0	108.0	5.7	7.41
Chrysene	LCS 931403 #LS K	LCSD931403 #LS K	107.0	116.0	111.5	6.4	8.07
Dibenz(a,h)anthracene	LCS931182 #LS KE	LCSD931182 #LS K	128.0	116.0	122.0	8.5	9.84
Dibenz(a,h)anthracene	LCS 931403 #LS K	LCSD931403 #LS K	114.0	120.0	117.0	4.2	5.13
Fluoranthene	LCS931182 #LS KE	LCSD931182 #LS K	136.0	118.0	127.0	12.7	14.17
Fluoranthene	LCS 931403 #LS K	LCSD931403 #LS K	115.0	118.0	116.5	2.1	2.58
Fluorene	LCS93970 #LS KE_	DOC 2 LCSD93970	112.0	110.0	111.0	1.4	1.80
Fluorene	LCS931182 #LS KE	LCSD931182 #LS K	136.0	115.0	125.5	14.8	16.73
Fluorene	LCS 931403 #LS K	LCSD931403 #LS K	77.0	109.0	93.0	22.6	34.41
Indeno(1,2,3-cd)pyrene	LCS93970 #LS KE_	DOC 2 LCSD93970	115.0	109.0	112.0	4.2	5.36
Indeno(1,2,3-cd)pyrene	LCS931182 #LS KE	LCSD931182 #LS K	154.0	145.0	149.5	6.4	6.02
Indeno(1,2,3-cd)pyrene	LCS 931403 #LS K	LCSD931403 #LS K	112.0	138.0	125.0	18.4	20.80
Naphthalene	LCS93970 #LS KE_	DOC 2 LCSD93970	110.0	106.0	108.0	2.8	3.70
Naphthalene	LCS931182 #LS KE	LCSD931182 #LS K	142.0	115.0	128.5	19.1	21.01
Naphthalene	LCS 931403 #LS K	LCSD931403 #LS K	65.0	95.0	80.0	21.2	37.50
Phenanthrene	LCS931182 #LS KE	LCSD931182 #LS K	128.0	108.0	118.0	14.1	16.95
Phenanthrene	LCS 931403 #LS K	LCSD931403 #LS K	97.0	99.0	98.0	1.4	2.04
Pyrene	LCS931182 #LS KE	LCSD931182 #LS K	134.0	118.0	126.0	11.3	12.70
Pyrene	LCS 931403 #LS K	LCSD931403 #LS K	113.0	119.0	116.0	4.2	5.17

ATTACHMENT B - APPENDIX B

Table B-10

Date and Batch Summary - 1993 Water Samples

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 01-MW-01-03 N								
Diesel Range Organics	88964	METHOD	88964		6/13/93	6/21/93		6/21/93
E120.1 - Specific Conductance	G1-A-0-6/13/93	NONE			6/13/93			6/13/93
E150.1 - pH,Electrometric	G1-A-1-6/13/93	NONE			6/13/93			6/13/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306161600	NONE			6/13/93	6/16/93		6/16/93
E170.1 - Temperature	G1-A-2-6/13/93	NONE			6/13/93			6/13/93
E180.1 - Turbidity	G1-A-3-6/13/93	NONE			6/13/93			6/13/93
Gasoline Range Organics	88964	METHOD	88964		6/13/93	6/22/93		6/22/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930621170000		6/13/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3__306300800	GFAA Digestion	GDIG930623160000		6/13/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2__306251600	GFAA Digestion	GDIG930623160000		6/13/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ3__306242300	NONE			6/13/93	6/24/93		6/24/93
SW7470 - Mercury	AAZ4__306242300	NONE			6/13/93	6/24/93		6/24/93
SW7740 - Selenium	AAZ4__307090859	GFAA Digestion	GDIG930623160000		6/13/93	6/23/93		7/9/93
SW8010 - Halogenated Volatile Organics	GCQUE1306231533	METHOD			6/13/93			6/24/93
SW8010 - Halogenated Volatile Organics	GCTEX1306230530	METHOD			6/13/93			6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/13/93	6/18/93		6/18/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/13/93	6/18/93		6/18/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/13/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/13/93			6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7A306231200	Set Funnel extraction	3510930616155500		6/13/93	6/16/93		6/24/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7B306231200	Set Funnel extraction	3510930616155500		6/13/93	6/18/93		6/24/93
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCCE306291200	SW3520 - Liquid/liquid	3520930616154500		6/13/93	6/16/93		6/29/93
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCCF306291200	SW3520 - Liquid/liquid	3520930616154500		6/13/93	6/16/93		6/29/93
Sample ID : 01-MW-02-03 N								
A403 - Alkalinity	G1-A-0-6/13/93	NONE			6/13/93			6/13/93
Diesel Range Organics	88964	METHOD	88964		6/13/93	6/21/93		6/21/93
E120.1 - Specific Conductance	G1-A-0-6/13/93	NONE			6/13/93			6/13/93
E150.1 - pH,Electrometric	G1-A-1-6/13/93	NONE			6/13/93			6/13/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306161600	NONE			6/13/93	6/16/93		6/16/93
E170.1 - Temperature	G1-A-2-6/13/93	NONE			6/13/93			6/13/93
E180.1 - Turbidity	G1-A-3-6/13/93	NONE			6/13/93			6/13/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Gasoline Range Organics	88964	METHOD	88964		6/13/93	6/21/93		6/21/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930621170000		6/13/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3__306300800	GFAA Digestion	GDIG930623160000		6/13/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2__306251600	GFAA Digestion	GDIG930623160000		6/13/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ3__306242300	NONE			6/13/93	6/24/93		6/24/93
SW7470 - Mercury	AAZ4__306242300	NONE			6/13/93	6/24/93		6/24/93
SW7740 - Selenium	AAZ4__307081152	GFAA Digestion	GDIG930623160000		6/13/93	6/23/93		7/8/93
SW8010 - Halogenated Volatile Organics	GCQUE1306231533	METHOD			6/13/93			6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/13/93	6/18/93		6/18/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/13/93	6/18/93		6/18/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/13/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/13/93			6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7A306231200	Set Funnel extraction	3510930616155500		6/13/93	6/16/93		6/24/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7B306231200	Set Funnel extraction	3510930616155500		6/13/93	6/18/93		6/24/93
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCCE306291200	SW3520 - Liquid/liquid	3520930616154500		6/13/93	6/16/93		6/29/93
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCCF306291200	SW3520 - Liquid/liquid	3520930616154500		6/13/93	6/16/93		6/29/93
Sample ID : 01-MW-07-01 N								
A403 - Alkalinity	G1-A-0-9/15/93	NONE			9/15/93			9/15/93
Diesel Range Organics	90018	METHOD	90018		9/15/93	9/22/93		9/23/93
E120.1 - Specific Conductance	G1-A-3-9/15/93	NONE			9/15/93			9/15/93
E150.1 - pH,Electrometric	G1-A-2-9/15/93	NONE			9/15/93			9/15/93
E160.1 - Residue, Filterable (TDS)	WLTDS_309200800	NONE			9/15/93	9/20/93		9/20/93
E160.2 - Residue, Non-Filterable	WLTSS_309200800	NONE			9/15/93	9/20/93		9/20/93
E170.1 - Temperature	G1-A-1-9/15/93	NONE			9/15/93			9/15/93
E300 - Anions	WLICXC309251400	NONE			9/15/93			9/25/93
E300 - Anions	WLICXS309251300	NONE			9/15/93			9/25/93
E353.1 - Nitrate-Nitrite	WLTRAC310111600	NONE			9/15/93			10/11/93
Gasoline Range Organics	90018	METHOD	90018		9/15/93	9/24/93		9/24/93
SW6010 - Metals	EMJA61309240100	ICP Digestion	IDIG930921081500		9/15/93	9/21/93		9/24/93
SW7060 - Arsenic	AAZ3__309290855	GFAA Digestion	GDIG930921080000		9/15/93	9/21/93		9/29/93
SW7421 - Lead	AAZ1__309281100	GFAA Digestion	GDIG930921080000		9/15/93	9/21/93		9/28/93
SW7470 - Mercury	AAZ4__309232100	NONE			9/15/93	9/23/93		9/23/93
SW7740 - Selenium	AAZ3__310071045	GFAA Digestion	GDIG930921080000		9/15/93	9/21/93		10/7/93
SW8010 - Halogenated Volatile Organics	GCPEA1309241313	METHOD			9/15/93			9/24/93

Compiled: 21 A[redacted]1994 N = Normal Sample MS = Matrix Spike MSD = M[redacted] Spike Duplicate FD = Field Duplicate

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8010 - Halogenated Volatile Organics	GCQUE1309221453	METHOD			9/15/93			9/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/15/93	9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/15/93	9/24/93		9/24/93
SW8020 - Aromatic Volatile Organics	GCQUE2309221453	NONE			9/15/93			9/23/93
Sample ID : 01-MW-08-01 MS								
SW8010 - Halogenated Volatile Organics	GCPEA1309241313	METHOD			9/15/93			9/24/93
SW8020 - Aromatic Volatile Organics	GCPEA2309241313	NONE			9/15/93			9/24/93
Sample ID : 01-MW-08-01 MSD								
SW8010 - Halogenated Volatile Organics	GCPEA1309241313	METHOD			9/15/93			9/24/93
SW8020 - Aromatic Volatile Organics	GCPEA2309241313	NONE			9/15/93			9/24/93
Sample ID : 01-MW-08-01 N								
A403 - Alkalinity	G1-A-0-9/15/93	NONE			9/15/93			9/15/93
Diesel Range Organics	90018	METHOD	90018		9/15/93	9/22/93		9/23/93
E120.1 - Specific Conductance	G1-A-3-9/15/93	NONE			9/15/93			9/15/93
E150.1 - pH,Electrometric	G1-A-2-9/15/93	NONE			9/15/93			9/15/93
E160.1 - Residue, Filterable (TDS)	WLTDS_309200800	NONE			9/15/93	9/20/93		9/20/93
E160.2 - Residue, Non-Filterable	WLTSS_309200800	NONE			9/15/93	9/20/93		9/20/93
E170.1 - Temperature	G1-A-1-9/15/93	NONE			9/15/93			9/15/93
E300 - Anions	WLICXC309251400	NONE			9/15/93			9/25/93
E300 - Anions	WLICXS309251300	NONE			9/15/93			9/25/93
E353.1 - Nitrate-Nitrite	WLTRAC310111600	NONE			9/15/93			10/11/93
Gasoline Range Organics	90018	METHOD	90018		9/15/93	9/24/93		9/24/93
SW6010 - Metals	EMJA61309240100	ICP Digestion	IDIG930921081500		9/15/93	9/21/93		9/24/93
SW7060 - Arsenic	AAZ3__309290855	GFAA Digestion	GDIG930921080000		9/15/93	9/21/93		9/29/93
SW7421 - Lead	AAZ1__309281100	GFAA Digestion	GDIG930921080000		9/15/93	9/21/93		9/28/93
SW7470 - Mercury	AAZ4__309232100	NONE			9/15/93	9/23/93		9/23/93
SW7740 - Selenium	AAZ3__310071045	GFAA Digestion	GDIG930921080000		9/15/93	9/21/93		10/7/93
SW8010 - Halogenated Volatile Organics	GCPEA1309241313	METHOD			9/15/93			9/24/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8010 - Halogenated Volatile Organics	GCQUE1309221453	METHOD			9/15/93			9/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/15/93	9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/15/93	9/24/93		9/24/93
SW8020 - Aromatic Volatile Organics	GCPEA2309241313	NONE			9/15/93			9/24/93
SW8020 - Aromatic Volatile Organics	GCQUE2309221453	NONE			9/15/93			9/23/93
Sample ID : 01-MW-08-01 ND								
E160.2 - Residue, Non-Filterable	WLTSS_309200800	NONE			9/15/93	9/20/93		9/20/93
Sample ID : 01-SB-03-EB-04 EB								
Diesel Range Organics	89601	METHOD	89601		8/9/93	8/13/93		8/14/93
Gasoline Range Organics	89601	METHOD	89601		8/9/93	8/17/93		8/17/93
SW8240 - Volatile Organics	VOA*93224	METHOD			8/9/93			8/16/93
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCCE308261200	SW3520 - Liquid/liquid	3520930813155000		8/9/93	8/13/93		8/26/93
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCCF308261200	SW3520 - Liquid/liquid	3520930813155000		8/9/93	8/13/93		8/26/93
Sample ID : 01-SB-03-EB-04 EBD								
SW8240 - Volatile Organics	93224	METHOD			8/9/93			8/16/93
Sample ID : 01-SB-03-EB-04 MSD								
SW8240 - Volatile Organics	93224	METHOD			8/9/93			8/16/93
SW8240 - Volatile Organics	VOA*93224	METHOD			8/9/93			8/16/93
Sample ID : 02-GW-01-03 N								
A403 - Alkalinity	G1-A-0-6/15/93	NONE			6/15/93			6/15/93
E120.1 - Specific Conductance	G1-A-1-6/15/93	NONE			6/15/93			6/15/93
E150.1 - pH,Electrometric	G1-A-2-6/15/93	NONE			6/15/93			6/15/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
E160.1 - Residue, Filterable (TDS)	WLTDS_306181600	NONE			6/15/93	6/18/93		6/18/93
E170.1 - Temperature	G1-A-3-6/15/93	NONE			6/15/93			6/15/93
E180.1 - Turbidity	G1-A-4-6/15/93	NONE			6/15/93			6/15/93
E300 - Anions	WLICXC306231300	NONE			6/15/93			6/23/93
E300 - Anions	WLICXS306231300	NONE			6/15/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/15/93			6/30/93
Sample ID : 02-GW-03-03 N								
A403 - Alkalinity	G1-A-0-6/15/93	NONE			6/15/93			6/15/93
E120.1 - Specific Conductance	G1-A-1-6/15/93	NONE			6/15/93			6/15/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306181600	NONE			6/15/93	6/18/93		6/18/93
E300 - Anions	WLICXC306231300	NONE			6/15/93			6/23/93
E300 - Anions	WLICXS306231300	NONE			6/15/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/15/93			6/30/93
SW8010 - Halogenated Volatile Organics	GCQUE1306241717	METHOD			6/15/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/15/93	6/23/93		6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/15/93	6/23/93		6/24/93
SW8020 - Aromatic Volatile Organics	GCKAY1306240932	NONE			6/15/93			6/24/93
SW8020 - Aromatic Volatile Organics	GCKAY2306240932	NONE			6/15/93			6/24/93
SW8240 - Volatile Organics	MS4502306260811	METHOD			6/15/93			6/26/93
Sample ID : 02-GW-03-DS-03 FD								
SW8010 - Halogenated Volatile Organics	GCQUE1306241717	METHOD			6/17/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/17/93	6/23/93		6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/17/93	6/23/93		6/24/93
SW8020 - Aromatic Volatile Organics	GCKAY1306240932	NONE			6/17/93			6/24/93
SW8020 - Aromatic Volatile Organics	GCKAY2306240932	NONE			6/17/93			6/24/93
SW8240 - Volatile Organics	MS4502306260811	METHOD			6/17/93			6/27/93
Sample ID : 03-GW-01-03 N								
SW8080 - Organochlorine Pesticides and PCBs	CHGC7A309131200	Set Funnel extraction	3510930901103500		8/29/93	9/1/93		9/14/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8080 - Organochlorine Pesticides and PCBs	CHGC7B309131200	Set Funnel extraction	3510930901103500		8/29/93	9/1/93		9/14/93
Sample ID : 03-GW-02-03 N								
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
Sample ID : 03-GW-02-DS-03 FD								
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
Sample ID : 03-GW-03-03 N								
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
Sample ID : 03-GW-04-03 N								
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
Sample ID : 04-MW-01-EB-03 EB								
Diesel Range Organics	89008	METHOD	89008		6/17/93	6/28/93		6/28/93
Gasoline Range Organics	89008	METHOD	89008		6/17/93	7/1/93		7/1/93
SW6010 - Metals	EMJA61307012200	ICP Digestion	IDIG930624170000		6/17/93	6/24/93		7/1/93
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930624170000		6/17/93	6/24/93		7/2/93
SW7421 - Lead	AAZ2__307191600	GFAA Digestion	GDIG930718083000		6/17/93	7/18/93		7/19/93
SW7470 - Mercury	AAZ4__306302300	NONE			6/17/93	6/30/93		7/1/93
SW7740 - Selenium	AAZ4__307130852	GFAA Digestion	GDIG930624170000		6/17/93	6/24/93		7/13/93
SW8010 - Halogenated Volatile Organics	GCQUE1306291223	METHOD			6/17/93			6/30/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8010 - Halogenated Volatile Organics	GCTEX1306302248	METHOD			6/17/93			7/1/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/17/93	6/23/93		6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/17/93	6/23/93		6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY1306240932	NONE			6/17/93			6/24/93
SW8020 - Aromatic Volatile Organics	GCKAY2306240932	NONE			6/17/93			6/24/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
SW8270 - Semivolatile Organics	MSMSD2306230826	Set Funnel extraction	3510930622163000		6/17/93	6/22/93		6/23/93
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCCE306291200	SW3520 - Liquid/liquid	3520930623140500		6/17/93	6/23/93		6/30/93
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCCF306291200	SW3520 - Liquid/liquid	3520930623140500		6/17/93	6/23/93		6/30/93
Sample ID : 04-MW-01-EB-03 EBD								
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCCE306291200	SW3520 - Liquid/liquid	3520930623140500		6/17/93	6/23/93		6/30/93
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCCF306291200	SW3520 - Liquid/liquid	3520930623140500		6/17/93	6/23/93		6/30/93
Sample ID : 04-MW-02-03 N								
A403 - Alkalinity	G1-A-0-6/06/93	NONE			6/6/93			6/6/93
Diesel Range Organics	88865	METHOD	88865		6/6/93	6/15/93		6/16/93
E120.1 - Specific Conductance	G1-A-1-6/06/93	NONE			6/6/93			6/6/93
E150.1 - pH,Electrometric	G1-A-2-6/06/93	NONE			6/6/93			6/6/93
E170.1 - Temperature	G1-A-3-6/06/93	NONE			6/6/93			6/6/93
E180.1 - Turbidity	G1-A-4-6/06/93	NONE			6/6/93			6/6/93
Gasoline Range Organics	88865	METHOD	88865		6/6/93	6/15/93		6/15/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930617080000		6/6/93	6/17/93		6/23/93
SW7060 - Arsenic	AAZ3__306300800	GFAA Digestion	GDIG930623160000		6/6/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2__306251600	GFAA Digestion	GDIG930623160000		6/6/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ4__306172100	NONE			6/6/93	6/17/93		6/18/93
SW7740 - Selenium	AAZ4__307090859	GFAA Digestion	GDIG930623160000		6/6/93	6/23/93		7/9/93
SW8010 - Halogenated Volatile Organics	GCQUE1306091614	METHOD			6/6/93			6/10/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/6/93	6/14/93		6/14/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/6/93	6/14/93		6/14/93
SW8020 - Aromatic Volatile Organics	GCQUE2306091614	NONE			6/6/93			6/10/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306141200	Set Funnel extraction	3510930610145900		6/6/93	6/10/93		6/15/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306141200	Set Funnel extraction	3510930610145900		6/6/93	6/10/93		6/15/93
SW8270 - Semivolatile Organics	MSMSD2306140820	Set Funnel extraction	3510930610100000		6/6/93	6/10/93		6/14/93
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCC_306221200	SW3520 - Liquid/liquid	3520930610165000		6/6/93	6/10/93		6/23/93
Sample ID : 04-MW-03-03 N								
A403 - Alkalinity	G1-A-0-6/06/93	NONE			6/6/93			6/6/93
Diesel Range Organics	88865	METHOD	88865		6/6/93	6/15/93		6/16/93
E120.1 - Specific Conductance	G1-A-1-6/06/93	NONE			6/6/93			6/6/93
E150.1 - pH,Electrometric	G1-A-2-6/06/93	NONE			6/6/93			6/6/93
E170.1 - Temperature	G1-A-3-6/06/93	NONE			6/6/93			6/6/93
Gasoline Range Organics	88865	METHOD	88865		6/6/93	6/15/93		6/15/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930617080000		6/6/93	6/17/93		6/23/93
SW7060 - Arsenic	AAZ3__306300800	GFAA Digestion	GDIG930623160000		6/6/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2__306251600	GFAA Digestion	GDIG930623160000		6/6/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ4__306172100	NONE			6/6/93	6/17/93		6/17/93
SW7740 - Selenium	AAZ4__307090859	GFAA Digestion	GDIG930623160000		6/6/93	6/23/93		7/9/93
SW8010 - Halogenated Volatile Organics	GCQUE1306091614	METHOD			6/6/93			6/10/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/6/93	6/14/93		6/14/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/6/93	6/14/93		6/14/93
SW8020 - Aromatic Volatile Organics	GCQUE2306091614	NONE			6/6/93			6/10/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306141200	Set Funnel extraction	3510930610145900		6/6/93	6/10/93		6/15/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306141200	Set Funnel extraction	3510930610145900		6/6/93	6/10/93		6/15/93
SW8270 - Semivolatile Organics	MSMSD2306140820	Set Funnel extraction	3510930610100000		6/6/93	6/10/93		6/14/93
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCC_306221200	SW3520 - Liquid/liquid	3520930610165000		6/6/93	6/10/93		6/22/93
Sample ID : 04-MW-03-03 ND								
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCC_306221200	SW3520 - Liquid/liquid	3520930610165000		6/6/93	6/10/93		6/22/93
Sample ID : 05-MW-01-03 N								
A403 - Alkalinity	G1-A-0-6/16/93	NONE			6/16/93			6/16/93
Diesel Range Organics	89008	METHOD	89008		6/16/93	6/28/93		6/28/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
E120.1 - Specific Conductance	G1-A-1-6/16/93	NONE			6/16/93			6/16/93
E150.1 - pH,Electrometric	G1-A-2-6/16/93	NONE			6/16/93			6/16/93
E170.1 - Temperature	G1-A-3-6/16/93	NONE			6/16/93			6/16/93
E180.1 - Turbidity	G1-A-4-6/16/93	NONE			6/16/93			6/16/93
Gasoline Range Organics	89008	METHOD	89008		6/16/93	6/30/93		6/30/93
SW6010 - Metals	EMJA61307012200	ICP Digestion	IDIG930624170000		6/16/93	6/24/93		7/1/93
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930624170000		6/16/93	6/24/93		7/2/93
SW7421 - Lead	AAZ2__307191600	GFAA Digestion	GDIG930718083000		6/16/93	7/18/93		7/19/93
SW7470 - Mercury	AAZ4__306302300	NONE			6/16/93	6/30/93		7/1/93
SW7740 - Selenium	AAZ4__307130852	GFAA Digestion	GDIG930624170000		6/16/93	6/24/93		7/13/93
SW8010 - Halogenated Volatile Organics	GCQUE1306291223	METHOD			6/16/93			6/29/93
SW8010 - Halogenated Volatile Organics	GCTEX1306250629	METHOD			6/16/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/16/93	6/23/93		6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/16/93	6/23/93		6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY1306221300	NONE			6/16/93			6/22/93
SW8020 - Aromatic Volatile Organics	GCKAY2306221300	NONE			6/16/93			6/22/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930621093000		6/16/93	6/21/93		6/26/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930621093000		6/16/93	6/21/93		6/26/93
SW8270 - Semivolatile Organics	MSMSD1306231041	Set Funnel extraction	3510930621140000		6/16/93	6/21/93		6/23/93
Sample ID : 05-MW-02-03 N								
A403 - Alkalinity	G1-A-0-6/16/93	NONE			6/16/93			6/16/93
Diesel Range Organics	89008	METHOD	89008		6/16/93	6/28/93		6/28/93
E120.1 - Specific Conductance	G1-A-1-6/16/93	NONE			6/16/93			6/16/93
E150.1 - pH,Electrometric	G1-A-2-6/16/93	NONE			6/16/93			6/16/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306231400	NONE			6/16/93	6/23/93		6/23/93
E170.1 - Temperature	G1-A-3-6/16/93	NONE			6/16/93			6/16/93
E180.1 - Turbidity	G1-A-4-6/16/93	NONE			6/16/93			6/16/93
E300 - Anions	WLICXC306231300	NONE			6/16/93			6/23/93
E300 - Anions	WLICXS306231300	NONE			6/16/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/16/93			6/30/93
Gasoline Range Organics	89008	METHOD	89008		6/16/93	6/30/93		6/30/93
SW6010 - Metals	EMJA61307012200	ICP Digestion	IDIG930624170000		6/16/93	6/24/93		7/1/93
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930624170000		6/16/93	6/24/93		7/2/93
SW7421 - Lead	AAZ2__307191600	GFAA Digestion	GDIG930718083000		6/16/93	7/18/93		7/19/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW7470 - Mercury	AAZ4__306302300	NONE			6/16/93	6/30/93		7/1/93
SW7740 - Selenium	AAZ4__307130852	GFAA Digestion	GDIG930624170000		6/16/93	6/24/93		7/13/93
SW8010 - Halogenated Volatile Organics	GCQUE1306291223	METHOD			6/16/93			6/30/93
SW8010 - Halogenated Volatile Organics	GCTEX1306250629	METHOD			6/16/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/16/93	6/23/93		6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/16/93	6/23/93		6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY1306221300	NONE			6/16/93			6/22/93
SW8020 - Aromatic Volatile Organics	GCKAY2306221300	NONE			6/16/93			6/22/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930621093000		6/16/93	6/21/93		6/26/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930621093000		6/16/93	6/21/93		6/26/93
SW8270 - Semivolatile Organics	MSMSD1306231041	Set Funnel extraction	3510930621140000		6/16/93	6/21/93		6/23/93
Sample ID : 05-MW-02-DS-03 FD								
E160.1 - Residue, Filterable (TDS)	WLTDS_306231400	NONE			6/16/93	6/23/93		6/23/93
E300 - Anions	WLICXC306231300	NONE			6/16/93			6/23/93
E300 - Anions	WLICXS306231300	NONE			6/16/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/16/93			6/30/93
Sample ID : 05-MW-02-DS-03 FDD								
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/16/93			6/30/93
Sample ID : 05-MW-03-03 N								
A403 - Alkalinity	G1-A-0-6/17/93	NONE			6/17/93			6/17/93
Diesel Range Organics	89008	METHOD	89008		6/17/93	6/28/93		6/28/93
E120.1 - Specific Conductance	G1-A-1-6/17/93	NONE			6/17/93			6/17/93
E150.1 - pH,Electrometric	G1-A-2-6/17/93	NONE			6/17/93			6/17/93
E170.1 - Temperature	G1-A-3-6/17/93	NONE			6/17/93			6/17/93
E180.1 - Turbidity	G1-A-4-6/17/93	NONE			6/17/93			6/17/93
Gasoline Range Organics	89008	METHOD	89008		6/17/93	7/1/93		7/1/93
SW6010 - Metals	EMJA61307012200	ICP Digestion	IDIG930624170000		6/17/93	6/24/93		7/1/93
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930624170000		6/17/93	6/24/93		7/2/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW7421 - Lead	AAZ2__307191600	GFAA Digestion	GDIG930718083000		6/17/93	7/18/93		7/19/93
SW7470 - Mercury	AAZ4__306302300	NONE			6/17/93	6/30/93		7/1/93
SW7740 - Selenium	AAZ4__307130852	GFAA Digestion	GDIG930624170000		6/17/93	6/24/93		7/13/93
SW8010 - Halogenated Volatile Organics	GCQUE1306291223	METHOD			6/17/93			6/30/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/17/93	6/23/93		6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/17/93	6/23/93		6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY1306221300	NONE			6/17/93			6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY2306221300	NONE			6/17/93			6/23/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
SW8270 - Semivolatile Organics	MSMSD2306230826	Set Funnel extraction	3510930622163000		6/17/93	6/22/93		6/23/93
Sample ID : 05-MW-03-DS-03 FD								
Diesel Range Organics	89008	METHOD	89008		6/17/93	6/28/93		6/28/93
Gasoline Range Organics	89008	METHOD	89008		6/17/93	7/1/93		7/1/93
SW6010 - Metals	EMJA61307012200	ICP Digestion	IDIG930624170000		6/17/93	6/24/93		7/1/93
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930624170000		6/17/93	6/24/93		7/2/93
SW7421 - Lead	AAZ2__307191600	GFAA Digestion	GDIG930718083000		6/17/93	7/18/93		7/19/93
SW7470 - Mercury	AAZ4__306302300	NONE			6/17/93	6/30/93		7/1/93
SW7740 - Selenium	AAZ4__307130852	GFAA Digestion	GDIG930624170000		6/17/93	6/24/93		7/13/93
SW8010 - Halogenated Volatile Organics	GCQUE1306291223	METHOD			6/17/93			6/30/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/17/93	6/23/93		6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/17/93	6/23/93		6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY1306240932	NONE			6/17/93			6/24/93
SW8020 - Aromatic Volatile Organics	GCKAY2306240932	NONE			6/17/93			6/24/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
SW8270 - Semivolatile Organics	MSMSD2306230826	Set Funnel extraction	3510930622163000		6/17/93	6/22/93		6/23/93
Sample ID : 05-MW-03-DS-03 FDy								
A403 - Alkalinity	G1-A-0-6/17/93	NONE			6/17/93			6/17/93
E120.1 - Specific Conductance	G1-A-1-6/17/93	NONE			6/17/93			6/17/93
E150.1 - pH,Electrometric	G1-A-2-6/17/93	NONE			6/17/93			6/17/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
E170.1 - Temperature	G1-A-3-6/17/93	NONE			6/17/93			6/17/93
E180.1 - Turbidity	G1-A-4-6/17/93	NONE			6/17/93			6/17/93
Sample ID : 05-MW-04-03 N								
A403 - Alkalinity	G1-A-0-6/16/93	NONE			6/16/93			6/16/93
Diesel Range Organics	89008	METHOD	89008		6/16/93	6/28/93		6/28/93
E120.1 - Specific Conductance	G1-A-1-6/16/93	NONE			6/16/93			6/16/93
E150.1 - pH,Electrometric	G1-A-2-6/16/93	NONE			6/16/93			6/16/93
E170.1 - Temperature	G1-A-3-6/16/93	NONE			6/16/93			6/16/93
E180.1 - Turbidity	G1-A-4-6/16/93	NONE			6/16/93			6/16/93
Gasoline Range Organics	89008	METHOD	89008		6/16/93	7/1/93		7/1/93
SW6010 - Metals	EMJA61307012200	ICP Digestion	IDIG930624170000		6/16/93	6/24/93		7/1/93
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930624170000		6/16/93	6/24/93		7/2/93
SW7421 - Lead	AAZ2__307191600	GFAA Digestion	GDIG930718083000		6/16/93	7/18/93		7/19/93
SW7470 - Mercury	AAZ4__306302300	NONE			6/16/93	6/30/93		7/1/93
SW7740 - Selenium	AAZ4__307130852	GFAA Digestion	GDIG930624170000		6/16/93	6/24/93		7/13/93
SW8010 - Halogenated Volatile Organics	GCTEX1306250629	METHOD			6/16/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/16/93	6/23/93		6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/16/93	6/23/93		6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY1306221300	NONE			6/16/93			6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY1306240932	NONE			6/16/93			6/24/93
SW8020 - Aromatic Volatile Organics	GCKAY2306221300	NONE			6/16/93			6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY2306240932	NONE			6/16/93			6/24/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930621093000		6/16/93	6/21/93		6/26/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930621093000		6/16/93	6/21/93		6/26/93
SW8270 - Semivolatile Organics	MSMSD1306231041	Set Funnel extraction	3510930621140000		6/16/93	6/21/93		6/23/93
SW8270 - Semivolatile Organics	MSMSD2306240908	Set Funnel extraction	3510930621140000		6/16/93	6/21/93		6/24/93
Sample ID : 05-MW-05-03 N								
A403 - Alkalinity	G1-A-0-6/17/93	NONE			6/17/93			6/17/93
Diesel Range Organics	89008	METHOD	89008		6/17/93	6/28/93		6/28/93
E120.1 - Specific Conductance	G1-A-1-6/17/93	NONE			6/17/93			6/17/93
E150.1 - pH,Electrometric	G1-A-2-6/17/93	NONE			6/17/93			6/17/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
E170.1 - Temperature	G1-A-3-6/17/93	NONE			6/17/93			6/17/93
E180.1 - Turbidity	G1-A-4-6/17/93	NONE			6/17/93			6/17/93
Gasoline Range Organics	89008	METHOD	89008		6/17/93	7/1/93		7/1/93
SW6010 - Metals	EMJA61307012200	ICP Digestion	IDIG930624170000		6/17/93	6/24/93		7/1/93
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930624170000		6/17/93	6/24/93		7/2/93
SW7421 - Lead	AAZ2__307191600	GFAA Digestion	GDIG930718083000		6/17/93	7/18/93		7/19/93
SW7470 - Mercury	AAZ4__306302300	NONE			6/17/93	6/30/93		7/1/93
SW7740 - Selenium	AAZ4__307130852	GFAA Digestion	GDIG930624170000		6/17/93	6/24/93		7/13/93
SW8010 - Halogenated Volatile Organics	GCQUE1306291223	METHOD			6/17/93			6/30/93
SW8010 - Halogenated Volatile Organics	GCTEX1306302248	METHOD			6/17/93			7/1/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/17/93	6/23/93		6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/17/93	6/23/93		6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY1306240932	NONE			6/17/93			6/24/93
SW8020 - Aromatic Volatile Organics	GCKAY2306240932	NONE			6/17/93			6/24/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
SW8270 - Semivolatile Organics	MSMSD2306240908	Set Funnel extraction	3510930622163000		6/17/93	6/22/93		6/24/93
Sample ID : 05-MW-05-03 ND								
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930624170000		6/17/93	6/24/93		7/2/93
SW7421 - Lead	AAZ2__307191600	GFAA Digestion	GDIG930718083000		6/17/93	7/18/93		7/19/93
SW7740 - Selenium	AAZ4__307130852	GFAA Digestion	GDIG930624170000		6/17/93	6/24/93		7/13/93
Sample ID : 05-MW-06-03 MS								
SW6010 - Metals	EMJA61307012200	ICP Digestion	IDIG930624170000		6/16/93	6/24/93		7/1/93
Sample ID : 05-MW-06-03 MSD								
SW6010 - Metals	EMJA61307012200	ICP Digestion	IDIG930624170000		6/16/93	6/24/93		7/1/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 05-MW-06-03 N								
A403 - Alkalinity	G1-A-0-6/16/93	NONE			6/16/93			6/16/93
Diesel Range Organics	89008	METHOD	89008		6/16/93	6/28/93		6/28/93
E120.1 - Specific Conductance	G1-A-1-6/16/93	NONE			6/16/93			6/16/93
E150.1 - pH,Electrometric	G1-A-2-6/16/93	NONE			6/16/93			6/16/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306231400	NONE			6/16/93	6/23/93		6/23/93
E170.1 - Temperature	G1-A-3-6/16/93	NONE			6/16/93			6/16/93
E180.1 - Turbidity	G1-A-4-6/16/93	NONE			6/16/93			6/16/93
E300 - Anions	WLICXC306231300	NONE			6/16/93			6/23/93
E300 - Anions	WLICXS306231300	NONE			6/16/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/16/93			6/30/93
Gasoline Range Organics	89008	METHOD	89008		6/16/93	6/30/93		6/30/93
SW6010 - Metals	EMJA61307012200	ICP Digestion	IDIG930624170000		6/16/93	6/24/93		7/1/93
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930624170000		6/16/93	6/24/93		7/2/93
SW7421 - Lead	AAZ2__307191600	GFAA Digestion	GDIG930718083000		6/16/93	7/18/93		7/19/93
SW7470 - Mercury	AAZ4__306302300	NONE			6/16/93	6/30/93		7/1/93
SW7740 - Selenium	AAZ4__307130852	GFAA Digestion	GDIG930624170000		6/16/93	6/24/93		7/13/93
SW8010 - Halogenated Volatile Organics	GCQUE1306291223	METHOD			6/16/93			6/30/93
SW8010 - Halogenated Volatile Organics	GCTEX1306250629	METHOD			6/16/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/16/93	6/23/93		6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/16/93	6/23/93		6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY1306221300	NONE			6/16/93			6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY2306221300	NONE			6/16/93			6/23/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930621093000		6/16/93	6/21/93		6/26/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930621093000		6/16/93	6/21/93		6/26/93
SW8270 - Semivolatile Organics	MSMSD1306231041	Set Funnel extraction	3510930621140000		6/16/93	6/21/93		6/23/93
Sample ID : 05-MW-06-03 ND								
SW6010 - Metals	EMJA61307012200	ICP Digestion	IDIG930624170000		6/16/93	6/24/93		7/1/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 05-MW-13-01 N								
A403 - Alkalinity	G1-A-0-9/13/93	NONE			9/13/93			9/13/93
Diesel Range Organics	89999	METHOD	89999		9/13/93	9/22/93		9/22/93
E120.1 - Specific Conductance	G1-A-3-9/13/93	NONE			9/13/93			9/13/93
E150.1 - pH,Electrometric	G1-A-2-9/13/93	NONE			9/13/93			9/13/93
E160.1 - Residue, Filterable (TDS)	WLTDS_309170300	NONE			9/13/93	9/17/93		9/17/93
E160.2 - Residue, Non-Filterable	WLTSS_309170300	NONE			9/13/93	9/17/93		9/17/93
E170.1 - Temperature	G1-A-1-9/13/93	NONE			9/13/93			9/13/93
E300 - Anions	WLICXC309251400	NONE			9/13/93			9/25/93
E300 - Anions	WLICXS309251300	NONE			9/13/93			9/25/93
E353.1 - Nitrate-Nitrite	WLTRAC310111600	NONE			9/13/93			10/11/93
Gasoline Range Organics	89999	METHOD	89999		9/13/93	9/21/93		9/21/93
SW6010 - Metals	EMJA61309240100	ICP Digestion	IDIG930917080000		9/13/93	9/17/93		9/24/93
SW7060 - Arsenic	AAZ3__309210922	GFAA Digestion	GDIG930917080000		9/13/93	9/17/93		9/22/93
SW7421 - Lead	AAZ1__309211500	GFAA Digestion	GDIG930917080000		9/13/93	9/17/93		9/21/93
SW7470 - Mercury	AAZ4__309232100	NONE			9/13/93	9/23/93		9/23/93
SW7740 - Selenium	AAZ3__310071045	GFAA Digestion	GDIG930917080000		9/13/93	9/17/93		10/7/93
SW8010 - Halogenated Volatile Organics	GCJAY1309201444	METHOD			9/13/93			9/21/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/13/93	9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/13/93	9/24/93		9/24/93
SW8020 - Aromatic Volatile Organics	GCJAY2309201444	NONE			9/13/93			9/21/93
SW8020 - Aromatic Volatile Organics	GCPEA2309211943	NONE			9/13/93			9/22/93
SW8270 - Semivolatile Organics	MSMSD1309201450	Set Funnel extraction	3510930916132500		9/13/93	9/16/93		9/20/93
Sample ID : 05-MW-14-01 MS								
E353.1 - Nitrate-Nitrite	WLTRAC310121900	NONE			9/16/93			10/12/93
SW8010 - Halogenated Volatile Organics	GCTEX1309231506	METHOD			9/16/93			9/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2309231506	NONE			9/16/93			9/23/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 05-MW-14-01 MSD								
E353.1 - Nitrate-Nitrite	WLTRAC310121900	NONE			9/16/93			10/12/93
SW8010 - Halogenated Volatile Organics	GCTEX1309231506	METHOD			9/16/93			9/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2309231506	NONE			9/16/93			9/23/93
Sample ID : 05-MW-14-01 N								
A403 - Alkalinity	G1-A-0-9/16/93	NONE			9/16/93			9/16/93
Diesel Range Organics	90051	METHOD	90051		9/16/93	9/22/93		9/23/93
E120.1 - Specific Conductance	G1-A-3-9/16/93	NONE			9/16/93			9/16/93
E150.1 - pH,Electrometric	G1-A-2-9/16/93	NONE			9/16/93			9/16/93
E160.1 - Residue, Filterable (TDS)	WLTDS_309231200	NONE			9/16/93	9/23/93		9/23/93
E160.2 - Residue, Non-Filterable	WLTSS_309231200	NONE			9/16/93	9/23/93		9/23/93
E170.1 - Temperature	G1-A-1-9/16/93	NONE			9/16/93			9/16/93
E300 - Anions	WLICXC309251400	NONE			9/16/93			9/25/93
E300 - Anions	WLICXS309251300	NONE			9/16/93			9/25/93
E353.1 - Nitrate-Nitrite	WLTRAC310121900	NONE			9/16/93			10/12/93
Gasoline Range Organics	90051	METHOD	90051		9/16/93	9/25/93		9/25/93
SW6010 - Metals	EMJA61310051000	ICP Digestion	IDIG930922081500		9/16/93	9/22/93		10/5/93
SW7060 - Arsenic	AAZ4__310041600	GFAA Digestion	GDIG930922080000		9/16/93	9/22/93		10/4/93
SW7421 - Lead	AAZ1__310040900	GFAA - Digestion	GDIG931001080000		9/16/93	10/1/93		10/4/93
SW7470 - Mercury	AAZ4__309232100	NONE			9/16/93	9/23/93		9/23/93
SW7740 - Selenium	AAZ3__310071600	GFAA Digestion	GDIG930922080000		9/16/93	9/22/93		10/7/93
SW8010 - Halogenated Volatile Organics	GCTEX1309231506	METHOD			9/16/93			9/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/16/93	9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/16/93	9/24/93		9/24/93
SW8020 - Aromatic Volatile Organics	GCTEX2309231506	NONE			9/16/93			9/23/93
SW8270 - Semivolatile Organics	MSMSD2309240819	Set Funnel extraction	3510930923101000		9/16/93	9/23/93		9/24/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 05-MW-14-01 ND								
E353.1 - Nitrate-Nitrite	WLTRAC310121900	NONE			9/16/93			10/12/93
SW6010 - Metals	EMJA61310051000	ICP Digestion	IDIG930922081500		9/16/93	9/22/93		10/5/93
Sample ID : 05-MW-14-DS-01 FD								
Diesel Range Organics	90051	METHOD	90051		9/16/93	9/22/93		9/23/93
E160.1 - Residue, Filterable (TDS)	WLTDS_309231Q0	NONE			9/16/93	9/23/93		9/23/93
E160.2 - Residue, Non-Filterable	WLTSS_309231200	NONE			9/16/93	9/23/93		9/23/93
E300 - Anions	WLICXC309251400	NONE			9/16/93			9/25/93
E300 - Anions	WLICXS309251300	NONE			9/16/93			9/25/93
E353.1 - Nitrate-Nitrite	WLTRAC310121900	NONE			9/16/93			10/12/93
Gasoline Range Organics	90051	METHOD	90051		9/16/93	9/25/93		9/25/93
SW6010 - Metals	EMJA61310051000	ICP Digestion	IDIG930922081500		9/16/93	9/22/93		10/5/93
SW7060 - Arsenic	AAZ4__310041600	GFAA Digestion	GDIG930922080000		9/16/93	9/22/93		10/4/93
SW7421 - Lead	AAZ1__310040900	GFAA - Digestion	GDIG931001080000		9/16/93	10/1/93		10/4/93
SW7470 - Mercury	AAZ4__309232100	NONE			9/16/93	9/23/93		9/23/93
SW7740 - Selenium	AAZ3__310071600	GFAA Digestion	GDIG930922080000		9/16/93	9/22/93		10/7/93
SW8010 - Halogenated Volatile Organics	GCTEX1309231506	METHOD			9/16/93			9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2309231506	NONE			9/16/93			9/24/93
SW8270 - Semivolatile Organics	MSMSD2309240819	Set Funnel extraction	3510930923101000		9/16/93	9/23/93		9/24/93
Sample ID : 05-MW-14-DS-01 FDD								
E160.1 - Residue, Filterable (TDS)	WLTDS_309231200	NONE			9/16/93	9/23/93		9/23/93
E160.2 - Residue, Non-Filterable	WLTSS_309231200	NONE			9/16/93	9/23/93		9/23/93
SW7470 - Mercury	AAZ4__309232100	NONE			9/16/93	9/23/93		9/23/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 05-MW-14-DS-01 FDy								
A403 - Alkalinity	G1-A-0-9/16/93	NONE			9/16/93			9/16/93
E120.1 - Specific Conductance	G1-A-3-9/16/93	NONE			9/16/93			9/16/93
E150.1 - pH,Electrometric	G1-A-2-9/16/93	NONE			9/16/93			9/16/93
E170.1 - Temperature	G1-A-1-9/16/93	NONE			9/16/93			9/16/93
Sample ID : 05-MW-15-01 N								
A403 - Alkalinity	G1-A-0-9/15/93	NONE			9/15/93			9/15/93
Diesel Range Organics	90018	METHOD	90018		9/15/93	9/22/93		9/23/93
E120.1 - Specific Conductance	G1-A-3-9/15/93	NONE			9/15/93			9/15/93
E150.1 - pH,Electrometric	G1-A-2-9/15/93	NONE			9/15/93			9/15/93
E160.1 - Residue, Filterable (TDS)	WLTDS_309200800	NONE			9/15/93	9/20/93		9/20/93
E160.2 - Residue, Non-Filterable	WLTSS_309200800	NONE			9/15/93	9/20/93		9/20/93
E170.1 - Temperature	G1-A-1-9/15/93	NONE			9/15/93			9/15/93
E300 - Anions	WLICXC309251400	NONE			9/15/93			9/25/93
E300 - Anions	WLICXS309251300	NONE			9/15/93			9/25/93
E353.1 - Nitrate-Nitrite	WLTRAC310111600	NONE			9/15/93			10/11/93
Gasoline Range Organics	90018	METHOD	90018		9/15/93	9/24/93		9/24/93
SW6010 - Metals	EMJA61309240100	ICP Digestion	IDIG930921081500		9/15/93	9/21/93		9/24/93
SW6010 - Metals	EMJA61309301400	ICP Digestion	IDIG930921081500		9/15/93	9/21/93		9/30/93
SW7060 - Arsenic	AAZ3__309290855	GFAA Digestion	GDIG930921080000		9/15/93	9/21/93		9/29/93
SW7421 - Lead	AAZ1__309281100	GFAA Digestion	GDIG930921080000		9/15/93	9/21/93		9/28/93
SW7470 - Mercury	AAZ4__309232100	NONE			9/15/93	9/23/93		9/23/93
SW7740 - Selenium	AAZ3__310071045	GFAA Digestion	GDIG930921080000		9/15/93	9/21/93		10/7/93
SW8010 - Halogenated Volatile Organics	GCJAY1309231030	METHOD			9/15/93			9/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/15/93	9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/15/93	9/24/93		9/24/93
SW8020 - Aromatic Volatile Organics	GCJAY2309231030	NONE			9/15/93			9/23/93
SW8270 - Semivolatile Organics	MSMSD1309230953	Set Funnel extraction	3510930920110000		9/15/93	9/20/93		9/23/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 05-MW-15-01 ND								
SW6010 - Metals	EMJA61309240100	ICP Digestion	IDIG930921081500		9/15/93	9/21/93		9/24/93
SW6010 - Metals	EMJA61309301400	ICP Digestion	IDIG930921081500		9/15/93	9/21/93		9/30/93
SW7060 - Arsenic	AAZ3__309290855	GFAA Digestion	GDIG930921080000		9/15/93	9/21/93		9/29/93
SW7421 - Lead	AAZ1__309281100	GFAA Digestion	GDIG930921080000		9/15/93	9/21/93		9/28/93
SW7740 - Selenium	AAZ3__310071045	GFAA Digestion	GDIG930921080000		9/15/93	9/21/93		10/7/93
Sample ID : 05-SB-05-EB-04 EB								
Gasoline Range Organics	89642	METHOD	89642		8/11/93	8/18/93		8/18/93
SW7060 - Arsenic	AAZ3__308301727	GFAA Digestion	GDIG930827083000		8/11/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3__308301408	GFAA Digestion	GDIG930827083000		8/11/93	8/27/93		8/30/93
SW8240 - Volatile Organics	VOA*93228	METHOD			8/11/93			8/18/93
SW8270 - Semivolatile Organics	MSMSD1308190856	Set Funnel extraction	3510930817104500		8/11/93	8/17/93		8/19/93
Sample ID : 05-SB-05-EB-04 EBD								
SW8240 - Volatile Organics	93228	METHOD			8/11/93			8/18/93
Sample ID : 05-SS-17-EB-01 EB								
SW7060 - Arsenic	AAZ3__308301727	GFAA Digestion	GDIG930827083000		8/17/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3__308301408	GFAA Digestion	GDIG930827083000		8/17/93	8/27/93		8/30/93
SW7740 - Selenium	AAZ3__308302042	GFAA Digestion	GDIG930827083000		8/17/93	8/27/93		8/30/93
Sample ID : 06-MW-01-03 N								
A403 - Alkalinity	G1-A-0-6/10/93	NONE			6/15/93			6/10/93
Diesel Range Organics	88938	METHOD	88938		6/15/93	6/17/93		6/17/93
E120.1 - Specific Conductance	G1-A-1-6/15/93	NONE			6/15/93			6/15/93
E150.1 - pH,Electrometric	G1-A-2-6/15/93	NONE			6/15/93			6/15/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
E160.1 - Residue, Filterable (TDS)	WLTDS_306181600	NONE			6/15/93	6/18/93		6/18/93
E170.1 - Temperature	G1-A-3-6/15/93	NONE			6/15/93			6/15/93
E180.1 - Turbidity	G1-A-4-6/15/93	NONE			6/15/93			6/15/93
E300 - Anions	WLICXC306231300	NONE			6/15/93			6/23/93
E300 - Anions	WLICXS306231300	NONE			6/15/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/15/93			6/30/93
Gasoline Range Organics	88938	METHOD	88938		6/15/93	6/19/93		6/19/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930621170000		6/15/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930625090000		6/15/93	6/25/93		7/2/93
SW7421 - Lead	AAZ2__307060800	GFAA Digestion	GDIG930625090000		6/15/93	6/25/93		7/6/93
SW7470 - Mercury	AAZ3__306242300	NONE			6/15/93	6/24/93		6/25/93
SW7470 - Mercury	AAZ4__306242300	NONE			6/15/93	6/24/93		6/25/93
SW7740 - Selenium	AAZ4__307141031	GFAA Digestion	GDIG930625090000		6/15/93	6/25/93		7/14/93
SW8010 - Halogenated Volatile Organics	GCQUE1306241717	METHOD			6/15/93			6/25/93
SW8010 - Halogenated Volatile Organics	GCTEX1306250629	METHOD			6/15/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/15/93	6/18/93		6/19/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/15/93	6/18/93		6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY1306211455	NONE			6/15/93			6/22/93
SW8020 - Aromatic Volatile Organics	GCKAY1306211455	NONE			6/15/93			6/21/93
SW8020 - Aromatic Volatile Organics	GCKAY2306211455	NONE			6/15/93			6/21/93
SW8020 - Aromatic Volatile Organics	GCKAY2306211455	NONE			6/15/93			6/22/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7A306231200	Set Funnel extraction	3510930618155501		6/15/93	6/18/93		6/23/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7B306231200	Set Funnel extraction	3510930618155501		6/15/93	6/18/93		6/23/93
SW8270 - Semivolatile Organics	MSMSD2306220822	Set Funnel extraction	3510930618112000		6/15/93	6/18/93		6/22/93
Sample ID : 06-MW-02-03 N								
A403 - Alkalinity	G1-A-0-6/10/93	NONE			6/10/93			6/10/93
Diesel Range Organics	88938	METHOD	88938		6/10/93	6/17/93		6/17/93
E120.1 - Specific Conductance	G1-A-1-6/15/93	NONE			6/10/93			6/15/93
E150.1 - pH,Electrometric	G1-A-2-6/15/93	NONE			6/10/93			6/15/93
E170.1 - Temperature	G1-A-3-6/15/93	NONE			6/10/93			6/15/93
E180.1 - Turbidity	G1-A-4-6/15/93	NONE			6/10/93			6/15/93
Gasoline Range Organics	88938	METHOD	88938		6/10/93	6/18/93		6/18/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930621170000		6/10/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930625090000		6/10/93	6/25/93		7/2/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW7421 - Lead	AAZ2__307060800	GFAA Digestion	GDIG930625090000		6/10/93	6/25/93		7/6/93
SW7470 - Mercury	AAZ3__306242300	NONE			6/10/93	6/24/93		6/25/93
SW7470 - Mercury	AAZ4__306242300	NONE			6/10/93	6/24/93		6/25/93
SW7740 - Selenium	AAZ4__307141031	GFAA Digestion	GDIG930625090000		6/10/93	6/25/93		7/14/93
SW8010 - Halogenated Volatile Organics	GCQUE1306241717	METHOD			6/10/93			6/25/93
SW8010 - Halogenated Volatile Organics	GCTEX1306250629	METHOD			6/10/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/10/93	6/18/93		6/19/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/10/93	6/18/93		6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY1306211455	NONE			6/10/93			6/22/93
SW8020 - Aromatic Volatile Organics	GCKAY2306211455	NONE			6/10/93			6/22/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7A306231200	Set Funnel extraction	3510930618155501		6/10/93	6/18/93		6/24/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7B306231200	Set Funnel extraction	3510930618155501		6/10/93	6/18/93		6/24/93
SW8270 - Semivolatile Organics	MSMSD2306220822	Set Funnel extraction	3510930618112000		6/10/93	6/18/93		6/22/93
Sample ID : 06-MW-03-03 N								
A403 - Alkalinity	G1-A-0-6/09/93	NONE			6/9/93			6/9/93
Diesel Range Organics	88937	METHOD	88937		6/9/93	6/16/93		6/17/93
E120.1 - Specific Conductance	G1-A-1-6/09/93	NONE			6/9/93			6/9/93
E150.1 - pH,Electrometric	G1-A-2-6/09/93	NONE			6/9/93			6/9/93
E170.1 - Temperature	G1-A-3-6/09/93	NONE			6/9/93			6/9/93
E180.1 - Turbidity	G1-A-4-6/09/93	NONE			6/9/93			6/9/93
Gasoline Range Organics	88937	METHOD	88937		6/9/93	6/18/93		6/18/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930617080000		6/9/93	6/17/93		6/23/93
SW7060 - Arsenic	AAZ3__306300800	GFAA Digestion	GDIG930623160000		6/9/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2__306251600	GFAA Digestion	GDIG930623160000		6/9/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ4__306220000	NONE			6/9/93	6/21/93		6/22/93
SW7740 - Selenium	AAZ4__307080820	GFAA Digestion	GDIG930623160000		6/9/93	6/23/93		7/8/93
SW7740 - Selenium	AAZ4__307081152	GFAA Digestion	GDIG930623160000		6/9/93	6/23/93		7/8/93
SW8010 - Halogenated Volatile Organics	GCQUE1306231533	METHOD			6/9/93			6/23/93
SW8010 - Halogenated Volatile Organics	GCTEX1306211441	METHOD			6/9/93			6/22/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/9/93	6/14/93		6/15/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/9/93	6/14/93		6/15/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/9/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/9/93			6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306181200	Set Funnel extraction	3510930611162000		6/9/93	6/11/93		6/19/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306181200	Set Funnel extraction	3510930611162000		6/9/93	6/11/93		6/19/93
SW8270 - Semivolatile Organics	MSMSD2306150816	Set Funnel extraction	3510930614100500		6/9/93	6/14/93		6/15/93
Sample ID : 06-MW-04-03 N								
A403 - Alkalinity	G1-A-0-6/10/93	NONE			6/15/93			6/10/93
Diesel Range Organics	88938	METHOD	88938		6/15/93	6/17/93		6/17/93
E120.1 - Specific Conductance	G1-A-1-6/15/93	NONE			6/15/93			6/15/93
E150.1 - pH,Electrometric	G1-A-2-6/15/93	NONE			6/15/93			6/15/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306181600	NONE			6/15/93	6/18/93		6/18/93
E170.1 - Temperature	G1-A-3-6/15/93	NONE			6/15/93			6/15/93
E180.1 - Turbidity	G1-A-4-6/15/93	NONE			6/15/93			6/15/93
E300 - Anions	WLICXC306231300	NONE			6/15/93			6/23/93
E300 - Anions	WLICXS306231300	NONE			6/15/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/15/93			6/30/93
Gasoline Range Organics	88938	METHOD	88938		6/15/93	6/19/93		6/19/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930621170000		6/15/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930625090000		6/15/93	6/25/93		7/2/93
SW7421 - Lead	AAZ2__307060800	GFAA Digestion	GDIG930625090000		6/15/93	6/25/93		7/6/93
SW7470 - Mercury	AAZ3__306242300	NONE			6/15/93	6/24/93		6/25/93
SW7470 - Mercury	AAZ4__306242300	NONE			6/15/93	6/24/93		6/25/93
SW7740 - Selenium	AAZ4__307141031	GFAA Digestion	GDIG930625090000		6/15/93	6/25/93		7/14/93
SW8010 - Halogenated Volatile Organics	GCQUE1306241717	METHOD			6/15/93			6/25/93
SW8010 - Halogenated Volatile Organics	GCTEX1306250629	METHOD			6/15/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/15/93	6/18/93		6/19/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/15/93	6/18/93		6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY1306211455	NONE			6/15/93			6/22/93
SW8020 - Aromatic Volatile Organics	GCKAY2306211455	NONE			6/15/93			6/22/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7A306231200	Set Funnel extraction	3510930618155501		6/15/93	6/18/93		6/24/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7B306231200	Set Funnel extraction	3510930618155501		6/15/93	6/18/93		6/24/93
SW8270 - Semivolatile Organics	MSMSD2306220822	Set Funnel extraction	3510930618112000		6/15/93	6/18/93		6/22/93
Sample ID : 06-MW-07-01 N								
A403 - Alkalinity	G1-A-0-9/13/93	NONE			9/13/93			9/13/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Diesel Range Organics	89999	METHOD	89999		9/13/93	9/22/93		9/22/93
E120.1 - Specific Conductance	G1-A-3-9/13/93	NONE			9/13/93			9/13/93
E150.1 - pH,Electrometric	G1-A-2-9/13/93	NONE			9/13/93			9/13/93
E160.1 - Residue, Filterable (TDS)	WLTDS_309170300	NONE			9/13/93	9/17/93		9/17/93
E160.2 - Residue, Non-Filterable	WLTSS_309170300	NONE			9/13/93	9/17/93		9/17/93
E170.1 - Temperature	G1-A-1-9/13/93	NONE			9/13/93			9/13/93
E300 - Anions	WLICXC309251400	NONE			9/13/93			9/25/93
E300 - Anions	WLICXS309251300	NONE			9/13/93			9/25/93
E353.1 - Nitrate-Nitrite	WLTRAC310111600	NONE			9/13/93			10/11/93
Gasoline Range Organics	89999	METHOD	89999		9/13/93	9/21/93		9/21/93
SW6010 - Metals	EMJA61309240100	ICP Digestion	IDIG930917080000		9/13/93	9/17/93		9/24/93
SW7060 - Arsenic	AAZ3__309210922	GFAA Digestion	GDIG930917080000		9/13/93	9/17/93		9/22/93
SW7421 - Lead	AAZ1__309211500	GFAA Digestion	GDIG930917080000		9/13/93	9/17/93		9/21/93
SW7470 - Mercury	AAZ4__309232100	NONE			9/13/93	9/23/93		9/23/93
SW7740 - Selenium	AAZ3__310071045	GFAA Digestion	GDIG930917080000		9/13/93	9/17/93		10/7/93
SW8010 - Halogenated Volatile Organics	GCJAY1309201444	METHOD			9/13/93			9/21/93
SW8020 - Aromatic Volatile Organics	GCJAY2309201444	NONE			9/13/93			9/21/93
SW8270 - Semivolatile Organics	MSMSD1309201450	Set Funnel extraction	3510930916132500		9/13/93	9/16/93		9/20/93
Sample ID : 06-MW-07-01 ND								
E353.1 - Nitrate-Nitrite	WLTRAC310111600	NONE			9/13/93			10/11/93
SW6010 - Metals	EMJA61309240100	ICP Digestion	IDIG930917080000		9/13/93	9/17/93		9/24/93
SW7421 - Lead	AAZ1__309211500	GFAA Digestion	GDIG930917080000		9/13/93	9/17/93		9/21/93
SW7740 - Selenium	AAZ3__310071045	GFAA Digestion	GDIG930917080000		9/13/93	9/17/93		10/7/93
Sample ID : 06-MW-07-DS-01 FD								
Diesel Range Organics	89999	METHOD	89999		9/13/93	9/22/93		9/22/93
E160.1 - Residue, Filterable (TDS)	WLTDS_309170300	NONE			9/13/93	9/17/93		9/17/93
E160.2 - Residue, Non-Filterable	WLTSS_309170300	NONE			9/13/93	9/17/93		9/17/93
E300 - Anions	WLICXC309251400	NONE			9/13/93			9/25/93
E300 - Anions	WLICXS309251300	NONE			9/13/93			9/25/93
E353.1 - Nitrate-Nitrite	WLTRAC310111600	NONE			9/13/93			10/11/93
Gasoline Range Organics	89999	METHOD	89999		9/13/93	9/21/93		9/21/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW6010 - Metals	EMJA61309240100	ICP Digestion	IDIG930917080000		9/13/93	9/17/93		9/24/93
SW7060 - Arsenic	AAZ3__309210922	GFAA Digestion	GDIG930917080000		9/13/93	9/17/93		9/22/93
SW7421 - Lead	AAZ1__309211500	GFAA Digestion	GDIG930917080000		9/13/93	9/17/93		9/21/93
SW7470 - Mercury	AAZ4__309232100	NONE			9/13/93	9/23/93		9/23/93
SW7740 - Selenium	AAZ3__310071045	GFAA Digestion	GDIG930917080000		9/13/93	9/17/93		10/7/93
SW8010 - Halogenated Volatile Organics	GCJAY1309201444	METHOD			9/13/93			9/21/93
SW8020 - Aromatic Volatile Organics	GCJAY2309201444	NONE			9/13/93			9/21/93
SW8020 - Aromatic Volatile Organics	GCPEA2309211943	NONE			9/13/93			9/22/93
SW8270 - Semivolatile Organics	MSMSD1309201450	Set Funnel extraction	3510930916132500		9/13/93	9/16/93		9/20/93
Sample ID : 06-MW-07-DS-01 FDy								
A403 - Alkalinity	G1-A-0-9/13/93	NONE			9/13/93			9/13/93
E120.1 - Specific Conductance	G1-A-3-9/13/93	NONE			9/13/93			9/13/93
E150.1 - pH,Electrometric	G1-A-2-9/13/93	NONE			9/13/93			9/13/93
E170.1 - Temperature	G1-A-1-9/13/93	NONE			9/13/93			9/13/93
Sample ID : 07-HA-01-EB-01 EB								
Diesel Range Organics	90182	METHOD	90182		10/1/93	10/11/93		10/11/93
Gasoline Range Organics	90181	METHOD	90181		10/1/93	10/10/93		10/10/93
SW8240 - Volatile Organics	MSMSDA310062203	METHOD			10/1/93			10/7/93
SW8270 - Semivolatile Organics	MSMSD2310110812	Set Funnel extraction	3510931006100000		10/1/93	10/6/93		10/11/93
Sample ID : 07-MW-01-03 N								
A403 - Alkalinity	G1-A-0-8/10/93	NONE			8/10/93			8/10/93
Diesel Range Organics	89601	METHOD	89601		8/10/93	8/13/93		8/14/93
E120.1 - Specific Conductance	G1-A-4-8/10/93	NONE			8/10/93			8/10/93
E150.1 - pH,Electrometric	G1-A-3-8/10/93	NONE			8/10/93			8/10/93
E160.1 - Residue, Filterable (TDS)	WLTDS_308171200	NONE			8/10/93	8/17/93		8/17/93
E170.1 - Temperature	G1-A-1-8/10/93	NONE			8/10/93			8/10/93
E180.1 - Turbidity	G1-A-2-8/10/93	NONE			8/10/93			8/10/93
Gasoline Range Organics	89601	METHOD	89601		8/10/93	8/17/93		8/17/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW6010 - Metals	EMJA61308271100	ICP Digestion	IDIG930823072500		8/10/93	8/23/93		8/27/93
SW6010 - Metals	EMJA61308301200	ICP Digestion	IDIG930813080000		8/10/93	8/13/93		8/30/93
SW7060 - Arsenic	AAZ3__308161900	GFAA Digestion	GDIG930813081500		8/10/93	8/13/93		8/16/93
SW7421 - Lead	AAZ1__308161600	GFAA Digestion	GDIG930813081500		8/10/93	8/13/93		8/16/93
SW7470 - Mercury	AAZ4__308242100	NONE			8/10/93	8/24/93		8/24/93
SW7740 - Selenium	AAZ4__308231116	GFAA Digestion	GDIG930813081500		8/10/93	9/13/93		8/23/93
SW8010 - Halogenated Volatile Organics	GCPEA1308161047	METHOD			8/10/93			8/16/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A308170800	NONE	NA		8/10/93	8/17/93		8/17/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B308170800	NONE	NA		8/10/93	8/17/93		8/17/93
SW8020 - Aromatic Volatile Organics	GCPEA2308161047	NONE			8/10/93			8/16/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A308201200	Set Funnel extraction	3510930813105700		8/10/93	8/13/93		8/21/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B308201200	Set Funnel extraction	3510930813105700		8/10/93	8/13/93		8/21/93
SW8270 - Semivolatile Organics	MSMSD1308171507	Set Funnel extraction	3510930812113000		8/10/93	8/12/93		8/17/93
Sample ID : 07-MW-02-03 N								
A403 - Alkalinity	G1-A-0-6/09/93	NONE			6/9/93			6/9/93
Diesel Range Organics	88937	METHOD	88937		6/9/93	6/16/93		6/17/93
E120.1 - Specific Conductance	G1-A-1-6/09/93	NONE			6/9/93			6/9/93
E150.1 - pH,Electrometric	G1-A-2-6/09/93	NONE			6/9/93			6/9/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306141600	NONE			6/9/93	6/14/93		6/14/93
E170.1 - Temperature	G1-A-3-6/09/93	NONE			6/9/93			6/9/93
E180.1 - Turbidity	G1-A-4-6/09/93	NONE			6/9/93			6/9/93
Gasoline Range Organics	88937	METHOD	88937		6/9/93	6/18/93		6/18/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930617080000		6/9/93	6/17/93		6/23/93
SW7060 - Arsenic	AAZ3__306300800	GFAA Digestion	GDIG930623160000		6/9/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2__306251600	GFAA Digestion	GDIG930623160000		6/9/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ4__306220000	NONE			6/9/93	6/21/93		6/22/93
SW7740 - Selenium	AAZ4__307080820	GFAA Digestion	GDIG930623160000		6/9/93	6/23/93		7/8/93
SW7740 - Selenium	AAZ4__307081152	GFAA Digestion	GDIG930623160000		6/9/93	6/23/93		7/8/93
SW8010 - Halogenated Volatile Organics	GCQUE1306231533	METHOD			6/9/93			6/23/93
SW8010 - Halogenated Volatile Organics	GCTEX1306211441	METHOD			6/9/93			6/22/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/9/93	6/14/93		6/15/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/9/93	6/14/93		6/15/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/9/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/9/93			6/19/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306181200	Set Funnel extraction	3510930611162000		6/9/93	6/11/93		6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306221200	Set Funnel extraction	3510930611162000		6/9/93	6/11/93		6/23/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306181200	Set Funnel extraction	3510930611162000		6/9/93	6/11/93		6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306221200	Set Funnel extraction	3510930611162000		6/9/93	6/11/93		6/23/93
SW8270 - Semivolatile Organics	MSMSD2306150816	Set Funnel extraction	3510930614100500		6/9/93	6/14/93		6/15/93
Sample ID : 07-MW-02-DS-03 FD								
Diesel Range Organics	88937	METHOD	88937		6/9/93	6/16/93		6/17/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306141600	NONE			6/9/93	6/14/93		6/14/93
Gasoline Range Organics	88937	METHOD	88937		6/9/93	6/17/93		6/17/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930617080000		6/9/93	6/17/93		6/23/93
SW7060 - Arsenic	AAZ3__306300800	GFAA Digestion	GDIG930623160000		6/9/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2__306251600	GFAA Digestion	GDIG930623160000		6/9/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ4__306220000	NONE			6/9/93	6/21/93		6/22/93
SW7740 - Selenium	AAZ4__307080820	GFAA Digestion	GDIG930623160000		6/9/93	6/23/93		7/8/93
SW7740 - Selenium	AAZ4__307081152	GFAA Digestion	GDIG930623160000		6/9/93	6/23/93		7/8/93
SW8010 - Halogenated Volatile Organics	GCQUE1306231533	METHOD			6/9/93			6/23/93
SW8010 - Halogenated Volatile Organics	GCTEX1306211441	METHOD			6/9/93			6/22/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/9/93	6/14/93		6/15/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/9/93	6/14/93		6/15/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/9/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/9/93			6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306181200	Set Funnel extraction	3510930611162000		6/9/93	6/11/93		6/18/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306221200	Set Funnel extraction	3510930611162000		6/9/93	6/11/93		6/23/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306181200	Set Funnel extraction	3510930611162000		6/9/93	6/11/93		6/18/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306221200	Set Funnel extraction	3510930611162000		6/9/93	6/11/93		6/23/93
SW8270 - Semivolatile Organics	MSMSD2306150816	Set Funnel extraction	3510930614100500		6/9/93	6/14/93		6/15/93
Sample ID : 07-MW-02-DS-03 FDD								
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930617080000		6/9/93	6/17/93		6/23/93
SW7421 - Lead	AAZ2__306251600	GFAA Digestion	GDIG930623160000		6/9/93	6/23/93		6/25/93
SW7740 - Selenium	AAZ4__307080820	GFAA Digestion	GDIG930623160000		6/9/93	6/23/93		7/8/93

Compiled: 21 [redacted] 1994 N = Normal Sample MS = Matrix Spike MSD = [redacted] Spike Duplicate FD = Field Duplicate

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 07-MW-02-DS-03 FDy								
A403 - Alkalinity	G1-A-0-6/09/93	NONE			6/9/93			6/9/93
E120.1 - Specific Conductance	G1-A-1-6/09/93	NONE			6/9/93			6/9/93
E150.1 - pH,Electrometric	G1-A-2-6/09/93	NONE			6/9/93			6/9/93
E170.1 - Temperature	G1-A-3-6/09/93	NONE			6/9/93			6/9/93
E180.1 - Turbidity	G1-A-4-6/09/93	NONE			6/9/93			6/9/93
Sample ID : 07-MW-03-03 N								
A403 - Alkalinity	G1-A-0-8/10/93	NONE			8/10/93			8/10/93
Diesel Range Organics	89601	METHOD	89601		8/10/93	8/13/93		8/14/93
E120.1 - Specific Conductance	G1-A-4-8/10/93	NONE			8/10/93			8/10/93
E150.1 - pH,Electrometric	G1-A-3-8/10/93	NONE			8/10/93			8/10/93
E160.1 - Residue, Filterable (TDS)	WLTDS_308171200	NONE			8/10/93	8/17/93		8/17/93
E170.1 - Temperature	G1-A-1-8/10/93	NONE			8/10/93			8/10/93
E180.1 - Turbidity	G1-A-2-8/10/93	NONE			8/10/93			8/10/93
Gasoline Range Organics	89601	METHOD	89601		8/10/93	8/17/93		8/17/93
SW6010 - Metals	EMJA61308271100	ICP Digestion	IDIG930823072500		8/10/93	8/23/93		8/27/93
SW6010 - Metals	EMJA61308301200	ICP Digestion	IDIG930813080000		8/10/93	8/13/93		8/30/93
SW7060 - Arsenic	AAZ3__308161900	GFAA Digestion	GDIG930813081500		8/10/93	8/13/93		8/16/93
SW7421 - Lead	AAZ1__308161600	GFAA Digestion	GDIG930813081500		8/10/93	8/13/93		8/16/93
SW7470 - Mercury	AAZ4__308242100	NONE			8/10/93	8/24/93		8/24/93
SW7740 - Selenium	AAZ4__308231116	GFAA Digestion	GDIG930813081500		8/10/93	9/13/93		8/23/93
SW8010 - Halogenated Volatile Organics	GCPEA1308161047	METHOD			8/10/93			8/16/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A308170800	NONE	NA		8/10/93	8/17/93		8/17/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B308170800	NONE	NA		8/10/93	8/17/93		8/17/93
SW8020 - Aromatic Volatile Organics	GCJAY2308171217	NONE			8/10/93			8/18/93
SW8020 - Aromatic Volatile Organics	GCPEA2308161047	NONE			8/10/93			8/16/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A308201200	Set Funnel extraction	3510930813105700		8/10/93	8/13/93		8/21/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B308201200	Set Funnel extraction	3510930813105700		8/10/93	8/13/93		8/21/93
SW8270 - Semivolatile Organics	MSMSD1308171507	Set Funnel extraction	3510930812113000		8/10/93	8/12/93		8/18/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 07-MW-03-03 ND								
E160.1 - Residue, Filterable (TDS)	WLTDS_308171200	NONE			8/10/93	8/17/93		8/17/93
Sample ID : 07-MW-04-03 N								
A403 - Alkalinity	G1-A-0-7/29/93	NONE			7/29/93			7/29/93
Diesel Range Organics	89475	METHOD	89475		7/29/93	8/5/93		8/5/93
E120.1 - Specific Conductance	G1-A-1-7/29/93	NONE			7/29/93			7/29/93
E150.1 - pH,Electrometric	G1-A-2-7/29/93	NONE			7/29/93			7/29/93
E160.1 - Residue, Filterable (TDS)	WLTDS_308031200	NONE			7/29/93	8/3/93		8/3/93
E170.1 - Temperature	G1-A-3-7/29/93	NONE			7/29/93			7/29/93
E180.1 - Turbidity	G1-A-4-7/29/93	NONE			7/29/93			7/29/93
Gasoline Range Organics	89475	METHOD	89475		7/29/93	8/4/93		8/4/93
SW6010 - Metals	EMJA61308271100	ICP Digestion	IDIG930823072500		7/29/93	8/23/93		8/27/93
SW6010 - Metals	EMJA61308301200	ICP Digestion	IDIG930813080000		7/29/93	8/13/93		8/30/93
SW7060 - Arsenic	AAZ3__308161900	GFAA Digestion	GDIG930813081500		7/29/93	8/13/93		8/16/93
SW7421 - Lead	AAZ1__308161600	GFAA Digestion	GDIG930813081500		7/29/93	8/13/93		8/16/93
SW7470 - Mercury	AAZ4__308162200	NONE			7/29/93	8/16/93		8/17/93
SW7740 - Selenium	AAZ4__308231116	GFAA Digestion	GDIG930813081500		7/29/93	9/13/93		8/23/93
SW8010 - Halogenated Volatile Organics	GCJAY1308111427	METHOD			7/29/93			8/12/93
SW8010 - Halogenated Volatile Organics	GCPEA1308101540	METHOD			7/29/93			8/11/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A308060800	NONE	NA		7/29/93	8/6/93		8/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B308060800	NONE	NA		7/29/93	8/6/93		8/6/93
SW8020 - Aromatic Volatile Organics	GCKAY1308091931	NONE			7/29/93			8/10/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7A308061200	Set Funnel extraction	3510930804130000		7/29/93	8/4/93		8/7/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7B308061200	Set Funnel extraction	3510930804130000		7/29/93	8/4/93		8/7/93
SW8270 - Semivolatile Organics	MSMSD2308070819	Set Funnel extraction	3510930804092000		7/29/93	8/4/93		8/7/93
Sample ID : 07-MW-04-03 ND								
E160.1 - Residue, Filterable (TDS)	WLTDS_308031200	NONE			7/29/93	8/3/93		8/3/93
SW7470 - Mercury	AAZ4__308162200	NONE			7/29/93	8/16/93		8/17/93
SW7740 - Selenium	AAZ4__308231116	GFAA Digestion	GDIG930813081500		7/29/93	9/13/93		8/23/93

Compiled: 21 [redacted] 1994 N = Normal Sample MS = Matrix Spike MSD = M[redacted] Spike Duplicate FD = Field Duplicate

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 07-SD-07-EB-01 EB								
Gasoline Range Organics	89718	METHOD	89718		8/17/93	8/17/93		8/17/93
SW6010 - Metals	EMJA61309010000	ICP Digestion	IDIG930827080000		8/17/93	8/27/93		9/1/93
SW7060 - Arsenic	AAZ3__308301727	GFAA Digestion	GDIG930827083000		8/17/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3__308301408	GFAA Digestion	GDIG930827083000		8/17/93	8/27/93		8/30/93
SW7470 - Mercury	AAZ4__309012045	NONE			8/17/93	9/1/93		9/1/93
SW7740 - Selenium	AAZ3__308302042	GFAA Digestion	GDIG930827083000		8/17/93	8/27/93		8/30/93
SW8240 - Volatile Organics	VOA*93238	METHOD			8/17/93			8/25/93
SW8270 - Semivolatile Organics	MSMSD1308251013	Set Funnel extraction	3510930824105000		8/17/93	8/24/93		8/25/93
Sample ID : 07-SD-07-EB-01 EBD								
SW7470 - Mercury	AAZ4__309012045	NONE			8/17/93	9/1/93		9/1/93
SW8240 - Volatile Organics	93238	METHOD			8/17/93			8/25/93
Sample ID : 07-SD-07-EB-01 MSD								
SW8240 - Volatile Organics	93238	METHOD			8/17/93			8/25/93
SW8240 - Volatile Organics	VOA*93238	METHOD			8/17/93			8/25/93
Sample ID : 07-SW-03-01 MS								
SW6010 - Metals	EMJA61309010000	ICP Digestion	IDIG930827080000		8/19/93	8/27/93		9/1/93
SW6010 - Metals	EMJA61309071000	ICP Digestion	IDIG930827080000		8/19/93	8/27/93		9/7/93
Sample ID : 07-SW-03-01 MSD								
SW6010 - Metals	EMJA61309010000	ICP Digestion	IDIG930827080000		8/19/93	8/27/93		9/1/93
SW6010 - Metals	EMJA61309071000	ICP Digestion	IDIG930827080000		8/19/93	8/27/93		9/7/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 07-SW-03-01 N								
A403 - Alkalinity	G1-A-0-8/19/93	NONE			8/19/93			8/19/93
Diesel Range Organics	89717	METHOD	89717		8/19/93	8/26/93		8/27/93
E120.1 - Specific Conductance	G1-A-2-8/19/93	NONE			8/19/93			8/19/93
E150.1 - pH,Electrometric	G1-A-1-8/19/93	NONE			8/19/93			8/19/93
Gasoline Range Organics	89718	METHOD	89718		8/19/93	8/19/93		8/19/93
SW6010 - Metals	EMJA61309010000	ICP Digestion	IDIG930827080000		8/19/93	8/27/93		9/1/93
SW6010 - Metals	EMJA61309071000	ICP Digestion	IDIG930827080000		8/19/93	8/27/93		9/7/93
SW7060 - Arsenic	AAZ3__308301727	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3__308301408	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93
SW7470 - Mercury	AAZ4__309012045	NONE			8/19/93	9/1/93		9/1/93
SW7740 - Selenium	AAZ3__308302042	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93
SW8010 - Halogenated Volatile Organics	GCTEX1308242018	METHOD			8/19/93			8/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2308242018	NONE			8/19/93			8/25/93
SW8270 - Semivolatile Organics	MSMSD1308251013	Set Funnel extraction	3510930824105000		8/19/93	8/24/93		8/25/93
Sample ID : 07-SW-03-01 ND								
SW6010 - Metals	EMJA61309010000	ICP Digestion	IDIG930827080000		8/19/93	8/27/93		9/1/93
SW6010 - Metals	EMJA61309071000	ICP Digestion	IDIG930827080000		8/19/93	8/27/93		9/7/93
SW7060 - Arsenic	AAZ3__308301727	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3__308301408	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93
SW7740 - Selenium	AAZ3__308302042	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93
Sample ID : 07-SW-04-01 N								
A403 - Alkalinity	G1-A-0-8/19/93	NONE			8/19/93			8/19/93
Diesel Range Organics	89717	METHOD	89717		8/19/93	8/26/93		8/27/93
E120.1 - Specific Conductance	G1-A-2-8/19/93	NONE			8/19/93			8/19/93
E150.1 - pH,Electrometric	G1-A-1-8/19/93	NONE			8/19/93			8/19/93
Gasoline Range Organics	89718	METHOD	89718		8/19/93	8/19/93		8/19/93
SW6010 - Metals	EMJA61309010000	ICP Digestion	IDIG930827080000		8/19/93	8/27/93		9/1/93
SW7060 - Arsenic	AAZ3__308301727	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW7421 - Lead	AAZ3__308301408	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93
SW7470 - Mercury	AAZ4__309012045	NONE			8/19/93	9/1/93		9/1/93
SW7740 - Selenium	AAZ3__308302042	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93
SW8010 - Halogenated Volatile Organics	GCJAY1308251440	METHOD			8/19/93			8/25/93
SW8010 - Halogenated Volatile Organics	GCTEX1308242018	METHOD			8/19/93			8/25/93
SW8020 - Aromatic Volatile Organics	GCJAY2308251440	NONE			8/19/93			8/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2308242018	NONE			8/19/93			8/25/93
SW8270 - Semivolatile Organics	MSMSD1308251013	Set Funnel extraction	3510930824105000		8/19/93	8/24/93		8/25/93
Sample ID : 07-SW-05-01 N								
A403 - Alkalinity	G1-A-0-8/19/93	NONE			8/19/93			8/19/93
Diesel Range Organics	89717	METHOD	89717		8/19/93	8/26/93		8/27/93
E120.1 - Specific Conductance	G1-A-2-8/19/93	NONE			8/19/93			8/19/93
E150.1 - pH,Electrometric	G1-A-1-8/19/93	NONE			8/19/93			8/19/93
Gasoline Range Organics	89718	METHOD	89718		8/19/93	8/19/93		8/19/93
SW6010 - Metals	EMJA61309010000	ICP Digestion	IDIG930827080000		8/19/93	8/27/93		9/1/93
SW7060 - Arsenic	AAZ3__308301727	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3__308301408	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93
SW7470 - Mercury	AAZ4__309012045	NONE			8/19/93	9/1/93		9/1/93
SW7740 - Selenium	AAZ3__308302042	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93
SW8010 - Halogenated Volatile Organics	GCTEX1308242018	METHOD			8/19/93			8/25/93
SW8020 - Aromatic Volatile Organics	GCJAY2308251440	NONE			8/19/93			8/26/93
SW8020 - Aromatic Volatile Organics	GCTEX2308242018	NONE			8/19/93			8/25/93
SW8270 - Semivolatile Organics	MSMSD1308251013	Set Funnel extraction	3510930824105000		8/19/93	8/24/93		8/25/93
Sample ID : 07-SW-06-01 N								
A403 - Alkalinity	G1-A-0-8/19/93	NONE			8/19/93			8/19/93
Diesel Range Organics	89717	METHOD	89717		8/19/93	8/26/93		8/27/93
E120.1 - Specific Conductance	G1-A-2-8/19/93	NONE			8/19/93			8/19/93
E150.1 - pH,Electrometric	G1-A-1-8/19/93	NONE			8/19/93			8/19/93
Gasoline Range Organics	89718	METHOD	89718		8/19/93	8/19/93		8/19/93
SW6010 - Metals	EMJA61309010000	ICP Digestion	IDIG930827080000		8/19/93	8/27/93		9/1/93
SW7060 - Arsenic	AAZ3__308301727	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW7421 - Lead	AAZ3__308301408	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93
SW7470 - Mercury	AAZ4__309012045	NONE			8/19/93	9/1/93		9/1/93
SW7740 - Selenium	AAZ3__308302042	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93
SW8010 - Halogenated Volatile Organics	GCTEX1308242018	METHOD			8/19/93			8/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2308242018	NONE			8/19/93			8/25/93
SW8270 - Semivolatile Organics	MSMSD1308251013	Set Funnel extraction	3510930824105000		8/19/93	8/24/93		8/25/93
Sample ID : 07-SW-07-01 N								
A403 - Alkalinity	G1-A-0-8/19/93	NONE			8/19/93			8/19/93
Diesel Range Organics	89717	METHOD	89717		8/19/93	8/26/93		8/27/93
E120.1 - Specific Conductance	G1-A-2-8/19/93	NONE			8/19/93			8/19/93
E150.1 - pH,Electrometric	G1-A-1-8/19/93	NONE			8/19/93			8/19/93
Gasoline Range Organics	89718	METHOD	89718		8/19/93	8/19/93		8/19/93
SW6010 - Metals	EMJA61309010000	ICP Digestion	IDIG930827080000		8/19/93	8/27/93		9/1/93
SW7060 - Arsenic	AAZ3__308301727	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3__308301408	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93
SW7470 - Mercury	AAZ4__309012045	NONE			8/19/93	9/1/93		9/1/93
SW7740 - Selenium	AAZ3__308302042	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93		8/30/93
SW8010 - Halogenated Volatile Organics	GCTEX1308242018	METHOD			8/19/93			8/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2308242018	NONE			8/19/93			8/25/93
SW8270 - Semivolatile Organics	MSMSD1308251013	Set Funnel extraction	3510930824105000		8/19/93	8/24/93		8/26/93
Sample ID : 07-SW-07-EB-01 EB								
SW6010 - Metals	EMJA61309010000	ICP Digestion	IDIG930827080000		8/21/93	8/27/93		9/1/93
SW7060 - Arsenic	AAZ3__308301727	GFAA Digestion	GDIG930827083000		8/21/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3__308301408	GFAA Digestion	GDIG930827083000		8/21/93	8/27/93		8/30/93
SW7470 - Mercury	AAZ4__309012045	NONE			8/21/93	9/1/93		9/1/93
SW7740 - Selenium	AAZ3__308302042	GFAA Digestion	GDIG930827083000		8/21/93	8/27/93		8/30/93
Sample ID : 07A-SB-02-EB-02 EB								
SW6010 - Metals	EMJA61309010000	ICP Digestion	IDIG930827080000		8/21/93	8/27/93		9/1/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW7060 - Arsenic	AAZ3__308301727	GFAA Digestion	GDIG930827083000		8/21/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3__308301408	GFAA Digestion	GDIG930827083000		8/21/93	8/27/93		8/30/93
SW7470 - Mercury	AAZ4__309012045	NONE			8/21/93	9/1/93		9/1/93
SW7740 - Selenium	AAZ3__308302042	GFAA Digestion	GDIG930827083000		8/21/93	8/27/93		8/30/93
Sample ID : 08-GP-01-01 MS								
SW8010 - Halogenated Volatile Organics	GCJAY1310070958	METHOD			10/2/93			10/7/93
SW8010 - Halogenated Volatile Organics	GCTEX1310061111	METHOD			10/2/93			10/6/93
SW8020 - Aromatic Volatile Organics	GCJAY2310070958	NONE			10/2/93			10/7/93
SW8020 - Aromatic Volatile Organics	GCTEX2310061111	NONE			10/2/93			10/6/93
Sample ID : 08-GP-01-01 MSD								
SW8010 - Halogenated Volatile Organics	GCJAY1310070958	METHOD			10/2/93			10/7/93
SW8010 - Halogenated Volatile Organics	GCTEX1310061111	METHOD			10/2/93			10/6/93
SW8020 - Aromatic Volatile Organics	GCJAY2310070958	NONE			10/2/93			10/7/93
SW8020 - Aromatic Volatile Organics	GCTEX2310061111	NONE			10/2/93			10/6/93
Sample ID : 08-GP-01-01 N								
Diesel Range Organics	90182	METHOD	90182		10/2/93	10/11/93		10/11/93
Gasoline Range Organics	90181	METHOD	90181		10/2/93	10/10/93		10/10/93
SW8010 - Halogenated Volatile Organics	GCJAY1310070958	METHOD			10/2/93			10/7/93
SW8010 - Halogenated Volatile Organics	GCTEX1310061111	METHOD			10/2/93			10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		10/2/93	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		10/2/93	10/6/93		10/6/93
SW8020 - Aromatic Volatile Organics	GCJAY2310070958	NONE			10/2/93			10/7/93
SW8020 - Aromatic Volatile Organics	GCTEX2310061111	NONE			10/2/93			10/6/93
SW8270 - Semivolatile Organics	MSMSD2310110812	Set Funnel extraction	3510931006100000		10/2/93	10/6/93		10/11/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 08-GP-01-EB-01 EB								
Diesel Range Organics	90181	METHOD	90181		10/2/93	10/11/93		10/11/93
Gasoline Range Organics	90181	METHOD	90181		10/2/93	10/10/93		10/10/93
SW8010 - Halogenated Volatile Organics	GCJAY1310070958	METHOD			10/2/93			10/7/93
SW8010 - Halogenated Volatile Organics	GCTEX1310061111	METHOD			10/2/93			10/7/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		10/2/93	10/6/93		10/7/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		10/2/93	10/6/93		10/7/93
SW8020 - Aromatic Volatile Organics	GCJAY2310070958	NONE			10/2/93			10/7/93
SW8020 - Aromatic Volatile Organics	GCTEX2310061111	NONE			10/2/93			10/7/93
SW8270 - Semivolatile Organics	MSMSD2310110812	Set Funnel extraction	3510931006100000		10/2/93	10/6/93		10/11/93
Sample ID : 08-GP-02-01 N								
Diesel Range Organics	90182	METHOD	90182		10/2/93	10/11/93		10/11/93
Gasoline Range Organics	90181	METHOD	90181		10/2/93	10/10/93		10/10/93
SW8010 - Halogenated Volatile Organics	GCTEX1310061111	METHOD			10/2/93			10/7/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		10/2/93	10/6/93		10/7/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		10/2/93	10/6/93		10/7/93
SW8020 - Aromatic Volatile Organics	GCJAY2310070958	NONE			10/2/93			10/7/93
SW8020 - Aromatic Volatile Organics	GCTEX2310061111	NONE			10/2/93			10/7/93
SW8270 - Semivolatile Organics	MSMSD2310110812	Set Funnel extraction	3510931006100000		10/2/93	10/6/93		10/11/93
Sample ID : 08-GP-03-01 N								
Diesel Range Organics	90181	METHOD	90181		10/3/93	10/11/93		10/11/93
Gasoline Range Organics	90181	METHOD	90181		10/3/93	10/10/93		10/10/93
SW8010 - Halogenated Volatile Organics	GCTEX1310061111	METHOD			10/3/93			10/7/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		10/3/93	10/6/93		10/7/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		10/3/93	10/6/93		10/7/93
SW8020 - Aromatic Volatile Organics	GCJAY2310070958	NONE			10/3/93			10/7/93
SW8020 - Aromatic Volatile Organics	GCTEX2310061111	NONE			10/3/93			10/7/93
SW8270 - Semivolatile Organics	MSMSD2310110812	Set Funnel extraction	3510931006100000		10/3/93	10/6/93		10/11/93

Compiled: 21 [redacted] 1994 N = Normal Sample MS = Matrix Spike MSD = [redacted] Spike Duplicate FD = Field Duplicate

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 08-SB-01-EB-01 EB								
Gasoline Range Organics	90168	METHOD	90168		9/29/93	10/9/93		10/9/93
Sample ID : 08-SW-01-01 N								
Diesel Range Organics	90168	METHOD	90168		9/29/93	10/7/93		10/7/93
E120.1 - Specific Conductance	G1-A-812-9/29/93	NONE			9/29/93			9/29/93
E150.1 - pH,Electrometric	G1-A-813-9/29/93	NONE			9/29/93			9/29/93
E170.1 - Temperature	G1-A-811-9/29/93	NONE			9/29/93			9/29/93
Gasoline Range Organics	90168	METHOD	90168		9/29/93	10/9/93		10/9/93
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/29/93			10/4/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8020 - Aromatic Volatile Organics	GCPEA2310041056	NONE			9/29/93			10/4/93
SW8270 - Semivolatile Organics	MSMSD2310080817	Set Funnel extraction	3510931004100000		9/29/93	10/4/93		10/8/93
Sample ID : 08-SW-01-DS-01 FD								
Diesel Range Organics	90168	METHOD	90168		9/29/93	10/7/93		10/7/93
Gasoline Range Organics	90168	METHOD	90168		9/29/93	10/9/93		10/9/93
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/29/93			10/4/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8020 - Aromatic Volatile Organics	GCPEA2310041056	NONE			9/29/93			10/4/93
SW8270 - Semivolatile Organics	MSMSD2310080817	Set Funnel extraction	3510931004100000		9/29/93	10/4/93		10/8/93
Sample ID : 08-SW-01-DS-01 MS								
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/29/93			10/4/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8020 - Aromatic Volatile Organics	GCPEA2310041056	NONE			9/29/93			10/4/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8270 - Semivolatile Organics	MSMSD2310080817	Set Funnel extraction	3510931004100000		9/29/93	10/4/93		10/8/93
Sample ID : 08-SW-01-DS-01 MSD								
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/29/93			10/4/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8020 - Aromatic Volatile Organics	GCPEA2310041056	NONE			9/29/93			10/4/93
SW8270 - Semivolatile Organics	MSMSD2310080817	Set Funnel extraction	3510931004100000		9/29/93	10/4/93		10/8/93
Sample ID : 08-SW-01-DS-01 N								
E120.1 - Specific Conductance	G1-A81D2-9/29/93	NONE			9/29/93			9/29/93
E150.1 - pH,Electrometric	G1-A81D3-9/29/93	NONE			9/29/93			9/29/93
E170.1 - Temperature	G1-A81D1-9/29/93	NONE			9/29/93			9/29/93
Sample ID : 08-SW-02-01 N								
Diesel Range Organics	90168	METHOD	90168		9/29/93	10/7/93		10/7/93
E120.1 - Specific Conductance	G1-A-822-9/29/93	NONE			9/29/93			9/29/93
E150.1 - pH,Electrometric	G1-A-823-9/29/93	NONE			9/29/93			9/29/93
E170.1 - Temperature	G1-A-821-9/29/93	NONE			9/29/93			9/29/93
Gasoline Range Organics	90168	METHOD	90168		9/29/93	10/9/93		10/9/93
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/29/93			10/4/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8020 - Aromatic Volatile Organics	GCPEA2310041056	NONE			9/29/93			10/4/93
SW8270 - Semivolatile Organics	MSMSD2310080817	Set Funnel extraction	3510931004100000		9/29/93	10/4/93		10/8/93
Sample ID : 08-SW-03-01 N								
Diesel Range Organics	90168	METHOD	90168		9/29/93	10/7/93		10/7/93
E120.1 - Specific Conductance	G1-A-832-9/29/93	NONE			9/29/93			9/29/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
E150.1 - pH,Electrometric	G1-A-833-9/29/93	NONE			9/29/93			9/29/93
E170.1 - Temperature	G1-A-831-9/29/93	NONE			9/29/93			9/29/93
Gasoline Range Organics	90168	METHOD	90168		9/29/93	10/9/93		10/9/93
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/29/93			10/4/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8020 - Aromatic Volatile Organics	GCPEA2310041056	NONE			9/29/93			10/4/93
SW8270 - Semivolatile Organics	MSMSD2310080817	Set Funnel extraction	3510931004100000		9/29/93	10/4/93		10/8/93
Sample ID : 09-MW-01-03 N								
A403 - Alkalinity	G1-A-0-6/13/93	NONE			6/13/93			6/13/93
Diesel Range Organics	88964	METHOD	88964		6/13/93	6/21/93		6/21/93
E120.1 - Specific Conductance	G1-A-0-6/13/93	NONE			6/13/93			6/13/93
E150.1 - pH,Electrometric	G1-A-1-6/13/93	NONE			6/13/93			6/13/93
E170.1 - Temperature	G1-A-2-6/13/93	NONE			6/13/93			6/13/93
E180.1 - Turbidity	G1-A-3-6/13/93	NONE			6/13/93			6/13/93
Gasoline Range Organics	88964	METHOD	88964		6/13/93	6/23/93		6/23/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930621170000		6/13/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3__306300800	GFAA Digestion	GDIG930623160000		6/13/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2__306251600	GFAA Digestion	GDIG930623160000		6/13/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ3__306242300	NONE			6/13/93	6/24/93		6/24/93
SW7470 - Mercury	AAZ4__306242300	NONE			6/13/93	6/24/93		6/24/93
SW7740 - Selenium	AAZ4__307081152	GFAA Digestion	GDIG930623160000		6/13/93	6/23/93		7/8/93
SW8010 - Halogenated Volatile Organics	GCQUE1306231533	METHOD			6/13/93			6/24/93
SW8010 - Halogenated Volatile Organics	GCTEX1306230530	METHOD			6/13/93			6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/13/93	6/18/93		6/18/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/13/93	6/18/93		6/18/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/13/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/13/93			6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7A306231200	Set Funnel extraction	3510930616155500		6/13/93	6/16/93		6/24/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7B306231200	Set Funnel extraction	3510930616155500		6/13/93	6/18/93		6/24/93
SW8270 - Semivolatile Organics	MSMSD2306220822	Set Funnel extraction	3510930618112000		6/13/93	6/18/93		6/22/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 09-MW-01-03 ND								
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930621170000		6/13/93	6/21/93		6/23/93
SW7470 - Mercury	AAZ3__306242300	NONE			6/13/93	6/24/93		6/24/93
SW7470 - Mercury	AAZ4__306242300	NONE			6/13/93	6/24/93		6/24/93
Sample ID : 09-MW-02-03 N								
A403 - Alkalinity	G1-A-0-6/13/93	NONE			6/13/93			6/13/93
Diesel Range Organics	88964	METHOD	88964		6/13/93	6/21/93		6/22/93
E120.1 - Specific Conductance	G1-A-0-6/13/93	NONE			6/13/93			6/13/93
E150.1 - pH,Electrometric	G1-A-1-6/13/93	NONE			6/13/93			6/13/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306161600	NONE			6/13/93	6/16/93		6/16/93
E170.1 - Temperature	G1-A-2-6/13/93	NONE			6/13/93			6/13/93
E180.1 - Turbidity	G1-A-3-6/13/93	NONE			6/13/93			6/13/93
E300 - Anions	WLICXC306231300	NONE			6/13/93			6/23/93
E300 - Anions	WLICXS306231300	NONE			6/13/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/13/93			6/30/93
Gasoline Range Organics	88964	METHOD	88964		6/13/93	6/21/93		6/21/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930621170000		6/13/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3__306300800	GFAA Digestion	GDIG930623160000		6/13/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2__306251600	GFAA Digestion	GDIG930623160000		6/13/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ3__306242300	NONE			6/13/93	6/24/93		6/24/93
SW7470 - Mercury	AAZ4__306242300	NONE			6/13/93	6/24/93		6/24/93
SW7740 - Selenium	AAZ4__307090859	GFAA Digestion	GDIG930623160000		6/13/93	6/23/93		7/9/93
SW8010 - Halogenated Volatile Organics	GCQUE1306231533	METHOD			6/13/93			6/24/93
SW8010 - Halogenated Volatile Organics	GCTEX1306230530	METHOD			6/13/93			6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/13/93	6/18/93		6/18/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/13/93	6/18/93		6/18/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/13/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/13/93			6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7A306231200	Set Funnel extraction	3510930616155500		6/13/93	6/16/93		6/24/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7B306231200	Set Funnel extraction	3510930616155500		6/13/93	6/18/93		6/24/93
SW8270 - Semivolatile Organics	MSMSD2306220822	Set Funnel extraction	3510930618112000		6/13/93	6/18/93		6/22/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 09-MW-03-03 N								
A403 - Alkalinity	G1-A-0-6/14/93	NONE			6/14/93			6/14/93
Diesel Range Organics	88964	METHOD	88964		6/14/93	6/21/93		6/22/93
E120.1 - Specific Conductance	G1-A-1-6/14/93	NONE			6/14/93			6/14/93
E150.1 - pH,Electrometric	G1-A-2-6/14/93	NONE			6/14/93			6/14/93
E170.1 - Temperature	G1-A-3-6/14/93	NONE			6/14/93			6/14/93
E180.1 - Turbidity	G1-A-4-6/14/93	NONE			6/14/93			6/14/93
Gasoline Range Organics	88964	METHOD	88964		6/14/93	6/22/93		6/22/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930621170000		6/14/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930625090000		6/14/93	6/25/93		7/2/93
SW7421 - Lead	AAZ2__307060800	GFAA Digestion	GDIG930625090000		6/14/93	6/25/93		7/6/93
SW7470 - Mercury	AAZ3__306242300	NONE			6/14/93	6/24/93		6/25/93
SW7470 - Mercury	AAZ4__306242300	NONE			6/14/93	6/24/93		6/25/93
SW7740 - Selenium	AAZ4__307141031	GFAA Digestion	GDIG930625090000		6/14/93	6/25/93		7/14/93
SW8010 - Halogenated Volatile Organics	GCQUE1306271713	METHOD			6/14/93			6/28/93
SW8010 - Halogenated Volatile Organics	GCTEX1306222319	METHOD			6/14/93			6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/14/93	6/18/93		6/18/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/14/93	6/18/93		6/18/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/14/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/14/93			6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306221200	Set Funnel extraction	3510930617120300		6/14/93	6/17/93		6/23/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306221200	Set Funnel extraction	3510930617120300		6/14/93	6/17/93		6/23/93
SW8270 - Semivolatile Organics	MSMSD2306220822	Set Funnel extraction	3510930618112000		6/14/93	6/18/93		6/22/93
Sample ID : 09-MW-04-03 N								
A403 - Alkalinity	G1-A-0-6/14/93	NONE			6/14/93			6/14/93
Diesel Range Organics	88964	METHOD	88964		6/14/93	6/21/93		6/22/93
E120.1 - Specific Conductance	G1-A-1-6/14/93	NONE			6/14/93			6/14/93
E150.1 - pH,Electrometric	G1-A-2-6/14/93	NONE			6/14/93			6/14/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306181600	NONE			6/14/93	6/18/93		6/18/93
E170.1 - Temperature	G1-A-3-6/14/93	NONE			6/14/93			6/14/93
E180.1 - Turbidity	G1-A-4-6/14/93	NONE			6/14/93			6/14/93
E300 - Anions	WLICXC306231300	NONE			6/14/93			6/23/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
E300 - Anions	WLICXS306231300	NONE			6/14/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/14/93			6/30/93
Gasoline Range Organics	88964	METHOD	88964		6/14/93	6/23/93		6/23/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930621170000		6/14/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930625090000		6/14/93	6/25/93		7/2/93
SW7421 - Lead	AAZ2__307060800	GFAA Digestion	GDIG930625090000		6/14/93	6/25/93		7/6/93
SW7470 - Mercury	AAZ3__306242300	NONE			6/14/93	6/24/93		6/25/93
SW7470 - Mercury	AAZ4__306242300	NONE			6/14/93	6/24/93		6/25/93
SW7740 - Selenium	AAZ4__307141031	GFAA Digestion	GDIG930625090000		6/14/93	6/25/93		7/14/93
SW8010 - Halogenated Volatile Organics	GCQUE1306271713	METHOD			6/14/93			6/28/93
SW8010 - Halogenated Volatile Organics	GCTEX1306222319	METHOD			6/14/93			6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/14/93	6/18/93		6/18/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/14/93	6/18/93		6/18/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/14/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/14/93			6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306221200	Set Funnel extraction	3510930617120300		6/14/93	6/17/93		6/23/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306221200	Set Funnel extraction	3510930617120300		6/14/93	6/17/93		6/23/93
SW8270 - Semivolatile Organics	MSMSD2306220822	Set Funnel extraction	3510930618112000		6/14/93	6/18/93		6/22/93
Sample ID : 09-MW-04-03 ND								
E160.1 - Residue, Filterable (TDS)	WLTDS_306181600	NONE			6/14/93	6/18/93		6/18/93
Sample ID : 09-MW-05-03 N								
A403 - Alkalinity	G1-A-0-6/14/93	NONE			6/14/93			6/14/93
Diesel Range Organics	88964	METHOD	88964		6/14/93	6/21/93		6/22/93
E120.1 - Specific Conductance	G1-A-1-6/14/93	NONE			6/14/93			6/14/93
E150.1 - pH,Electrometric	G1-A-2-6/14/93	NONE			6/14/93			6/14/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306181600	NONE			6/14/93	6/18/93		6/18/93
E170.1 - Temperature	G1-A-3-6/14/93	NONE			6/14/93			6/14/93
E180.1 - Turbidity	G1-A-4-6/14/93	NONE			6/14/93			6/14/93
E300 - Anions	WLICXC306231300	NONE			6/14/93			6/23/93
E300 - Anions	WLICXS306231300	NONE			6/14/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/14/93			6/30/93

Compiled: 21 A[redacted] 1994 N = Normal Sample MS = Matrix Spike MSD = M[redacted] Spike Duplicate FD = Field Duplicate

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Gasoline Range Organics	88964	METHOD	88964		6/14/93	6/22/93		6/22/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930621170000		6/14/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930625090000		6/14/93	6/25/93		7/2/93
SW7421 - Lead	AAZ2__307060800	GFAA Digestion	GDIG930625090000		6/14/93	6/25/93		7/6/93
SW7470 - Mercury	AAZ3__306242300	NONE			6/14/93	6/24/93		6/25/93
SW7470 - Mercury	AAZ4__306242300	NONE			6/14/93	6/24/93		6/25/93
SW7740 - Selenium	AAZ4__307141031	GFAA Digestion	GDIG930625090000		6/14/93	6/25/93		7/14/93
SW8010 - Halogenated Volatile Organics	GCQUE1306271713	METHOD			6/14/93			6/28/93
SW8010 - Halogenated Volatile Organics	GCTEX1306230530	METHOD			6/14/93			6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/14/93	6/18/93		6/18/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/14/93	6/18/93		6/18/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/14/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/14/93			6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306221200	Set Funnel extraction	3510930617120300		6/14/93	6/17/93		6/24/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306221200	Set Funnel extraction	3510930617120300		6/14/93	6/17/93		6/24/93
SW8270 - Semivolatile Organics	MSMSD2306220822	Set Funnel extraction	3510930618112000		6/14/93	6/18/93		6/22/93
Sample ID : 09-MW-06-03 N								
A403 - Alkalinity	G1-A-0-6/14/93	NONE			6/14/93			6/14/93
Diesel Range Organics	88964	METHOD	88964		6/14/93	6/21/93		6/22/93
E120.1 - Specific Conductance	G1-A-1-6/14/93	NONE			6/14/93			6/14/93
E150.1 - pH,Electrometric	G1-A-2-6/14/93	NONE			6/14/93			6/14/93
E170.1 - Temperature	G1-A-3-6/14/93	NONE			6/14/93			6/14/93
E180.1 - Turbidity	G1-A-4-6/14/93	NONE			6/14/93			6/14/93
Gasoline Range Organics	88964	METHOD	88964		6/14/93	6/22/93		6/22/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930621170000		6/14/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930625090000		6/14/93	6/25/93		7/2/93
SW7421 - Lead	AAZ2__307060800	GFAA Digestion	GDIG930625090000		6/14/93	6/25/93		7/6/93
SW7470 - Mercury	AAZ3__306242300	NONE			6/14/93	6/24/93		6/25/93
SW7470 - Mercury	AAZ4__306242300	NONE			6/14/93	6/24/93		6/25/93
SW7740 - Selenium	AAZ4__307141031	GFAA Digestion	GDIG930625090000		6/14/93	6/25/93		7/14/93
SW8010 - Halogenated Volatile Organics	GCQUE1306271713	METHOD			6/14/93			6/28/93
SW8010 - Halogenated Volatile Organics	GCTEX1306230530	METHOD			6/14/93			6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/14/93	6/18/93		6/18/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/14/93	6/18/93		6/18/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/14/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/14/93			6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306221200	Set Funnel extraction	3510930617120300		6/14/93	6/17/93		6/24/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306221200	Set Funnel extraction	3510930617120300		6/14/93	6/17/93		6/24/93
SW8270 - Semivolatile Organics	MSMSD2306220822	Set Funnel extraction	3510930618112000		6/14/93	6/18/93		6/22/93
Sample ID : 09-MW-06-03 ND								
SW7060 - Arsenic	AAZ3__307020800	GFAA Digestion	GDIG930625090000		6/14/93	6/25/93		7/2/93
SW7421 - Lead	AAZ2__307060800	GFAA Digestion	GDIG930625090000		6/14/93	6/25/93		7/6/93
SW7740 - Selenium	AAZ4__307141031	GFAA Digestion	GDIG930625090000		6/14/93	6/25/93		7/14/93
Sample ID : 09-MW-15-01 MS								
SW8010 - Halogenated Volatile Organics	GCJAY1309231030	METHOD			9/14/93			9/23/93
SW8020 - Aromatic Volatile Organics	GCJAY2309231030	NONE			9/14/93			9/23/93
Sample ID : 09-MW-15-01 MSD								
SW8010 - Halogenated Volatile Organics	GCJAY1309231030	METHOD			9/14/93			9/23/93
SW8020 - Aromatic Volatile Organics	GCJAY2309231030	NONE			9/14/93			9/23/93
Sample ID : 09-MW-15-01 N								
A403 - Alkalinity	G1-A-0-9/14/93	NONE			9/14/93			9/14/93
Diesel Range Organics	90018	METHOD	90018		9/14/93	9/22/93		9/23/93
E120.1 - Specific Conductance	G1-A-3-9/14/93	NONE			9/14/93			9/14/93
E150.1 - pH,Electrometric	G1-A-2-9/14/93	NONE			9/14/93			9/14/93
E160.1 - Residue, Filterable (TDS)	WLTDS_309170300	NONE			9/14/93	9/17/93		9/17/93
E160.2 - Residue, Non-Filterable	WLTSS_309170300	NONE			9/14/93	9/17/93		9/17/93
E170.1 - Temperature	G1-A-1-9/14/93	NONE			9/14/93			9/14/93
E300 - Anions	WLICXC309251400	NONE			9/14/93			9/25/93
E300 - Anions	WLICXS309251300	NONE			9/14/93			9/25/93

Compiled: 21 [redacted] 1994 N = Normal Sample MS = Matrix Spike MSD = [redacted] Spike Duplicate FD = Field Duplicate

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
E353.1 - Nitrate-Nitrite	WLTRAC310111600	NONE			9/14/93			10/11/93
Gasoline Range Organics	90018	METHOD	90018		9/14/93	9/24/93		9/24/93
SW6010 - Metals	EMJA61309240100	ICP Digestion	IDIG930921081500		9/14/93	9/21/93		9/24/93
SW7060 - Arsenic	AAZ3__309290855	GFAA Digestion	GDIG930921080000		9/14/93	9/21/93		9/29/93
SW7421 - Lead	AAZ1__309281100	GFAA Digestion	GDIG930921080000		9/14/93	9/21/93		9/28/93
SW7470 - Mercury	AAZ4__309232100	NONE			9/14/93	9/23/93		9/23/93
SW7740 - Selenium	AAZ3__310071045	GFAA Digestion	GDIG930921080000		9/14/93	9/21/93		10/7/93
SW8010 - Halogenated Volatile Organics	GCTEX1309221032	METHOD			9/14/93			9/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/14/93	9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/14/93	9/24/93		9/24/93
SW8020 - Aromatic Volatile Organics	GCJAY2309231030	NONE			9/14/93			9/23/93
SW8020 - Aromatic Volatile Organics	GCTEX2309221032	NONE			9/14/93			9/23/93
SW8270 - Semivolatile Organics	MSMSD1309230953	Set Funnel extraction	3510930920110000		9/14/93	9/20/93		9/23/93
Sample ID : 09-MW-15-01 ND								
E160.1 - Residue, Filterable (TDS)	WLTDS_309170300	NONE			9/14/93	9/17/93		9/17/93
Sample ID : 09-SB-01-EB-04 EB								
Gasoline Range Organics	89654	METHOD	89654		8/14/93	8/23/93		8/23/93
SW7060 - Arsenic	AAZ3__308301727	GFAA Digestion	GDIG930827083000		8/14/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3__308301408	GFAA Digestion	GDIG930827083000		8/14/93	8/27/93		8/30/93
SW8240 - Volatile Organics	VOA*93228	METHOD			8/14/93			8/18/93
SW8270 - Semivolatile Organics	MSMSD1308221135	Set Funnel extraction	3510930819123600		8/14/93	8/19/93		8/22/93
Sample ID : 09-SB-01-EB-04 EBD								
SW8240 - Volatile Organics	93228	METHOD			8/14/93			8/18/93
Sample ID : 10-GP-01-01 N								
Diesel Range Organics	90182	METHOD	90182		10/3/93	10/11/93		10/11/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Gasoline Range Organics	90181	METHOD	90181		10/3/93	10/10/93		10/10/93
Sample ID : 10-GP-02-01 N								
Diesel Range Organics	90182	METHOD	90182		10/3/93	10/11/93		10/11/93
Gasoline Range Organics	90181	METHOD	90181		10/3/93	10/10/93		10/10/93
Sample ID : 10-MW-01-03 MS								
SW8010 - Halogenated Volatile Organics	GCTEX1306152237	METHOD			6/8/93			6/16/93
Sample ID : 10-MW-01-03 MSD								
SW8010 - Halogenated Volatile Organics	GCTEX1306152237	METHOD			6/8/93			6/16/93
Sample ID : 10-MW-01-03 N								
A403 - Alkalinity	G1-A-0-6/08/93	NONE			6/8/93			6/8/93
Diesel Range Organics	88937	METHOD	88937		6/8/93	6/16/93		6/17/93
E120.1 - Specific Conductance	G1-A-1-6/08/93	NONE			6/8/93			6/8/93
E150.1 - pH,Electrometric	G1-A-2-6/08/93	NONE			6/8/93			6/8/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306181600	NONE			6/8/93	6/18/93		6/18/93
E170.1 - Temperature	G1-A-3-6/08/93	NONE			6/8/93			6/8/93
E180.1 - Turbidity	G1-A-4-6/08/93	NONE			6/8/93			6/8/93
E300 - Anions	WLICXC306231300	NONE			6/8/93			6/23/93
E300 - Anions	WLICXS306231300	NONE			6/8/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/8/93			6/30/93
Gasoline Range Organics	88937	METHOD	88937		6/8/93	6/17/93		6/17/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930617080000		6/8/93	6/17/93		6/23/93
SW7060 - Arsenic	AAZ3__306300800	GFAA Digestion	GDIG930623160000		6/8/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2__306251600	GFAA Digestion	GDIG930623160000		6/8/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ4__306220000	NONE			6/8/93	6/21/93		6/22/93
SW7740 - Selenium	AAZ4__307090859	GFAA Digestion	GDIG930623160000		6/8/93	6/23/93		7/9/93

Compiled: 21 A[redacted]1994 N = Normal Sample MS = Matrix Spike MSD = M[redacted] Spike Duplicate FD = Field Duplicate

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8010 - Halogenated Volatile Organics	GCPEA1306201359	METHOD			6/8/93			6/21/93
SW8010 - Halogenated Volatile Organics	GCQUE1306211026	METHOD			6/8/93			6/21/93
SW8010 - Halogenated Volatile Organics	GCTEX1306152237	METHOD			6/8/93			6/16/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/8/93	6/14/93		6/15/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/8/93	6/14/93		6/15/93
SW8020 - Aromatic Volatile Organics	GCKAY2306211455	NONE			6/8/93			6/22/93
SW8020 - Aromatic Volatile Organics	GCTEX2306152237	NONE			6/8/93			6/16/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306181200	Set Funnel extraction	3510930611162000		6/8/93	6/11/93		6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306181200	Set Funnel extraction	3510930611162000		6/8/93	6/11/93		6/19/93
SW8270 - Semivolatile Organics	MSMSD2306150816	Set Funnel extraction	3510930614100500		6/8/93	6/14/93		6/15/93
SW8270 - Semivolatile Organics	MSMSD2306160814	Set Funnel extraction	3510930614100500		6/8/93	6/14/93		6/16/93
Sample ID : 10-MW-02-03 N								
A403 - Alkalinity	G1-A-0-6/08/93	NONE			6/8/93			6/8/93
Diesel Range Organics	88937	METHOD	88937		6/8/93	6/16/93		6/17/93
E120.1 - Specific Conductance	G1-A-1-6/08/93	NONE			6/8/93			6/8/93
E150.1 - pH,Electrometric	G1-A-2-6/08/93	NONE			6/8/93			6/8/93
E170.1 - Temperature	G1-A-3-6/08/93	NONE			6/8/93			6/8/93
E180.1 - Turbidity	G1-A-4-6/08/93	NONE			6/8/93			6/8/93
Gasoline Range Organics	88937	METHOD	88937		6/8/93	6/17/93		6/17/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930617080000		6/8/93	6/17/93		6/23/93
SW7060 - Arsenic	AAZ3__306300800	GFAA Digestion	GDIG930623160000		6/8/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2__306251600	GFAA Digestion	GDIG930623160000		6/8/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ4__306220000	NONE			6/8/93	6/21/93		6/22/93
SW7740 - Selenium	AAZ4__307090859	GFAA Digestion	GDIG930623160000		6/8/93	6/23/93		7/9/93
SW8010 - Halogenated Volatile Organics	GCPEA1306201359	METHOD			6/8/93			6/21/93
SW8010 - Halogenated Volatile Organics	GCQUE1306211026	METHOD			6/8/93			6/21/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/8/93	6/14/93		6/15/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/8/93	6/14/93		6/15/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/8/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/8/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCTEX2306152237	NONE			6/8/93			6/16/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306181200	Set Funnel extraction	3510930611162000		6/8/93	6/11/93		6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306181200	Set Funnel extraction	3510930611162000		6/8/93	6/11/93		6/19/93
SW8270 - Semivolatile Organics	MSMSD2306150816	Set Funnel extraction	3510930614100500		6/8/93	6/14/93		6/15/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 10-MW-03-03 N								
A403 - Alkalinity	G1-A-0-6/07/93	NONE			6/7/93			6/7/93
Diesel Range Organics	88865	METHOD	88865		6/7/93	6/15/93		6/16/93
E120.1 - Specific Conductance	G1-A-1-6/07/93	NONE			6/7/93			6/7/93
E150.1 - pH,Electrometric	G1-A-2-6/07/93	NONE			6/7/93			6/7/93
E170.1 - Temperature	G1-A-3-6/07/93	NONE			6/7/93			6/7/93
E180.1 - Turbidity	G1-A-4-6/07/93	NONE			6/7/93			6/7/93
Gasoline Range Organics	88865	METHOD	88865		6/7/93	6/16/93		6/16/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930617080000		6/7/93	6/17/93		6/23/93
SW7060 - Arsenic	AAZ3__306300800	GFAA Digestion	GDIG930623160000		6/7/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2__306251600	GFAA Digestion	GDIG930623160000		6/7/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ4__306172100	NONE			6/7/93	6/17/93		6/18/93
SW7740 - Selenium	AAZ4__307080820	GFAA Digestion	GDIG930623160000		6/7/93	6/23/93		7/8/93
SW7740 - Selenium	AAZ4__307081152	GFAA Digestion	GDIG930623160000		6/7/93	6/23/93		7/8/93
SW8010 - Halogenated Volatile Organics	GCQUE1306091614	METHOD			6/7/93			6/10/93
SW8010 - Halogenated Volatile Organics	GCTEX1306141311	METHOD			6/7/93			6/15/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/7/93	6/14/93		6/14/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/7/93	6/14/93		6/14/93
SW8020 - Aromatic Volatile Organics	GCQUE2306091614	NONE			6/7/93			6/10/93
SW8020 - Aromatic Volatile Organics	GCQUE2306141634	NONE			6/7/93			6/14/93
SW8020 - Aromatic Volatile Organics	GCTEX2306141311	NONE			6/7/93			6/15/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306141200	Set Funnel extraction	3510930610145900		6/7/93	6/10/93		6/15/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306141200	Set Funnel extraction	3510930610145900		6/7/93	6/10/93		6/15/93
SW8270 - Semivolatile Organics	MSMSD2306140820	Set Funnel extraction	3510930610100000		6/7/93	6/10/93		6/14/93
Sample ID : 10-MW-04-01 MS								
E353.1 - Nitrate-Nitrite	WLTRAC310081900	NONE			9/12/93			10/8/93
Sample ID : 10-MW-04-01 MSD								
E353.1 - Nitrate-Nitrite	WLTRAC310081900	NONE			9/12/93			10/8/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 10-MW-04-01 N								
A403 - Alkalinity	G1-A-0-9/12/93	NONE			9/12/93			9/12/93
Diesel Range Organics	89999	METHOD	89999		9/12/93	9/22/93		9/22/93
E120.1 - Specific Conductance	G1-A-3-9/12/93	NONE			9/12/93			9/12/93
E150.1 - pH,Electrometric	G1-A-2-9/12/93	NONE			9/12/93			9/12/93
E160.1 - Residue, Filterable (TDS)	WLTDS_309170300	NONE			9/12/93	9/17/93		9/17/93
E160.2 - Residue, Non-Filterable	WLTSS_309170300	NONE			9/12/93	9/17/93		9/17/93
E170.1 - Temperature	G1-A-1-9/12/93	NONE			9/12/93			9/12/93
E300 - Anions	WLICXC309251400	NONE			9/12/93			9/25/93
E300 - Anions	WLICXS309251300	NONE			9/12/93			9/25/93
E353.1 - Nitrate-Nitrite	WLTRAC310081900	NONE			9/12/93			10/8/93
Gasoline Range Organics	89999	METHOD	89999		9/12/93	9/21/93		9/21/93
SW6010 - Metals	EMJA61309171000	ICP Digestion	IDIG930915081500		9/12/93	9/15/93		9/17/93
SW7060 - Arsenic	AAZ3__309171648	GFAA Digestion	GDIG930915081500		9/12/93	9/15/93		9/17/93
SW7421 - Lead	AAZ1__309161600	GFAA Digestion	GDIG930915081500		9/12/93	9/15/93		9/16/93
SW7421 - Lead	AAZ2__309201600	GFAA Digestion	GDIG930915081500		9/12/93	9/15/93		9/20/93
SW7470 - Mercury	AAZ4__309142145	NONE			9/12/93	9/14/93		9/14/93
SW7740 - Selenium	AAZ3__309172036	GFAA Digestion	GDIG930915081500		9/12/93	9/15/93		9/17/93
SW8010 - Halogenated Volatile Organics	GCJAY1309150130	METHOD			9/12/93			9/15/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/12/93	9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/12/93	9/24/93		9/24/93
SW8020 - Aromatic Volatile Organics	GCJAY2309150130	NONE			9/12/93			9/15/93
SW8020 - Aromatic Volatile Organics	GCPEA2309201524	NONE			9/12/93			9/21/93
SW8270 - Semivolatile Organics	MSMSD1309201450	Set Funnel extraction	3510930916132500		9/12/93	9/16/93		9/20/93
Sample ID : 10-MW-04-01 ND								
E353.1 - Nitrate-Nitrite	WLTRAC310081900	NONE			9/12/93			10/8/93
Sample ID : 10-SB-04-EB-04 EB								
Gasoline Range Organics	89642	METHOD	89642		8/12/93	8/18/93		8/18/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW7060 - Arsenic	AAZ3__308301727	GFAA Digestion	GDIG930827083000		8/12/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3__308301408	GFAA Digestion	GDIG930827083000		8/12/93	8/27/93		8/30/93
SW8240 - Volatile Organics	VOA*93228	METHOD			8/12/93			8/18/93
SW8270 - Semivolatile Organics	MSMSD1308190856	Set Funnel extraction	3510930817104500		8/12/93	8/17/93		8/19/93
Sample ID : 10-SB-04-EB-04 EBD								
SW8240 - Volatile Organics	93228	METHOD			8/12/93			8/18/93
Sample ID : 10-SS-12-EB-01 EB								
SW7060 - Arsenic	AAZ3__308301727	GFAA Digestion	GDIG930827083000		8/13/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3__308301408	GFAA Digestion	GDIG930827083000		8/13/93	8/27/93		8/30/93
Sample ID : 11-SS-10-EB-01 EB								
SW7060 - Arsenic	AAZ3__308301727	GFAA Digestion	GDIG930827083000		8/21/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3__308301408	GFAA Digestion	GDIG930827083000		8/21/93	8/27/93		8/30/93
Sample ID : 12-MW-01-03 N								
A403 - Alkalinity	G1-A-0-6/06/93	NONE			6/6/93			6/6/93
Diesel Range Organics	88865	METHOD	88865		6/6/93	6/15/93		6/16/93
E120.1 - Specific Conductance	G1-A-1-6/06/93	NONE			6/6/93			6/6/93
E150.1 - pH,Electrometric	G1-A-2-6/06/93	NONE			6/6/93			6/6/93
E170.1 - Temperature	G1-A-3-6/06/93	NONE			6/6/93			6/6/93
E180.1 - Turbidity	G1-A-4-6/06/93	NONE			6/6/93			6/6/93
Gasoline Range Organics	88865	METHOD	88865		6/6/93	6/15/93		6/15/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930617080000		6/6/93	6/17/93		6/23/93
SW7060 - Arsenic	AAZ3__306300800	GFAA Digestion	GDIG930623160000		6/6/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2__306251600	GFAA Digestion	GDIG930623160000		6/6/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ4__306172100	NONE			6/6/93	6/17/93		6/17/93
SW7740 - Selenium	AAZ4__307090859	GFAA Digestion	GDIG930623160000		6/6/93	6/23/93		7/9/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8010 - Halogenated Volatile Organics	GCQUE1306091614	METHOD			6/6/93			6/9/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/6/93	6/14/93		6/14/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/6/93	6/14/93		6/14/93
SW8020 - Aromatic Volatile Organics	GCQUE2306091614	NONE			6/6/93			6/9/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306141200	Set Funnel extraction	3510930610145900		6/6/93	6/10/93		6/15/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306141200	Set Funnel extraction	3510930610145900		6/6/93	6/10/93		6/15/93
SW8270 - Semivolatile Organics	MSMSD2306140820	Set Funnel extraction	3510930610100000		6/6/93	6/10/93		6/14/93
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCC_306221200	SW3520 - Liquid/liquid	3520930610165000		6/6/93	6/10/93		6/22/93
Sample ID : 12-MW-01-03 ND								
SW7470 - Mercury	AAZ4__306172100	NONE			6/6/93	6/17/93		6/17/93
Sample ID : 12-MW-02-03 N								
A403 - Alkalinity	G1-A-0-6/07/93	NONE			6/7/93			6/7/93
Diesel Range Organics	88865	METHOD	88865		6/7/93	6/15/93		6/16/93
E120.1 - Specific Conductance	G1-A-1-6/07/93	NONE			6/7/93			6/7/93
E150.1 - pH,Electrometric	G1-A-2-6/07/93	NONE			6/7/93			6/7/93
E170.1 - Temperature	G1-A-3-6/07/93	NONE			6/7/93			6/7/93
E180.1 - Turbidity	G1-A-4-6/07/93	NONE			6/7/93			6/7/93
Gasoline Range Organics	88865	METHOD	88865		6/7/93	6/15/93		6/15/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930617080000		6/7/93	6/17/93		6/23/93
SW7060 - Arsenic	AAZ3__306300800	GFAA Digestion	GDIG930623160000		6/7/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2__306251600	GFAA Digestion	GDIG930623160000		6/7/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ4__306172100	NONE			6/7/93	6/17/93		6/18/93
SW7740 - Selenium	AAZ4__307080820	GFAA Digestion	GDIG930623160000		6/7/93	6/23/93		7/8/93
SW7740 - Selenium	AAZ4__307081152	GFAA Digestion	GDIG930623160000		6/7/93	6/23/93		7/8/93
SW8010 - Halogenated Volatile Organics	GCQUE1306091614	METHOD			6/7/93			6/10/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/7/93	6/14/93		6/14/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/7/93	6/14/93		6/14/93
SW8020 - Aromatic Volatile Organics	GCQUE2306091614	NONE			6/7/93			6/10/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306141200	Set Funnel extraction	3510930610145900		6/7/93	6/10/93		6/15/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306141200	Set Funnel extraction	3510930610145900		6/7/93	6/10/93		6/15/93
SW8270 - Semivolatile Organics	MSMSD2306140820	Set Funnel extraction	3510930610100000		6/7/93	6/10/93		6/14/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCC_306221200	SW3520 - Liquid/liquid	3520930610165000		6/7/93	6/10/93		6/22/93
Sample ID : 12-MW-02-DS-03 FD								
Diesel Range Organics	88865	METHOD	88865		6/7/93	6/15/93		6/16/93
Gasoline Range Organics	88865	METHOD	88865		6/7/93	6/15/93		6/15/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930617080000		6/7/93	6/17/93		6/23/93
SW7060 - Arsenic	AAZ3__306300800	GFAA Digestion	GDIG930623160000		6/7/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2__306251600	GFAA Digestion	GDIG930623160000		6/7/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ4__306172100	NONE			6/7/93	6/17/93		6/18/93
SW7740 - Selenium	AAZ4__307080820	GFAA Digestion	GDIG930623160000		6/7/93	6/23/93		7/8/93
SW7740 - Selenium	AAZ4__307081152	GFAA Digestion	GDIG930623160000		6/7/93	6/23/93		7/8/93
SW8010 - Halogenated Volatile Organics	GCQUE1306091614	METHOD			6/7/93			6/10/93
SW8010 - Halogenated Volatile Organics	GCTEX1306141311	METHOD			6/7/93			6/15/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/7/93	6/14/93		6/14/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/7/93	6/14/93		6/14/93
SW8020 - Aromatic Volatile Organics	GCQUE2306091614	NONE			6/7/93			6/10/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306141200	Set Funnel extraction	3510930610145900		6/7/93	6/10/93		6/15/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306141200	Set Funnel extraction	3510930610145900		6/7/93	6/10/93		6/15/93
SW8270 - Semivolatile Organics	MSMSD2306140820	Set Funnel extraction	3510930610100000		6/7/93	6/10/93		6/14/93
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCC_306221200	SW3520 - Liquid/liquid	3520930610165000		6/7/93	6/10/93		6/22/93
Sample ID : 12-MW-02-DS-03 FDy								
A403 - Alkalinity	G1-A-0-6/07/93	NONE			6/7/93			6/7/93
E120.1 - Specific Conductance	G1-A-1-6/07/93	NONE			6/7/93			6/7/93
E150.1 - pH,Electrometric	G1-A-2-6/07/93	NONE			6/7/93			6/7/93
E170.1 - Temperature	G1-A-3-6/07/93	NONE			6/7/93			6/7/93
E180.1 - Turbidity	G1-A-4-6/07/93	NONE			6/7/93			6/7/93
Sample ID : 22-GP-01-01 N								
Diesel Range Organics	90182	METHOD	90182		9/29/93	10/11/93		10/11/93
E120.1 - Specific Conductance	G1-A-12-9/29/93	NONE			9/29/93			9/29/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
E150.1 - pH,Electrometric	G1-A-13-9/29/93	NONE			9/29/93			9/29/93
E170.1 - Temperature	G1-A-11-9/29/93	NONE			9/29/93			9/29/93
Gasoline Range Organics	90168	METHOD	90168		9/29/93	10/9/93		10/9/93
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/29/93			10/5/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8020 - Aromatic Volatile Organics	GCJAY2310050831	NONE			9/29/93			10/5/93
SW8020 - Aromatic Volatile Organics	GCPEA2310041056	NONE			9/29/93			10/5/93
SW8270 - Semivolatile Organics	MSMSD2310080817	Set Funnel extraction	3510931004100000		9/29/93	10/4/93		10/8/93
SW8270 - Semivolatile Organics	MSMSD2310110812	Set Funnel extraction	3510931004100000		9/29/93	10/4/93		10/11/93
Sample ID : 22-GP-02-01 N								
Diesel Range Organics	90182	METHOD	90182		9/29/93	10/11/93		10/11/93
E120.1 - Specific Conductance	G1-A-22-9/29/93	NONE			9/29/93			9/29/93
E150.1 - pH,Electrometric	G1-A-23-9/29/93	NONE			9/29/93			9/29/93
E170.1 - Temperature	G1-A-21-9/29/93	NONE			9/29/93			9/29/93
Gasoline Range Organics	90168	METHOD	90168		9/29/93	10/9/93		10/9/93
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/29/93			10/5/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8020 - Aromatic Volatile Organics	GCJAY2310050831	NONE			9/29/93			10/5/93
SW8020 - Aromatic Volatile Organics	GCPEA2310041056	NONE			9/29/93			10/5/93
SW8270 - Semivolatile Organics	MSMSD2310080817	Set Funnel extraction	3510931004100000		9/29/93	10/4/93		10/8/93
Sample ID : 22-GP-03-01 MS								
SW8020 - Aromatic Volatile Organics	GCJAY2310050831	NONE			9/29/93			10/5/93
Sample ID : 22-GP-03-01 MSD								
SW8020 - Aromatic Volatile Organics	GCJAY2310050831	NONE			9/29/93			10/5/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 22-GP-03-01 N								
Diesel Range Organics	90182	METHOD	90182		9/29/93	10/11/93		10/11/93
E120.1 - Specific Conductance	G1-A-32-9/29/93	NONE			9/29/93			9/29/93
E150.1 - pH,Electrometric	G1-A-33-9/29/93	NONE			9/29/93			9/29/93
E170.1 - Temperature	G1-A-31-9/29/93	NONE			9/29/93			9/29/93
Gasoline Range Organics	90168	METHOD	90168		9/29/93	10/9/93		10/9/93
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/29/93			10/5/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8020 - Aromatic Volatile Organics	GCJAY2310050831	NONE			9/29/93			10/5/93
SW8020 - Aromatic Volatile Organics	GCPEA2310041056	NONE			9/29/93			10/5/93
SW8270 - Semivolatile Organics	MSMSD2310080817	Set Funnel extraction	3510931004100000		9/29/93	10/4/93		10/8/93
Sample ID : 4DRUMS MS								
SW8240 - Volatile Organics	MSMSDA310041045	METHOD		TCTCLP309301630	9/22/93		9/30/93	10/5/93
SW8240 - Volatile Organics	MSMSDA310050934	METHOD		TCTCLP309301630	9/22/93		9/30/93	10/5/93
Sample ID : 4DRUMS MSD								
SW8240 - Volatile Organics	MSMSDA310041045	METHOD		TCTCLP309301630	9/22/93		9/30/93	10/5/93
SW8240 - Volatile Organics	MSMSDA310050934	METHOD		TCTCLP309301630	9/22/93		9/30/93	10/5/93
Sample ID : 4DRUMS N								
SW8240 - Volatile Organics	MSMSDA310041045	METHOD		TCTCLP309301630	9/22/93		9/30/93	10/5/93
SW8240 - Volatile Organics	MSMSDA310050934	METHOD		TCTCLP309301630	9/22/93		9/30/93	10/5/93
Sample ID : AB-01 AB								
Gasoline Range Organics	89642	METHOD	89642		8/11/93	8/18/93		8/18/93
SW8240 - Volatile Organics	VOA*93228	METHOD			8/11/93			8/18/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : AB-01 ABD								
SW8240 - Volatile Organics	93228	METHOD			8/11/93			8/18/93
Sample ID : AB-01 MSD								
SW8240 - Volatile Organics	93228	METHOD			8/11/93			8/18/93
SW8240 - Volatile Organics	VOA*93228	METHOD			8/11/93			8/18/93
Sample ID : AB-02 AB								
Gasoline Range Organics	89642	METHOD	89642		8/12/93	8/18/93		8/18/93
SW8240 - Volatile Organics	VOA*93228	METHOD			8/12/93			8/18/93
Sample ID : AB-02 ABD								
SW8240 - Volatile Organics	93228	METHOD			8/12/93			8/18/93
Sample ID : AB-03 AB								
Gasoline Range Organics	89654	METHOD	89654		8/14/93	8/23/93		8/23/93
SW8240 - Volatile Organics	VOA*93228	METHOD			8/14/93			8/18/93
Sample ID : AB-03 ABD								
SW8240 - Volatile Organics	93228	METHOD			8/14/93			8/18/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : AB-04 AB								
Gasoline Range Organics	89718	METHOD	89718		8/19/93	8/19/93		8/19/93
SW8240 - Volatile Organics	VOA*93238	METHOD			8/19/93			8/25/93
Sample ID : AB-04 ABD								
SW8240 - Volatile Organics	93238	METHOD			8/19/93			8/25/93
Sample ID : AB-06 AB								
Gasoline Range Organics	89718	METHOD	89718		8/19/93	8/19/93		8/19/93
SW8010 - Halogenated Volatile Organics	GCJAY1308311239	METHOD			8/19/93			8/31/93
SW8010 - Halogenated Volatile Organics	GCTEX1308231220	METHOD			8/19/93			8/24/93
SW8020 - Aromatic Volatile Organics	GCTEX2308231220	NONE			8/19/93			8/24/93
Sample ID : AB-07 AB								
Gasoline Range Organics	90018	METHOD	90018		9/14/93	9/24/93		9/24/93
SW8010 - Halogenated Volatile Organics	GCJAY1309231030	METHOD			9/14/93			9/23/93
SW8010 - Halogenated Volatile Organics	GCTEX1309221032	METHOD			9/14/93			9/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/14/93	9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/14/93	9/24/93		9/24/93
SW8020 - Aromatic Volatile Organics	GCTEX2309221032	NONE			9/14/93			9/23/93
Sample ID : AB-08 AB								
Gasoline Range Organics	90018	METHOD	90018		9/15/93	9/24/93		9/24/93
SW8010 - Halogenated Volatile Organics	GCJAY1309231030	METHOD			9/15/93			9/23/93
SW8010 - Halogenated Volatile Organics	GCPEA1309241313	METHOD			9/15/93			9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/15/93	9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/15/93	9/24/93		9/24/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8020 - Aromatic Volatile Organics	GCJAY2309231030	NONE			9/15/93			9/23/93
Sample ID : AB-09 AB								
Gasoline Range Organics	90018	METHOD	90018		9/15/93	9/24/93		9/24/93
SW8010 - Halogenated Volatile Organics	GCJAY1309231030	METHOD			9/15/93			9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/15/93	9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/15/93	9/24/93		9/24/93
SW8020 - Aromatic Volatile Organics	GCJAY2309231030	NONE			9/15/93			9/24/93
Sample ID : AB-10 AB								
Gasoline Range Organics	90051	METHOD	90051		9/16/93	9/25/93		9/25/93
SW8010 - Halogenated Volatile Organics	GCJAY1309241442	METHOD			9/16/93			9/25/93
SW8010 - Halogenated Volatile Organics	GCTEX1309231506	METHOD			9/16/93			9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2309231506	NONE			9/16/93			9/24/93
Sample ID : AB-11 AB								
Gasoline Range Organics	90051	METHOD	90051		9/16/93	9/25/93		9/25/93
SW8010 - Halogenated Volatile Organics	GCJAY1309241442	METHOD			9/16/93			9/25/93
SW8010 - Halogenated Volatile Organics	GCTEX1309231506	METHOD			9/16/93			9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2309231506	NONE			9/16/93			9/24/93
Sample ID : BA-01 AB								
Gasoline Range Organics	88937	METHOD	88937		6/9/93	6/18/93		6/18/93
SW8010 - Halogenated Volatile Organics	GCQUE1306211026	METHOD			6/9/93			6/21/93
SW8010 - Halogenated Volatile Organics	GCTEX1306141311	METHOD			6/9/93			6/15/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/9/93	6/14/93		6/15/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/9/93	6/14/93		6/15/93
SW8020 - Aromatic Volatile Organics	GCKAY2306211455	NONE			6/9/93			6/22/93
SW8020 - Aromatic Volatile Organics	GCTEX2306141311	NONE			6/9/93			6/15/93
Sample ID : BA-02 AB								
Gasoline Range Organics	88937	METHOD	88937		6/9/93	6/18/93		6/18/93
SW8010 - Halogenated Volatile Organics	GCQUE1306231533	METHOD			6/9/93			6/23/93
SW8010 - Halogenated Volatile Organics	GCTEX1306152237	METHOD			6/9/93			6/16/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/9/93	6/14/93		6/15/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/9/93	6/14/93		6/15/93
SW8020 - Aromatic Volatile Organics	GCTEX2306152237	NONE			6/9/93			6/16/93
Sample ID : BA-03 AB								
Gasoline Range Organics	88938	METHOD	88938		6/11/93	6/18/93		6/18/93
Sample ID : BA-04 AB								
Gasoline Range Organics	88964	METHOD	88964		6/14/93	6/22/93		6/22/93
SW8010 - Halogenated Volatile Organics	GCQUE1306231533	METHOD			6/14/93			6/24/93
SW8010 - Halogenated Volatile Organics	GCTEX1306230530	METHOD			6/14/93			6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/14/93	6/18/93		6/18/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/14/93	6/18/93		6/18/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/14/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/14/93			6/19/93
Sample ID : BA-05 AB								
Gasoline Range Organics	88964	METHOD	88964		6/14/93	6/22/93		6/22/93
SW8010 - Halogenated Volatile Organics	GCQUE1306271713	METHOD			6/14/93			6/28/93
SW8010 - Halogenated Volatile Organics	GCTEX1306230530	METHOD			6/14/93			6/24/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/14/93	6/18/93		6/19/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/14/93	6/18/93		6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/14/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/14/93			6/19/93
Sample ID : BA-06 AB								
SW8010 - Halogenated Volatile Organics	GCQUE1306241717	METHOD			6/15/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/15/93	6/18/93		6/19/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/15/93	6/18/93		6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY1306211455	NONE			6/15/93			6/22/93
SW8020 - Aromatic Volatile Organics	GCKAY2306211455	NONE			6/15/93			6/22/93
Sample ID : BA-07 AB								
Gasoline Range Organics	89008	METHOD	89008		6/16/93	6/30/93		6/30/93
SW8010 - Halogenated Volatile Organics	GCQUE1306291223	METHOD			6/16/93			6/30/93
SW8010 - Halogenated Volatile Organics	GCTEX1306250629	METHOD			6/16/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/16/93	6/23/93		6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/16/93	6/23/93		6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY1306221300	NONE			6/16/93			6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY2306221300	NONE			6/16/93			6/23/93
Sample ID : BA-08 AB								
Gasoline Range Organics	89008	METHOD	89008		6/17/93	7/1/93		7/1/93
SW8010 - Halogenated Volatile Organics	GCQUE1306241717	METHOD			6/17/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/17/93	6/23/93		6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/17/93	6/23/93		6/24/93
SW8020 - Aromatic Volatile Organics	GCKAY1306221300	NONE			6/17/93			6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY2306221300	NONE			6/17/93			6/23/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : BA-09 AB								
Gasoline Range Organics	89008	METHOD	89008		6/17/93	7/1/93		7/1/93
SW8010 - Halogenated Volatile Organics	GCQUE1306241717	METHOD			6/17/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/17/93	6/23/93		6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/17/93	6/23/93		6/24/93
SW8020 - Aromatic Volatile Organics	GCKAY1306221300	NONE			6/17/93			6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY2306221300	NONE			6/17/93			6/23/93
Sample ID : BT-01 TB								
Gasoline Range Organics	88865	METHOD	88865		6/6/93	6/15/93		6/15/93
SW8010 - Halogenated Volatile Organics	GCQUE1306091614	METHOD			6/6/93			6/9/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/6/93	6/14/93		6/14/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/6/93	6/14/93		6/14/93
SW8020 - Aromatic Volatile Organics	GCQUE2306091614	NONE			6/6/93			6/9/93
Sample ID : BT-02 TB								
SW8010 - Halogenated Volatile Organics	GCQUE1306091614	METHOD			6/7/93			6/10/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/7/93	6/14/93		6/14/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/7/93	6/14/93		6/14/93
SW8020 - Aromatic Volatile Organics	GCQUE2306091614	NONE			6/7/93			6/10/93
Sample ID : BT-03 TB								
Gasoline Range Organics	88937	METHOD	88937		6/8/93	6/18/93		6/18/93
SW8010 - Halogenated Volatile Organics	GCPEA1306201359	METHOD			6/8/93			6/21/93
SW8010 - Halogenated Volatile Organics	GCQUE1306211026	METHOD			6/8/93			6/21/93
SW8010 - Halogenated Volatile Organics	GCTEX1306141311	METHOD			6/8/93			6/14/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/8/93	6/14/93		6/15/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/8/93	6/14/93		6/15/93
SW8020 - Aromatic Volatile Organics	GCTEX2306141311	NONE			6/8/93			6/14/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : BT-04 TB								
SW8010 - Halogenated Volatile Organics	GCQUE1306231533	METHOD			6/9/93			6/23/93
SW8010 - Halogenated Volatile Organics	GCTEX1306152237	METHOD			6/9/93			6/16/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/9/93	6/14/93		6/15/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/9/93	6/14/93		6/15/93
SW8020 - Aromatic Volatile Organics	GCTEX2306152237	NONE			6/9/93			6/16/93
Sample ID : BT-05 TB								
Gasoline Range Organics	88938	METHOD	88938		6/10/93	6/18/93		6/18/93
Sample ID : BT-06 TB								
Gasoline Range Organics	88964	METHOD	88964		6/13/93	6/22/93		6/22/93
SW8010 - Halogenated Volatile Organics	GCQUE1306231533	METHOD			6/13/93			6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/13/93	6/18/93		6/18/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/13/93	6/18/93		6/18/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/13/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/13/93			6/19/93
Sample ID : BT-07 TB								
SW8010 - Halogenated Volatile Organics	GCQUE1306271713	METHOD			6/14/93			6/28/93
SW8010 - Halogenated Volatile Organics	GCTEX1306230530	METHOD			6/14/93			6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/14/93	6/18/93		6/18/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/14/93	6/18/93		6/18/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/14/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/14/93			6/19/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : BT-08 TB								
SW8010 - Halogenated Volatile Organics	GCQUE1306241717	METHOD			6/15/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/15/93	6/18/93		6/19/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/15/93	6/18/93		6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY1306211455	NONE			6/15/93			6/22/93
SW8020 - Aromatic Volatile Organics	GCKAY2306211455	NONE			6/15/93			6/22/93
Sample ID : BT-09 TB								
Gasoline Range Organics	89008	METHOD	89008		6/16/93	6/30/93		6/30/93
SW8010 - Halogenated Volatile Organics	GCQUE1306291223	METHOD			6/16/93			6/30/93
SW8010 - Halogenated Volatile Organics	GCTEX1306250629	METHOD			6/16/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/16/93	6/23/93		6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/16/93	6/23/93		6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY1306221300	NONE			6/16/93			6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY2306221300	NONE			6/16/93			6/23/93
Sample ID : BT-10 TB								
SW8010 - Halogenated Volatile Organics	GCQUE1306241717	METHOD			6/17/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/17/93	6/23/93		6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/17/93	6/23/93		6/24/93
SW8020 - Aromatic Volatile Organics	GCKAY1306221300	NONE			6/17/93			6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY2306221300	NONE			6/17/93			6/23/93
Sample ID : BT-11 TB								
Gasoline Range Organics	89475	METHOD	89475		7/29/93	8/4/93		8/4/93
SW8010 - Halogenated Volatile Organics	GCPEA1308101540	METHOD			7/29/93			8/11/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A308060800	NONE	NA		7/29/93	8/6/93		8/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B308060800	NONE	NA		7/29/93	8/6/93		8/6/93
SW8020 - Aromatic Volatile Organics	GCKAY1308091931	NONE			7/29/93			8/10/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8020 - Aromatic Volatile Organics	GCKAY2308091931	NONE			7/29/93			8/10/93
Sample ID : BT-12 TB								
SW8010 - Halogenated Volatile Organics	GCPEA1308161047	METHOD			8/10/93			8/17/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A308170800	NONE	NA		8/10/93	8/17/93		8/17/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B308170800	NONE	NA		8/10/93	8/17/93		8/17/93
SW8020 - Aromatic Volatile Organics	GCJAY2308171217	NONE			8/10/93			8/18/93
SW8020 - Aromatic Volatile Organics	GCPEA2308161047	NONE			8/10/93			8/17/93
Sample ID : RATB-01 TB								
SW8240 - Volatile Organics	VOA*93157	METHOD			9/11/93			9/15/93
Sample ID : TB-01-02 TB								
Gasoline Range Organics	89601	METHOD	89601		8/9/93	8/17/93		8/17/93
SW8240 - Volatile Organics	VOA*93224	METHOD			8/9/93			8/16/93
Sample ID : TB-01-02 TBD								
SW8240 - Volatile Organics	93224	METHOD			8/9/93			8/16/93
Sample ID : TB-02-02 TB								
Gasoline Range Organics	89642	METHOD	89642		8/11/93	8/18/93		8/18/93
SW8240 - Volatile Organics	VOA*93228	METHOD			8/11/93			8/18/93
Sample ID : TB-02-02 TBD								
SW8240 - Volatile Organics	93228	METHOD			8/11/93			8/18/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : TB-03-02 TB								
Gasoline Range Organics	89654	METHOD	89654		8/13/93	8/23/93		8/23/93
SW8240 - Volatile Organics	VOA*93228	METHOD			8/13/93			8/18/93
Sample ID : TB-03-02 TBD								
SW8240 - Volatile Organics	93228	METHOD			8/13/93			8/18/93
Sample ID : TB-04-02 TB								
Gasoline Range Organics	89718	METHOD	89718		8/17/93	8/17/93		8/17/93
SW8240 - Volatile Organics	VOA*93238	METHOD			8/17/93			8/25/93
Sample ID : TB-04-02 TBD								
SW8240 - Volatile Organics	93238	METHOD			8/17/93			8/25/93
Sample ID : TB-06-02 TB								
Gasoline Range Organics	89718	METHOD	89718		8/19/93	8/19/93		8/19/93
SW8010 - Halogenated Volatile Organics	GCTEX1308242018	METHOD			8/19/93			8/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2308242018	NONE			8/19/93			8/25/93
Sample ID : TB-07-02 TB								
Gasoline Range Organics	89999	METHOD	89999		9/12/93	9/21/93		9/21/93
SW8010 - Halogenated Volatile Organics	GCJAY1309150130	METHOD			9/12/93			9/15/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/12/93	9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/12/93	9/24/93		9/24/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8020 - Aromatic Volatile Organics	GCJAY2309150130	NONE			9/12/93			9/15/93
SW8020 - Aromatic Volatile Organics	GCPEA2309201524	NONE			9/12/93			9/21/93
Sample ID : TB-08-02 TB								
SW8010 - Halogenated Volatile Organics	GCJAY1309201444	METHOD			9/13/93			9/21/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/13/93	9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/13/93	9/24/93		9/24/93
SW8020 - Aromatic Volatile Organics	GCJAY2309201444	NONE			9/13/93			9/21/93
SW8020 - Aromatic Volatile Organics	GCPEA2309211943	NONE			9/13/93			9/22/93
Sample ID : TB-09-02 TB								
Gasoline Range Organics	90018	METHOD	90018		9/14/93	9/24/93		9/24/93
SW8010 - Halogenated Volatile Organics	GCTEX1309221032	METHOD			9/14/93			9/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/14/93	9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/14/93	9/24/93		9/24/93
SW8020 - Aromatic Volatile Organics	GCJAY2309231030	NONE			9/14/93			9/23/93
SW8020 - Aromatic Volatile Organics	GCTEX2309221032	NONE			9/14/93			9/23/93
Sample ID : TB-10-02 TB								
SW8010 - Halogenated Volatile Organics	GCJAY1309231030	METHOD			9/15/93			9/24/93
SW8010 - Halogenated Volatile Organics	GCPEA1309241313	METHOD			9/15/93			9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/15/93	9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/15/93	9/24/93		9/24/93
SW8020 - Aromatic Volatile Organics	GCJAY2309231030	NONE			9/15/93			9/24/93
Sample ID : TB-11-02 TB								
Gasoline Range Organics	90051	METHOD	90051		9/16/93	9/25/93		9/25/93
SW8010 - Halogenated Volatile Organics	GCTEX1309231506	METHOD			9/16/93			9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/16/93	9/24/93		9/25/93

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8020 - Aromatic Volatile Organics	GCJAY2309241442	NONE			9/16/93			9/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2309231506	NONE			9/16/93			9/24/93
Sample ID : TB-13-02 TB								
SW8020 - Aromatic Volatile Organics	GCPEA2310041056	NONE			9/29/93			10/5/93
Sample ID : TB-14-02 TB								
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/29/93			10/5/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
Sample ID : TB-20-01 TB								
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		10/3/93	10/6/93		10/7/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		10/3/93	10/6/93		10/7/93

ATTACHMENT C - APPENDIX B

ATTACHMENT C - APPENDIX B

Table A-1.1

Detailed Listing of Liquid Blanks Results - 1994 Water Samples

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : AK101 - Gasoline Range Organics							
Analyte : Gasoline Range Organics							
Type of Blank : Ambient Blank							
09/15/94	G94-AB-01	58677A01	5.00	(JB)	50.0	ug/L	1
Total Number of Blanks = 1			Concentration Range:		5.00 - 5.00		
Total Number above Detection Limit = 0			Maximum Detection Limit =		50.0		
Method : AK101 - Gasoline Range Organics							
Analyte : Gasoline Range Organics							
Type of Blank : Method Blank							
09/15/94	METHOD BLANK	58677A01	2.00	(JB)	50.0	ug/L	1
09/17/94	METHOD BLANK	58683A01	3.00	(JB)	50.0	ug/L	1
09/17/94	METHOD BLANK	58684A01	3.00	(JB)	50.0	ug/L	1
09/19/94	METHOD BLANK	58700A01	2.00	(JB)	50.0	ug/L	1
09/21/94	METHOD BLANK	58710A01	1.00	(JB)	50.0	ug/L	1
09/21/94	METHOD BLANK	58711A01	1.00	(JB)	50.0	ug/L	1
09/27/94	METHOD BLANK	58738A01	0.00	(JB)	50.0	ug/L	1
Total Number of Blanks = 7			Concentration Range:		0.00 - 3.00		
Total Number above Detection Limit = 0			Maximum Detection Limit =		50.0		
Method : AK101 - Gasoline Range Organics							
Analyte : Gasoline Range Organics							
Type of Blank : Trip Blank							
09/15/94	G94-TB-01	58677A01	17.0	(J)	50.0	ug/L	1
09/17/94	G94-TB-03	58684A01	0.00	(JB)	50.0	ug/L	1
09/17/94	G94-TB-02	58683A01	27.0	(J)	50.0	ug/L	1
09/19/94	G94-TB-04	58700A01	1.00	(JB)	50.0	ug/L	1
09/21/94	G94-TB-06	58710A01	0.00	(JB)	50.0	ug/L	1
09/22/94	G94-TB-05	58711A01	1.00	(JB)	50.0	ug/L	1
09/27/94	G94-TB-07	58738A01	1.00	(JB)	50.0	ug/L	1
Total Number of Blanks = 7			Concentration Range:		0.00 - 27.0		
Total Number above Detection Limit = 0			Maximum Detection Limit =		50.0		
Method : AK102 - Diesel Range Organics							
Analyte : Diesel Range Organics							
Type of Blank : Method Blank							
09/16/94	METHOD BLANK	58677B01	0.00	(JB)	100	ug/L	1
09/18/94	METHOD BLANK	58683B01	0.00	(JB)	100	ug/L	1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : AK102 - Diesel Range Organics							
Analyte : Diesel Range Organics							
Type of Blank : Method Blank, cont.							
09/20/94	METHOD BLANK	58684B01	0.00	(JB)	100	ug/L	1
09/21/94	METHOD BLANK	58700B01	0.00	(JB)	100	ug/L	1
09/21/94	METHOD BLANK	58710B01	0.00	(JB)	100	ug/L	1
09/22/94	METHOD BLANK	58711B01	0.00	(JB)	100	ug/L	1
09/30/94	METHOD BLANK	58738B01	17.0	(JB)	100	ug/L	1
Total Number of Blanks = 7			Concentration Range: 0.00 - 17.0				
Total Number above Detection Limit = 0			Maximum Detection Limit = 100				
Method : SW6010 - Metals							
Analyte : Aluminum							
Type of Blank : Method Blank							
10/05/94	BLK944093	EMJA6141005100001	0.0255	(JB)	0.0523	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.0496	(JB)	0.0523	mg/L	1
10/05/94	BLK944112	EMJA6141005100001	0.0446	(JB)	0.0523	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	0.0304	(JB)	0.0523	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	-0.00799	(JB)	0.0523	mg/L	1
Total Number of Blanks = 5			Concentration Range: -0.00799 - 0.0496				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0523				
Method : SW6010 - Metals							
Analyte : Antimony							
Type of Blank : Method Blank							
10/05/94	BLK944093	EMJA6141005100001	0.00885	(JB)	0.0760	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	-0.0223	(JB)	0.0760	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.0140	(JB)	0.0760	mg/L	1
10/05/94	BLK944112	EMJA6141005100001	0.0324	(JB)	0.0760	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	-0.0179	(JB)	0.0760	mg/L	1
Total Number of Blanks = 5			Concentration Range: -0.0223 - 0.0324				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0760				
Method : SW6010 - Metals							
Analyte : Arsenic							
Type of Blank : Method Blank							
10/05/94	BLK944334	EMJA6141005100003	-0.00186	(JB)	0.0468	mg/L	1
10/05/94	BLK944112	EMJA6141005100001	0.00816	(JB)	0.0468	mg/L	1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Arsenic							
Type of Blank : Method Blank, cont.							
10/05/94	BLK944203	EMJA6141005100001	-0.00971	(JB)	0.0468	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	0.00767	(JB)	0.0468	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	-0.0130	(JB)	0.0468	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	-0.0104	(JB)	0.0468	mg/L	1
Total Number of Blanks = 6			Concentration Range: -0.0130 - 0.00816				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0468				
Method : SW6010 - Metals							
Analyte : Barium							
Type of Blank : Method Blank							
10/05/94	BLK944093	EMJA6141005100001	0.00170	(B)	0.000860	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.00128	(B)	0.000860	mg/L	1
10/05/94	BLK944203	EMJA6141005100001	0.000420	(JB)	0.000860	mg/L	1
10/05/94	BLK944112	EMJA6141005100001	0.000850	(JB)	0.000860	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	0.000850	(JB)	0.000860	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	-0.000440	(JB)	0.000860	mg/L	1
Total Number of Blanks = 6			Concentration Range: -0.000440 - 0.00170				
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.000860				
Method : SW6010 - Metals							
Analyte : Beryllium							
Type of Blank : Method Blank							
10/05/94	BLK944112	EMJA6141005100001	0.00110	(B)	0.000510	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	0.00108	(B)	0.000510	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.00109	(B)	0.000510	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	0.00108	(B)	0.000510	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	0.0000500	(JB)	0.000510	mg/L	1
Total Number of Blanks = 5			Concentration Range: 0.0000500 - 0.00110				
Total Number above Detection Limit = 4			Maximum Detection Limit = 0.000510				
Method : SW6010 - Metals							
Analyte : Cadmium							
Type of Blank : Method Blank							
10/05/94	BLK944334	EMJA6141005100003	0.0000600	(JB)	0.00386	mg/L	1
10/05/94	BLK944203	EMJA6141005100001	-0.00113	(JB)	0.00386	mg/L	1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Cadmium							
Type of Blank : Method Blank, cont.							
10/05/94	BLK944112	EMJA6141005100001	-0.000120	(JB)	0.00386	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	-0.00112	(JB)	0.00386	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	-0.00121	(JB)	0.00386	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	0.000900	(JB)	0.00386	mg/L	1
Total Number of Blanks = 6			Concentration Range: -0.00121 - 0.000900				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00386				
Method : SW6010 - Metals							
Analyte : Calcium							
Type of Blank : Method Blank							
10/05/94	BLK944112	EMJA6141005100001	0.114	(B)	0.0175	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	0.0282	(B)	0.0175	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	0.0644	(B)	0.0175	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.134	(B)	0.0175	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	0.0276	(B)	0.0175	mg/L	1
Total Number of Blanks = 5			Concentration Range: 0.0276 - 0.134				
Total Number above Detection Limit = 5			Maximum Detection Limit = 0.0175				
Method : SW6010 - Metals							
Analyte : Chromium							
Type of Blank : Method Blank							
10/05/94	BLK944093	EMJA6141005100001	0.00181	(JB)	0.00524	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	0.000840	(JB)	0.00524	mg/L	1
10/05/94	BLK944203	EMJA6141005100001	0.00102	(JB)	0.00524	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.00446	(JB)	0.00524	mg/L	1
10/05/94	BLK944112	EMJA6141005100001	0.00184	(JB)	0.00524	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	-0.00464	(JB)	0.00524	mg/L	1
Total Number of Blanks = 6			Concentration Range: -0.00464 - 0.00446				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00524				
Method : SW6010 - Metals							
Analyte : Cobalt							
Type of Blank : Method Blank							
10/05/94	BLK944112	EMJA6141005100001	-0.00381	(JB)	0.00407	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.00	(JB)	0.00407	mg/L	1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Cobalt							
Type of Blank : Method Blank, cont.							
10/05/94	BLK944237	EMJA6141005100003	0.00365	(JB)	0.00407	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	0.00	(JB)	0.00407	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	-0.00698	(JB)	0.00407	mg/L	1
Total Number of Blanks = 5			Concentration Range: -0.00698 - 0.00365				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00407				
Method : SW6010 - Metals							
Analyte : Copper							
Type of Blank : Method Blank							
10/05/94	BLK944112	EMJA6141005100001	0.00412	(JB)	0.00916	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	0.00529	(JB)	0.00916	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	0.00530	(JB)	0.00916	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.000580	(JB)	0.00916	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	-0.000640	(JB)	0.00916	mg/L	1
Total Number of Blanks = 5			Concentration Range: -0.000640 - 0.00530				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00916				
Method : SW6010 - Metals							
Analyte : Iron							
Type of Blank : Method Blank							
10/05/94	BLK944237	EMJA6141005100003	0.0314	(B)	0.00452	mg/L	1
10/05/94	BLK944112	EMJA6141005100001	0.00337	(JB)	0.00452	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	0.00880	(B)	0.00452	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.0263	(B)	0.00452	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	0.00158	(JB)	0.00452	mg/L	1
Total Number of Blanks = 5			Concentration Range: 0.00158 - 0.0314				
Total Number above Detection Limit = 3			Maximum Detection Limit = 0.00452				
Method : SW6010 - Metals							
Analyte : Lead							
Type of Blank : Method Blank							
10/05/94	BLK944203	EMJA6141005100001	-0.0392	(JB)	0.0216	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	-0.0211	(JB)	0.0216	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	-0.0167	(JB)	0.0216	mg/L	1
10/05/94	BLK944112	EMJA6141005100001	-0.0525	(JB)	0.0216	mg/L	1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Lead							
Type of Blank : Method Blank, cont.							
10/05/94	BLK944093	EMJA6141005100001	-0.0240	(JB)	0.0216	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	-0.0110	(JB)	0.0216	mg/L	1
Total Number of Blanks = 6			Concentration Range: -0.0525 - -0.0110				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0216				
Method : SW6010 - Metals							
Analyte : Magnesium							
Type of Blank : Method Blank							
10/05/94	BLK944093	EMJA6141005100001	0.000420	(JB)	0.0479	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	0.0236	(JB)	0.0479	mg/L	1
10/05/94	BLK944112	EMJA6141005100001	0.0138	(JB)	0.0479	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.0373	(JB)	0.0479	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	-0.0142	(JB)	0.0479	mg/L	1
Total Number of Blanks = 5			Concentration Range: -0.0142 - 0.0373				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0479				
Method : SW6010 - Metals							
Analyte : Manganese							
Type of Blank : Method Blank							
10/05/94	BLK944237	EMJA6141005100003	0.00140	(JB)	0.00155	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.00140	(JB)	0.00155	mg/L	1
10/05/94	BLK944112	EMJA6141005100001	0.00290	(B)	0.00155	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	0.00	(JB)	0.00155	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	-0.00211	(JB)	0.00155	mg/L	1
Total Number of Blanks = 5			Concentration Range: -0.00211 - 0.00290				
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.00155				
Method : SW6010 - Metals							
Analyte : Molybdenum							
Type of Blank : Method Blank							
10/05/94	BLK944334	EMJA6141005100003	0.00423	(JB)	0.00739	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	0.00642	(JB)	0.00739	mg/L	1
10/05/94	BLK944112	EMJA6141005100001	0.00145	(JB)	0.00739	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	-0.000990	(JB)	0.00739	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	-0.00502	(JB)	0.00739	mg/L	1
Total Number of Blanks = 5			Concentration Range: -0.00502 - 0.00642				

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Molybdenum							
Type of Blank : Method Blank, cont.							
Total Number above Detection Limit = 0					Maximum Detection Limit =	0.00739	
Method : SW6010 - Metals							
Analyte : Nickel							
Type of Blank : Method Blank							
10/05/94	BLK944237	EMJA6141005100003	0.0166	(B)	0.0141	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	0.00540	(JB)	0.0141	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.00933	(JB)	0.0141	mg/L	1
10/05/94	BLK944112	EMJA6141005100001	-0.00216	(JB)	0.0141	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	0.00481	(JB)	0.0141	mg/L	1
Total Number of Blanks = 5					Concentration Range:	-0.00216 - 0.0166	
Total Number above Detection Limit = 1					Maximum Detection Limit =	0.0141	
Method : SW6010 - Metals							
Analyte : Potassium							
Type of Blank : Method Blank							
10/05/94	BLK944112	EMJA6141005100001	0.148	(JB)	0.822	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	0.0184	(JB)	0.822	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	0.260	(JB)	0.822	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	-0.0188	(JB)	0.822	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	-0.679	(JB)	0.822	mg/L	1
Total Number of Blanks = 5					Concentration Range:	-0.679 - 0.260	
Total Number above Detection Limit = 0					Maximum Detection Limit =	0.822	
Method : SW6010 - Metals							
Analyte : Selenium							
Type of Blank : Method Blank							
10/05/94	BLK944112	EMJA6141005100001	-0.0486	(JB)	0.0891	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	-0.0295	(JB)	0.0891	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	0.0218	(JB)	0.0891	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.0109	(JB)	0.0891	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	0.00790	(JB)	0.0891	mg/L	1
Total Number of Blanks = 5					Concentration Range:	-0.0486 - 0.0218	
Total Number above Detection Limit = 0					Maximum Detection Limit =	0.0891	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Silver							
Type of Blank : Method Blank							
10/05/94	BLK944334	EMJA6141005100003	-0.00606	(JB)	0.00519	mg/L	1
10/05/94	BLK944203	EMJA6141005100001	-0.00511	(JB)	0.00519	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	-0.00403	(JB)	0.00519	mg/L	1
10/05/94	BLK944112	EMJA6141005100001	-0.00716	(JB)	0.00519	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	-0.00203	(JB)	0.00519	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	0.00150	(JB)	0.00519	mg/L	1
Total Number of Blanks = 6			Concentration Range: -0.00716 - 0.00150				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00519				
Method : SW6010 - Metals							
Analyte : Sodium							
Type of Blank : Method Blank							
10/05/94	BLK944093	EMJA6141005100001	0.0573	(B)	0.0401	mg/L	1
10/05/94	BLK944112	EMJA6141005100001	0.107	(B)	0.0401	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	0.0390	(JB)	0.0401	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.0581	(B)	0.0401	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	0.0355	(JB)	0.0401	mg/L	1
Total Number of Blanks = 5			Concentration Range: 0.0355 - 0.107				
Total Number above Detection Limit = 3			Maximum Detection Limit = 0.0401				
Method : SW6010 - Metals							
Analyte : Thallium							
Type of Blank : Method Blank							
10/05/94	BLK944093	EMJA6141005100001	-0.0313	(JB)	0.0833	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	-0.0418	(JB)	0.0833	mg/L	1
10/05/94	BLK944112	EMJA6141005100001	-0.0260	(JB)	0.0833	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	-0.0314	(JB)	0.0833	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	-0.0369	(JB)	0.0833	mg/L	1
Total Number of Blanks = 5			Concentration Range: -0.0418 - -0.0260				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0833				
Method : SW6010 - Metals							
Analyte : Vanadium							
Type of Blank : Method Blank							
10/05/94	BLK944112	EMJA6141005100001	-0.00177	(JB)	0.00454	mg/L	1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Vanadium							
Type of Blank : Method Blank, cont.							
10/05/94	BLK944334	EMJA6141005100003	-0.00126	(JB)	0.00454	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	-0.0000600	(JB)	0.00454	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	0.00202	(JB)	0.00454	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	-0.00811	(JB)	0.00454	mg/L	1
Total Number of Blanks = 5			Concentration Range: -0.00811 - 0.00202				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00454				
Method : SW6010 - Metals							
Analyte : Zinc							
Type of Blank : Method Blank							
10/05/94	BLK944112	EMJA6141005100001	0.0165	(B)	0.00402	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	0.00266	(JB)	0.00402	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.00769	(B)	0.00402	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	0.00837	(B)	0.00402	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	0.00525	(B)	0.00402	mg/L	1
Total Number of Blanks = 5			Concentration Range: 0.00266 - 0.0165				
Total Number above Detection Limit = 4			Maximum Detection Limit = 0.00402				
Method : SW7060 - Arsenic							
Analyte : Arsenic							
Type of Blank : Method Blank							
09/19/94	BLK944094	AAZ3__40919172101	-0.00144	(JB)	0.000647	mg/L	1
09/28/94	BLK944236	AAZ3__40928163202	-0.000840	(JB)	0.000647	mg/L	1
09/28/94	BLK944205	AAZ4__40928083002	-0.00199	(JB)	0.00214	mg/L	1
10/06/94	BLK944362	AAZ4__41006085001	-0.00113	(JB)	0.00214	mg/L	1
Total Number of Blanks = 4			Concentration Range: -0.00199 - -0.000840				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00214				
Method : SW7421 - Lead							
Analyte : Lead							
Type of Blank : Method Blank							
09/19/94	BLK944094	AAZ1__40919170001	0.000110	(JB)	0.00205	mg/L	1
09/27/94	BLK944236	AAZ2__40927170001	0.0000200	(JB)	0.00220	mg/L	1
10/07/94	BLK944362	AAZ2__41007092002	-0.00101	(JB)	0.00220	mg/L	1
Total Number of Blanks = 3			Concentration Range: -0.00101 - 0.000110				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00220				

Compiled: 21 March 1995 ND = Not Detected NC = Not Calculable NA = Not Applicable

* - Value considered suspect, refer to QC report

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : 4,4'-DDD						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00305	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00305	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00225	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00305	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00225	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00305	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : 4,4'-DDE						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00351	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00351	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00464	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00351	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00464	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00464	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : 4,4'-DDT						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00374	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00374	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00746	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00374	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00746	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00746	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Aldrin						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00419	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00419	ug/L	1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Aldrin						
Type of Blank : Method Blank, cont.						
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00292	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00419	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00292	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00419	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Chlordane						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.0203	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.0203	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.0240	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.0203	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.0240	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0240	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Dieldrin						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00286	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00286	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	0.00270 (KJB)	0.00403	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00286	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00403	ug/L	1
Total Number of Blanks = 5			Concentration Range:		0.00270 -	0.00270
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00403	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan I						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00219	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00219	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00910	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00219	ug/L	1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan I						
Type of Blank : Method Blank, cont.						
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00910	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00910	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan II						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00384	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00384	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00380	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00384	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00380	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00384	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan Sulfate						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00507	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00507	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00544	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00507	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00544	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00544	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endrin						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00773	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00773	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00726	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00773	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00726	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00773	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endrin Aldehyde						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00638	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00638	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00400	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00638	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00400	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00638	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Heptachlor						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00553	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00553	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00236	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00553	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00236	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00553	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Heptachlor epoxide						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00954	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00954	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00227	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00954	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00227	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00954	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Methoxychlor						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.0403	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.0403	ug/L	1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Methoxychlor						
Type of Blank : Method Blank, cont.						
09/29/94	BLK944114	CHGC7A40928120002	ND	0.0547	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.0403	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.0547	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0547	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1016						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.0327	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.0327	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.0244	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.0327	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.0244	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0327	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1221						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.0294	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.0294	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.0232	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.0294	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.0232	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0294	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1232						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.0743	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.0743	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.0175	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.0743	ug/L	1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1232						
Type of Blank : Method Blank, cont.						
10/12/94	BLK944136	CHGC7A41012120001	ND	0.0175	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0743	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1242						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.0272	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.0272	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.120	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.0272	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.120	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.120	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1248						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.0322	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.0322	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.0417	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.0322	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.0417	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0417	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1254						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.0129	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.0129	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.0308	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.0129	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.0308	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0308	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1260						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.0358	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.0358	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.0349	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.0358	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.0349	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0358	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Toxaphene						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.0575	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.0575	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.0427	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.0575	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.0427	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0575	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : alpha-BHC						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00292	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00292	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00429	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00292	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00429	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00429	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : beta-BHC						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00413	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00413	ug/L	1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : beta-BHC						
Type of Blank : Method Blank, cont.						
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00339	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00413	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00339	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00413	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : delta-BHC						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00238	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00238	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00218	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00238	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	0.00890 (K)	0.00218	ug/L	1
Total Number of Blanks = 5			Concentration Range:		0.00890 - 0.00890	
Total Number above Detection Limit = 1			Maximum Detection Limit =		0.00238	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : gamma-BHC						
Type of Blank : Method Blank						
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00182	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00182	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00391	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00182	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00391	ug/L	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00391	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1,1,2-Tetrachloroethane						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0851	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0851	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1,1,2-Tetrachloroethane						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0851	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0851	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0851	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0851	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0851	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1,1,2-Tetrachloroethane						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0851	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0851	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0851	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0851	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0851	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0851	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0851	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1,1-Trichloroethane						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0992	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0992	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1,1-Trichloroethane						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0992	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0992	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0992	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0992	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0992	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1,1-Trichloroethane						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0992	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0992	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0992	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0992	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0992	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0992	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0992	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1,2,2-Tetrachloroethane						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.170	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.170	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1,2,2-Tetrachloroethane						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.170	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.170	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.170	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.170	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.170	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1,2,2-Tetrachloroethane						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.170	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.170	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.170	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.170	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.170	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.170	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1,2,2-Tetrachloroethane						
Type of Blank : Trip Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.170		
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1,2-Trichloroethane						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0920	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0920		
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1,2-Trichloroethane						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0920	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0920	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0:0920	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0920	ug/L	1
Total Number of Blanks = 4			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0920		
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1,2-Trichloroethane						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0920	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0920	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0920	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0920	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0920	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0920	ug/L	1
Total Number of Blanks = 6			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0920		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1-Dichloroethane						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0886	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0886	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1-Dichloroethane						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0886	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0886	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0886	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0886	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0886	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1-Dichloroethane						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0886	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0886	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0886	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0886	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0886	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0886	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0886	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1-Dichloroethene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0806	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0806	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1-Dichloroethene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0806	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0806	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0806	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0806	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0806	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,1-Dichloroethene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0806	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0806	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0806	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0806	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0806	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0806	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0806	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,2,3-Trichloropropane						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.233	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.233	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,2,3-Trichloropropane						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.233	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.233	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.233	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.233	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.233	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,2,3-Trichloropropane						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.233	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.233	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.233	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.233	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.233	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.233	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.233	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,2-Dichlorobenzene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.354	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.354	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,2-Dichlorobenzene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.354	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.354	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.354	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.354	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.354	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,2-Dichlorobenzene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.354	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.354	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.354	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.354	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.354	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.354	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,2-Dichlorobenzene						
Type of Blank : Trip Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.354		
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,2-Dichloroethane						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0791	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0791		
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,2-Dichloroethane						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0791	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0791	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0791	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0791	ug/L	1
Total Number of Blanks = 4			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0791		
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,2-Dichloroethane						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0791	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0791	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0791	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0791	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0791	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0791	ug/L	1
Total Number of Blanks = 6			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0791		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,2-Dichloropropane						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0742	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0742	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,2-Dichloropropane						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0742	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0742	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0742	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0742	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0742	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,2-Dichloropropane						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0742	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0742	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0742	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0742	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0742	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0742	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0742	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,3-Dichlorobenzene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.391	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.391	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,3-Dichlorobenzene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.391	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.391	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.391	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.391	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.391	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,3-Dichlorobenzene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.391	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.391	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.391	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.391	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.391	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.391	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.391	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,4-Dichlorobenzene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.423	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.423	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,4-Dichlorobenzene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.423	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.423	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.423	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.423	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.423	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1,4-Dichlorobenzene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.423	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.423	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.423	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.423	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.423	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.423	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.423	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1-Chlorohexane						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.154	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.154	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1-Chlorohexane						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.154	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.154	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.154	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.154	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.154	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1-Chlorohexane						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.154	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.154	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.154	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.154	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.154	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.154	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : 1-Chlorohexane						
Type of Blank : Trip Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.154		
Method : SW8260 - Volatile Organic Compounds						
Analyte : 2-Butanone(MEK)						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.890	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.890		
Method : SW8260 - Volatile Organic Compounds						
Analyte : 2-Butanone(MEK)						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.890	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.890	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.890	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.890	ug/L	1
Total Number of Blanks = 4			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.890		
Method : SW8260 - Volatile Organic Compounds						
Analyte : 2-Butanone(MEK)						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	3.55	0.890	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	3.42	0.890	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	3.38	0.890	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	3.61	0.890	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	3.95	0.890	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	6.35	0.890	ug/L	1
Total Number of Blanks = 6			Concentration Range:	3.38 - 6.35		
Total Number above Detection Limit = 6			Maximum Detection Limit =	0.890		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : 2-Chloroethyl vinyl ether						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.124	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.124	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 2-Chloroethyl vinyl ether						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.124	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.124	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.124	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.124	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.124	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 2-Chloroethyl vinyl ether						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.124	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.124	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.124	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.124	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.124	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.124	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.124	
Method : SW8260 - Volatile Organic Compounds						
Analyte : 2-Hexanone						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.766	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.766	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : 2-Hexanone						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.766	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.766	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.766	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.766	ug/L	1
Total Number of Blanks = 4			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.766		
Method : SW8260 - Volatile Organic Compounds						
Analyte : 2-Hexanone						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.766	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.766	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.766	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.766	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	1.15	0.766	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.766	ug/L	1
Total Number of Blanks = 6			Concentration Range:	1.15 - 1.15		
Total Number above Detection Limit = 1			Maximum Detection Limit =	0.766		
Method : SW8260 - Volatile Organic Compounds						
Analyte : 4-Methyl-2-Pentanone(MIBK)						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.501	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.501		
Method : SW8260 - Volatile Organic Compounds						
Analyte : 4-Methyl-2-Pentanone(MIBK)						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.501	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.501	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.501	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.501	ug/L	1
Total Number of Blanks = 4			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.501		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : 4-Methyl-2-Pentanone(MIBK)						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.501	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.501	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.501	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.501	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	1.60	0.501	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.501	ug/L	1
Total Number of Blanks = 6			Concentration Range:		1.60 - 1.60	
Total Number above Detection Limit = 1			Maximum Detection Limit =		0.501	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Acetone						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	2.57 (B)	2.09	ug/L	1
Total Number of Blanks = 1			Concentration Range:		2.57 - 2.57	
Total Number above Detection Limit = 1			Maximum Detection Limit =		2.09	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Acetone						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	3.38 (B)	2.09	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	2.88 (B)	2.09	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	2.24 (B)	2.09	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	2.76 (B)	2.09	ug/L	1
Total Number of Blanks = 4			Concentration Range:		2.24 - 3.38	
Total Number above Detection Limit = 4			Maximum Detection Limit =		2.09	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Acetone						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	12.5	2.09	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	10.5	2.09	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	11.8	2.09	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	10.9	2.09	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	12.2	2.09	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	14.9	2.09	ug/L	1
Total Number of Blanks = 6			Concentration Range:		10.5 - 14.9	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Acetone						
Type of Blank : Trip Blank, cont.						
Total Number above Detection Limit = 6			Maximum Detection Limit =	2.09		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Benzene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	0.120	0.0307	ug/L	1
Total Number of Blanks = 1			Concentration Range:	0.120 - 0.120		
Total Number above Detection Limit = 1			Maximum Detection Limit =	0.0307		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Benzene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	0.0400 (B)	0.0307	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	0.0300 (JB)	0.0307	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0307	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	0.0200 (JB)	0.0307	ug/L	1
Total Number of Blanks = 4			Concentration Range:	0.0200 - 0.0400		
Total Number above Detection Limit = 1			Maximum Detection Limit =	0.0307		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Benzene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	0.0200 (JB)	0.0307	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	0.0300 (JB)	0.0307	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	0.0200 (JB)	0.0307	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	0.0600 (B)	0.0307	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0307	ug/L	1
09/30/94	G94-TB-05	MSMSDB40929151301	0.0300 (JB)	0.0307	ug/L	1
Total Number of Blanks = 6			Concentration Range:	0.0200 - 0.0600		
Total Number above Detection Limit = 1			Maximum Detection Limit =	0.0307		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Bromobenzene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.165	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.165	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Bromobenzene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.165	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.165	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.165	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.165	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.165	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Bromobenzene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.165	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.165	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.165	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.165	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.165	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.165	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.165	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Bromodichloromethane						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0536	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0536	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Bromodichloromethane						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0536	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0536	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0536	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0536	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0536	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Bromodichloromethane						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0536	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0536	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0536	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0536	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0536	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0536	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0536	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Bromoform						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.108	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.108	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Bromoform						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.108	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.108	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.108	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.108	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.108	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Bromoform						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.108	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.108	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.108	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.108	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.108	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.108	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.108	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Bromomethane						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0968	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0968	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Bromomethane						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0968	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0968	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0968	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0968	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0968	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Bromomethane						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0968	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0968	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0968	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0968	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0968	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0968	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Bromomethane						
Type of Blank : Trip Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0968		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Carbon disulfide						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.161	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.161		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Carbon disulfide						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.161	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.161	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.161	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.161	ug/L	1
Total Number of Blanks = 4			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.161		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Carbon disulfide						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.161	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.161	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.161	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.161	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.161	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.161	ug/L	1
Total Number of Blanks = 6			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.161		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Carbon tetrachloride						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.117	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.117	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Carbon tetrachloride						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.117	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.117	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.117	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.117	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.117	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Carbon tetrachloride						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.117	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.117	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.117	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.117	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.117	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.117	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.117	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Chlorobenzene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.112	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.112	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Chlorobenzene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.112	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.112	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.112	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.112	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.112	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Chlorobenzene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.112	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.112	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.112	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.112	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.112	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.112	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.112	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Chloroethane						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0972	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0972	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Chloroethane						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0972	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0972	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0972	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0972	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0972	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Chloroethane						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0972	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0972	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0972	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0972	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0972	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0972	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0972	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Chloroform						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	0.850	0.0363	ug/L	1
Total Number of Blanks = 1			Concentration Range:		0.850 - 0.850	
Total Number above Detection Limit = 1			Maximum Detection Limit =		0.0363	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Chloroform						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0363	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0363	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0363	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0363	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0363	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Chloroform						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0363	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0363	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0363	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0363	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0363	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0363	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Chloroform						
Type of Blank : Trip Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0363		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Chloromethane						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.155	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.155		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Chloromethane						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	0.100 (JB)	0.155	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.155	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.155	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	0.290 (B)	0.155	ug/L	1
Total Number of Blanks = 4			Concentration Range:	0.100 - 0.290		
Total Number above Detection Limit = 1			Maximum Detection Limit =	0.155		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Chloromethane						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.155	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	0.0900 (JB)	0.155	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.155	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.155	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	0.150 (JB)	0.155	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	0.180 (B)	0.155	ug/L	1
Total Number of Blanks = 6			Concentration Range:	0.0900 - 0.180		
Total Number above Detection Limit = 1			Maximum Detection Limit =	0.155		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Dibromochloromethane						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0283	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0283	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Dibromochloromethane						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0283	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0283	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0283	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0283	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0283	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Dibromochloromethane						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0283	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0283	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0283	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0283	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0283	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0283	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0283	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Dibromomethane						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0598	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0598	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Dibromomethane						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0598	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0598	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0598	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0598	ug/L	1
Total Number of Blanks = 4			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0598		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Dibromomethane						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0598	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	0.200	0.0598	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0598	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0598	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0598	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0598	ug/L	1
Total Number of Blanks = 6			Concentration Range:	0.200 - 0.200		
Total Number above Detection Limit = 1			Maximum Detection Limit =	0.0598		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Ethyl benzene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	0.0500 (J)	0.110	ug/L	1
Total Number of Blanks = 1			Concentration Range:	0.0500 - 0.0500		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.110		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Ethyl benzene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.110	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.110	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.110	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.110	ug/L	1
Total Number of Blanks = 4			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.110		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Ethyl benzene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.110	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.110	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.110	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.110	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.110	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.110	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.110	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Meta-&Para-Xylene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	0.190 (J)	0.365	ug/L	1
Total Number of Blanks = 1			Concentration Range:		0.190 - 0.190	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.365	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Meta-&Para-Xylene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.365	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.365	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.365	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.365	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.365	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Meta-&Para-Xylene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.365	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.365	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.365	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.365	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.365	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.365	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Meta-&Para-Xylene						
Type of Blank : Trip Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.365		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Methylene Chloride						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	2.83	0.151	ug/L	1
Total Number of Blanks = 1			Concentration Range:	2.83 - 2.83		
Total Number above Detection Limit = 1			Maximum Detection Limit =	0.151		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Methylene Chloride						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	0.710 (B)	0.151	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	0.170 (B)	0.151	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	0.910 (B)	0.151	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	0.930 (B)	0.151	ug/L	1
Total Number of Blanks = 4			Concentration Range:	0.170 - 0.930		
Total Number above Detection Limit = 4			Maximum Detection Limit =	0.151		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Methylene Chloride						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	0.990 (B)	0.151	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	0.450 (B)	0.151	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	0.480 (B)	0.151	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	0.450 (B)	0.151	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	1.47 (B)	0.151	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	1.18 (B)	0.151	ug/L	1
Total Number of Blanks = 6			Concentration Range:	0.450 - 1.47		
Total Number above Detection Limit = 6			Maximum Detection Limit =	0.151		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Ortho-Xylene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	0.0900 (J)	0.124	ug/L	1
Total Number of Blanks = 1			Concentration Range:	0.0900 - 0.0900		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.124		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Ortho-Xylene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.124	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.124	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.124	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.124	ug/L	1
Total Number of Blanks = 4			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.124		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Ortho-Xylene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.124	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.124	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.124	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.124	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.124	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.124	ug/L	1
Total Number of Blanks = 6			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.124		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Styrene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	0.0500 (J)	0.113	ug/L	1
Total Number of Blanks = 1			Concentration Range:	0.0500 - 0.0500		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.113		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Styrene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.113	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.113	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.113	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.113	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.113	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Styrene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.113	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.113	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.113	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.113	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.113	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.113	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.113	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Tetrachloroethene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.209	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.209	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Tetrachloroethene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.209	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.209	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.209	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.209	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.209	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Tetrachloroethene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.209	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.209	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.209	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.209	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.209	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.209	ug/L	1
Total Number of Blanks = 6			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.209		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Toluene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	0.230	0.0336	ug/L	1
Total Number of Blanks = 1			Concentration Range:	0.230 - 0.230		
Total Number above Detection Limit = 1			Maximum Detection Limit =	0.0336		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Toluene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	0.0300 (JB)	0.0336	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0336	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0336	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0336	ug/L	1
Total Number of Blanks = 4			Concentration Range:	0.0300 - 0.0300		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0336		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Toluene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	0.0500	0.0336	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	0.0400	0.0336	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	0.0600	0.0336	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	0.0400	0.0336	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	0.0600	0.0336	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	0.0800	0.0336	ug/L	1
Total Number of Blanks = 6			Concentration Range:	0.0400 - 0.0800		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Toluene						
Type of Blank : Trip Blank, cont.						
Total Number above Detection Limit = 6			Maximum Detection Limit =	0.0336		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Trichloroethene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0439	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0439		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Trichloroethene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0439	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0439	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0439	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0439	ug/L	1
Total Number of Blanks = 4			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0439		
Method : SW8260 - Volatile Organic Compounds						
Analyte : Trichloroethene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0439	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0439	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0439	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0439	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0439	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0439	ug/L	1
Total Number of Blanks = 6			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0439		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Trichlorofluoromethane						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0943	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0943	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Trichlorofluoromethane						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0943	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0943	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0943	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0943	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0943	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Trichlorofluoromethane						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0943	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0943	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0943	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0943	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0943	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0943	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0943	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Vinyl Chloride						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0992	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0992	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Vinyl Chloride						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0992	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0992	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0992	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0992	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0992	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Vinyl Chloride						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0992	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0992	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0992	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0992	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0992	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0992	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0992	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Vinyl acetate						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.127	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.127	
Method : SW8260 - Volatile Organic Compounds						
Analyte : Vinyl acetate						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.127	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.127	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.127	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.127	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.127	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : Vinyl acetate						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.127	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.127	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.127	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.127	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.127	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.127	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.127	
Method : SW8260 - Volatile Organic Compounds						
Analyte : cis-1,2-Dichloroethene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0785	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0785	
Method : SW8260 - Volatile Organic Compounds						
Analyte : cis-1,2-Dichloroethene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0785	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0785	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0785	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0785	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0785	
Method : SW8260 - Volatile Organic Compounds						
Analyte : cis-1,2-Dichloroethene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0785	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0785	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0785	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0785	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0785	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0785	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : cis-1,2-Dichloroethene						
Type of Blank : Trip Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0785	
Method : SW8260 - Volatile Organic Compounds						
Analyte : cis-1,3-Dichloropropene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0758	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0758	
Method : SW8260 - Volatile Organic Compounds						
Analyte : cis-1,3-Dichloropropene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0758	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0758	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0758	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0758	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0758	
Method : SW8260 - Volatile Organic Compounds						
Analyte : cis-1,3-Dichloropropene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0758	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0758	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0758	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0758	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0758	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0758	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0758	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : trans-1,2-Dichloroethene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.131	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.131	
Method : SW8260 - Volatile Organic Compounds						
Analyte : trans-1,2-Dichloroethene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.131	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.131	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.131	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.131	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.131	
Method : SW8260 - Volatile Organic Compounds						
Analyte : trans-1,2-Dichloroethene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.131	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.131	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.131	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.131	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.131	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.131	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.131	
Method : SW8260 - Volatile Organic Compounds						
Analyte : trans-1,3-Dichloropropene						
Type of Blank : Ambient Blank						
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0829	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0829	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8260 - Volatile Organic Compounds						
Analyte : trans-1,3-Dichloropropene						
Type of Blank : Method Blank						
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0829	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0829	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0829	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0829	ug/L	1
Total Number of Blanks = 4			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0829	
Method : SW8260 - Volatile Organic Compounds						
Analyte : trans-1,3-Dichloropropene						
Type of Blank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0829	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0829	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0829	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0829	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0829	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0829	ug/L	1
Total Number of Blanks = 6			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0829	
Method : SW8270 - Semivolatile Organics						
Analyte : 1,2,4-Trichlorobenzene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.645	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.498	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.875	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.645	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.875	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.444	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.498	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.444	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.875	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 1,2-Dichlorobenzene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.704	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.604	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.740	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.704	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.604	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.620	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.740	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.620	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.740	
Method : SW8270 - Semivolatile Organics						
Analyte : 1,3-Dichlorobenzene						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.405	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.760	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.450	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.760	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.450	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.405	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.564	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.564	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.760	
Method : SW8270 - Semivolatile Organics						
Analyte : 1,4-Dichlorobenzene						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	1.59	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	1.40	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.705	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	1.40	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.738	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.705	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	1.59	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.738	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.59	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4,5-Trichlorophenol						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.323	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.476	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.702	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.476	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.702	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.323	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.555	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.555	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.702	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4,6-Trichlorophenol						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.385	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.450	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.505	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.450	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.505	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.385	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.661	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.661	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.661	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dichlorophenol						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.701	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.404	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.226	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.701	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.878	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.226	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.404	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.878	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.878	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dimethylphenol						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.658	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.650	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.882	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.650	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.882	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.658	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.814	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.814	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.882	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dinitrophenol						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	1.21	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	1.91	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	2.80	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	1.91	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	1.21	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	2.80	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	1.13	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	1.13	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.80	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dinitrotoluene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.777	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.317	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.502	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.777	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.502	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.690	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.317	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.690	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.777	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2,6-Dinitrotoluene						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.618	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.752	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.791	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.752	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.618	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.752	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.791	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.752	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.791	
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Chloronaphthalene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.962	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.797	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	1.15	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.962	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.797	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	1.15	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.663	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.663	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.15	
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Chlorophenol						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.637	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.537	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.677	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.637	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.677	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.571	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.537	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.571	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.677	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Methylnaphthalene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	1.17	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.811	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.729	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	1.17	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.586	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.811	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.729	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.586	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.17	
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Methylphenol						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.477	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.575	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.636	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.575	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.636	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.317	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.477	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.317	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.636	
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Nitroaniline						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.515	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.748	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	1.15	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.748	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.515	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.745	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	1.15	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.745	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.15	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Nitrophenol						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.773	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	1.08	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.691	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	1.08	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.773	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.748	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.691	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.748	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	1.08		
Method : SW8270 - Semivolatile Organics						
Analyte : 3,3'-Dichlorobenzidine						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	3.70	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.716	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.539	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.716	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	3.70	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.539	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.903	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.903	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	3.70		
Method : SW8270 - Semivolatile Organics						
Analyte : 3-Nitroaniline						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.511	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.894	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.860	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.894	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.860	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.511	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.786	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.786	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.894		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 4,6-Dinitro-2-methylphenol						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	2.89	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.457	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.976	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.457	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.991	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.976	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	2.89	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.991	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.89	
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Bromophenyl phenyl ether						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.752	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.288	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.881	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.752	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.881	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.288	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.423	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.423	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.881	
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Chloro-3-methylphenol						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.625	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.380	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.665	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.625	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.404	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.380	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.665	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.404	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.665	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Chlorophenyl phenyl ether						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.898	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.451	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.574	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.898	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.451	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.472	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.574	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.472	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.898		
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Methylphenol/3-Methylphenol						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.859	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.442	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.438	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.859	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.438	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.442	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.368	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.368	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.859		
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Nitroaniline						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.621	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.575	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	1.09	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.575	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	1.09	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.621	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	1.10	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	1.10	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	1.10		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Nitrophenol						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	1.15	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.761	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	2.79	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	1.15	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	1.17	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.761	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	2.79	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	1.17	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	2.79		
Method : SW8270 - Semivolatile Organics						
Analyte : Acenaphthene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.669	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.604	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.727	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.669	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.645	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.727	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.604	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.645	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.727		
Method : SW8270 - Semivolatile Organics						
Analyte : Acenaphthylene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.456	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.616	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.634	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.456	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.634	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.616	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.639	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.639	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.639		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Anthracene						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.664	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.460	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.588	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.460	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.664	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.588	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.770	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.770	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.770	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(a)anthracene						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.728	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.511	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.551	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.511	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.551	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.600	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.728	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.600	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.728	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(a)pyrene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.682	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.661	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.696	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.682	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.802	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.696	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.661	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.802	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.802	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(b)fluoranthene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.768	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.649	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.703	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.768	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.649	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.703	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	1.06	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	1.06	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.06	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(g,h,i)perylene						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.702	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.684	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.677	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.684	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.677	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	1.14	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.702	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	1.14	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.14	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(k)fluoranthene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	1.11	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.945	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.884	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	1.11	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	1.11	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.945	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.884	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	1.11	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.11	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Benzoic acid						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	6.03	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	3.11	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	6.03	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	3.11	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	6.03	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	26.3	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	6.03	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	26.3	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		26.3	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzyl alcohol						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.428	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.698	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.608	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.698	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.428	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.608	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.543	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.543	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.698	
Method : SW8270 - Semivolatile Organics						
Analyte : Butylbenzylphthalate						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.896	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.474	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	1.77	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.896	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	1.77	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	1.84	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.474	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	1.84	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.84	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Chrysene						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.737	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.618	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.729	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.618	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.729	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.737	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	1.00	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	1.00	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.00	
Method : SW8270 - Semivolatile Organics						
Analyte : Di-n-octylphthalate						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.673	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.646	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.798	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.673	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.798	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.520	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.646	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.520	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.798	
Method : SW8270 - Semivolatile Organics						
Analyte : Dibenz(a,h)anthracene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.729	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.810	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.732	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.729	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.732	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.810	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	1.01	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	1.01	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.01	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Dibenzofuran						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.608	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.535	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.556	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.535	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.556	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.608	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.559	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.559	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.608	
Method : SW8270 - Semivolatile Organics						
Analyte : Dibutylphthalate						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.475	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.343	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.582	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.343	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.475	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.582	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.499	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.499	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.582	
Method : SW8270 - Semivolatile Organics						
Analyte : Diethylphthalate						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.297	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.649	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.381	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.297	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.256	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.649	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.381	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.256	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.649	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Dimethylphthalate						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.405	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.444	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.398	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.444	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.405	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.398	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.452	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.452	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.452		
Method : SW8270 - Semivolatile Organics						
Analyte : Diphenylamine						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.649	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.658	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.926	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.658	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.908	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.649	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.926	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.908	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.926		
Method : SW8270 - Semivolatile Organics						
Analyte : Fluoranthene						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.672	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.686	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.627	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.686	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.672	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.595	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.627	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.595	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.686		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Fluorene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.635	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.710	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.520	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.635	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.710	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.520	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.463	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.463	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.710	
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorobenzene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	1.51	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.537	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.705	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	1.51	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.705	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.556	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.537	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.556	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.51	
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorobutadiene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.983	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.714	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.737	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.983	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.737	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.714	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	1.04	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	1.04	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.04	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorocyclopentadiene						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	1.98	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.850	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	2.13	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.850	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	1.20	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	2.13	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	1.98	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	1.20	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.13	
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachloroethane						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	5.56	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	1.79	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.843	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	5.56	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.843	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.557	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	1.79	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.557	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		5.56	
Method : SW8270 - Semivolatile Organics						
Analyte : Indeno(1,2,3-cd)pyrene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.534	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.763	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.531	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.534	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.531	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.891	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.763	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.891	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.891	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Isophorone						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.548	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.340	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.765	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.548	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.765	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.340	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.326	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.326	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.765	
Method : SW8270 - Semivolatile Organics						
Analyte : N-Nitroso-di-n-propylamine						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.804	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.567	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.431	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.804	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.567	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.431	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.622	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.622	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.804	
Method : SW8270 - Semivolatile Organics						
Analyte : Naphthalene						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.719	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.828	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.634	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.828	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.779	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.719	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.634	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.779	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.828	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Nitrobenzene						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.544	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.841	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	1.14	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.841	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	1.14	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.443	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.544	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.443	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.14	
Method : SW8270 - Semivolatile Organics						
Analyte : Pentachlorophenol						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.486	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.648	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	1.06	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.648	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	1.06	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.486	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.961	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.961	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.06	
Method : SW8270 - Semivolatile Organics						
Analyte : Phenanthrene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.634	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.617	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.814	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.634	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.814	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.666	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.617	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.666	ug/L	1
Total Number of Blanks = 8			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.814	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Phenol						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.707	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.429	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.333	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.707	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.429	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.333	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.376	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.376	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.707		
Method : SW8270 - Semivolatile Organics						
Analyte : Pyrene						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	0.814	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.798	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.446	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.814	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.446	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.714	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.798	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.714	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.814		
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroethoxy)methane						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.546	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.673	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.838	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.673	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.546	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.638	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.838	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.638	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.838		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroethyl)ether						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.595	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.670	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.924	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.670	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.595	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.924	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.492	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.492	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.924		
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroisopropyl)ether						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.555	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	1.11	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	1.14	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	1.11	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.555	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.447	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	1.14	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.447	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	1.14		
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Ethylhexyl)phthalate						
Type of Blank : Method Blank						
09/21/94	BLK944071	MSMSD240921075701	ND	0.963	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.840	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	1.49	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.840	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.963	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	2.68	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	1.49	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	2.68	ug/L	1
Total Number of Blanks = 8			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	2.68		

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : p-Chloroaniline						
Type of Blank : Method Blank						
09/21/94	BLK943961	MSMSD140921080601	ND	1.01	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.898	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.889	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	1.01	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.889	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.898	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.948	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.948	ug/L	1

Total Number of Blanks = 8 Concentration Range: NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 1.01

ATTACHMENT C - APPENDIX B

Table A-1.2

Detailed Listing of Liquid Blanks Results - 1994 Soil Samples

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : AK101 - Gasoline Range Organics							
Analyte : Gasoline Range Organics							
Type of Blank : Equipment Blank							
10/01/94	G94-DD-SS-03-EB	58743C01	1.00	(JB)	50.0	ug/L	1
10/01/94	G94-PO-SS-02-EB	58743C01	11.0	(J)	50.0	ug/L	1
Total Number of Blanks = 2			Concentration Range:		1.00 -	11.0	
Total Number above Detection Limit = 0			Maximum Detection Limit =		50.0		
Method : AK101 - Gasoline Range Organics							
Analyte : Gasoline Range Organics							
Type of Blank : Trip Blank							
10/01/94	G94-TB-09	58743C01	0.00	(JB)	50.0	ug/L	1
Total Number of Blanks = 1			Concentration Range:		0.00 -	0.00	
Total Number above Detection Limit = 0			Maximum Detection Limit =		50.0		
Method : AK102 - Diesel Range Organics							
Analyte : Diesel Range Organics							
Type of Blank : Equipment Blank							
10/01/94	G94-PO-SS-02-EB	58743D01	0.00	(JB)	100	ug/L	1
10/01/94	G94-DD-SS-03-EB	58743D01	0.00	(B)	100	ug/L	1
Total Number of Blanks = 2			Concentration Range:		0.00 -	0.00	
Total Number above Detection Limit = 0			Maximum Detection Limit =		100		
Method : SW6010 - Metals							
Analyte : Aluminum							
Type of Blank : Equipment Blank							
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	-0.0147	(JB)	0.0523	mg/L	1
Total Number of Blanks = 1			Concentration Range:		-0.0147 -	-0.0147	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0523		
Method : SW6010 - Metals							
Analyte : Aluminum							
Type of Blank : Method Blank							
10/13/94	BLK944429	EMJA6141013184501	-0.00799	(JB)	0.0523	mg/L	1
Total Number of Blanks = 1			Concentration Range:		-0.00799 -	-0.00799	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0523		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals						
Analyte : Antimony						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	0.0246 (JB)	0.0760	mg/L	1
Total Number of Blanks = 1			Concentration Range:	0.0246 -	0.0246	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0760		
Method : SW6010 - Metals						
Analyte : Antimony						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	-0.0179 (JB)	0.0760	mg/L	1
Total Number of Blanks = 1			Concentration Range:	-0.0179 -	-0.0179	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0760		
Method : SW6010 - Metals						
Analyte : Arsenic						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	-0.0132 (JB)	0.0468	mg/L	1
Total Number of Blanks = 1			Concentration Range:	-0.0132 -	-0.0132	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0468		
Method : SW6010 - Metals						
Analyte : Arsenic						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	-0.0104 (JB)	0.0468	mg/L	1
Total Number of Blanks = 1			Concentration Range:	-0.0104 -	-0.0104	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0468		
Method : SW6010 - Metals						
Analyte : Barium						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	0.00268 (B)	0.000860	mg/L	1
Total Number of Blanks = 1			Concentration Range:	0.00268 -	0.00268	
Total Number above Detection Limit = 1			Maximum Detection Limit =	0.000860		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	Method : SW6010 - Metals					
	Analyte : Barium					
	Type of Blank : Method Blank					
10/13/94	BLK944429	EMJA6141013184501	-0.000440 (JB)	0.000860	mg/L	1
	Total Number of Blanks = 1			Concentration Range: -0.000440 - -0.000440		
	Total Number above Detection Limit = 0			Maximum Detection Limit = 0.000860		
	Method : SW6010 - Metals					
	Analyte : Beryllium					
	Type of Blank : Equipment Blank					
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	0.0000500 (JB)	0.000510	mg/L	1
	Total Number of Blanks = 1			Concentration Range: 0.0000500 - 0.0000500		
	Total Number above Detection Limit = 0			Maximum Detection Limit = 0.000510		
	Method : SW6010 - Metals					
	Analyte : Beryllium					
	Type of Blank : Method Blank					
10/13/94	BLK944429	EMJA6141013184501	0.0000500 (JB)	0.000510	mg/L	1
	Total Number of Blanks = 1			Concentration Range: 0.0000500 - 0.0000500		
	Total Number above Detection Limit = 0			Maximum Detection Limit = 0.000510		
	Method : SW6010 - Metals					
	Analyte : Cadmium					
	Type of Blank : Equipment Blank					
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	0.000220 (JB)	0.00386	mg/L	1
	Total Number of Blanks = 1			Concentration Range: 0.000220 - 0.000220		
	Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00386		
	Method : SW6010 - Metals					
	Analyte : Cadmium					
	Type of Blank : Method Blank					
10/13/94	BLK944429	EMJA6141013184501	0.000900 (JB)	0.00386	mg/L	1
	Total Number of Blanks = 1			Concentration Range: 0.000900 - 0.000900		
	Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00386		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals						
Analyte : Calcium						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	0.0907 (B)	0.0175	mg/L	1
Total Number of Blanks = 1			Concentration Range:	0.0907 -	0.0907	
Total Number above Detection Limit = 1			Maximum Detection Limit =	0.0175		
Method : SW6010 - Metals						
Analyte : Calcium						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	0.0276 (B)	0.0175	mg/L	1
Total Number of Blanks = 1			Concentration Range:	0.0276 -	0.0276	
Total Number above Detection Limit = 1			Maximum Detection Limit =	0.0175		
Method : SW6010 - Metals						
Analyte : Chromium						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	-0.00199 (JB)	0.00524	mg/L	1
Total Number of Blanks = 1			Concentration Range:	-0.00199 -	-0.00199	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.00524		
Method : SW6010 - Metals						
Analyte : Chromium						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	-0.00464 (JB)	0.00524	mg/L	1
Total Number of Blanks = 1			Concentration Range:	-0.00464 -	-0.00464	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.00524		
Method : SW6010 - Metals						
Analyte : Cobalt						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	0.00279 (JB)	0.00407	mg/L	1
Total Number of Blanks = 1			Concentration Range:	0.00279 -	0.00279	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.00407		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals						
Analyte : Cobalt						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	-0.00698 (JB)	0.00407	mg/L	1
Total Number of Blanks = 1			Concentration Range: -0.00698 - -0.00698			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00407			
Method : SW6010 - Metals						
Analyte : Copper						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	0.00259 (JB)	0.00916	mg/L	1
Total Number of Blanks = 1			Concentration Range: 0.00259 - 0.00259			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00916			
Method : SW6010 - Metals						
Analyte : Copper						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	-0.000640 (JB)	0.00916	mg/L	1
Total Number of Blanks = 1			Concentration Range: -0.000640 - -0.000640			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00916			
Method : SW6010 - Metals						
Analyte : Iron						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	0.00896 (B)	0.00452	mg/L	1
Total Number of Blanks = 1			Concentration Range: 0.00896 - 0.00896			
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.00452			
Method : SW6010 - Metals						
Analyte : Iron						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	0.00158 (JB)	0.00452	mg/L	1
Total Number of Blanks = 1			Concentration Range: 0.00158 - 0.00158			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00452			

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals						
Analyte : Lead						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	-0.00911 (JB)	0.0216	mg/L	1
Total Number of Blanks = 1			Concentration Range:	-0.00911 -	-0.00911	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0216		
Method : SW6010 - Metals						
Analyte : Lead						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	-0.0110 (JB)	0.0216	mg/L	1
Total Number of Blanks = 1			Concentration Range:	-0.0110 -	-0.0110	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0216		
Method : SW6010 - Metals						
Analyte : Magnesium						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	0.00609 (JB)	0.0479	mg/L	1
Total Number of Blanks = 1			Concentration Range:	0.00609 -	0.00609	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0479		
Method : SW6010 - Metals						
Analyte : Magnesium						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	-0.0142 (JB)	0.0479	mg/L	1
Total Number of Blanks = 1			Concentration Range:	-0.0142 -	-0.0142	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0479		
Method : SW6010 - Metals						
Analyte : Manganese						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	0.00212 (B)	0.00155	mg/L	1
Total Number of Blanks = 1			Concentration Range:	0.00212 -	0.00212	
Total Number above Detection Limit = 1			Maximum Detection Limit =	0.00155		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals						
Analyte : Manganese						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	-0.00211 (JB)	0.00155	mg/L	1
Total Number of Blanks = 1			Concentration Range:	-0.00211 -	-0.00211	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.00155		
Method : SW6010 - Metals						
Analyte : Molybdenum						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	-0.00374 (JB)	0.00739	mg/L	1
Total Number of Blanks = 1			Concentration Range:	-0.00374 -	-0.00374	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.00739		
Method : SW6010 - Metals						
Analyte : Molybdenum						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	-0.00502 (JB)	0.00739	mg/L	1
Total Number of Blanks = 1			Concentration Range:	-0.00502 -	-0.00502	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.00739		
Method : SW6010 - Metals						
Analyte : Nickel						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	0.0128 (JB)	0.0141	mg/L	1
Total Number of Blanks = 1			Concentration Range:	0.0128 -	0.0128	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0141		
Method : SW6010 - Metals						
Analyte : Nickel						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	0.00481 (JB)	0.0141	mg/L	1
Total Number of Blanks = 1			Concentration Range:	0.00481 -	0.00481	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0141		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals						
Analyte : Potassium						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	0.290 (JB)	0.822	mg/L	1
Total Number of Blanks = 1			Concentration Range:	0.290 -	0.290	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.822		
Method : SW6010 - Metals						
Analyte : Potassium						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	-0.679 (JB)	0.822	mg/L	1
Total Number of Blanks = 1			Concentration Range:	-0.679 -	-0.679	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.822		
Method : SW6010 - Metals						
Analyte : Selenium						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	-0.0211 (JB)	0.0891	mg/L	1
Total Number of Blanks = 1			Concentration Range:	-0.0211 -	-0.0211	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0891		
Method : SW6010 - Metals						
Analyte : Selenium						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	0.00790 (JB)	0.0891	mg/L	1
Total Number of Blanks = 1			Concentration Range:	0.00790 -	0.00790	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0891		
Method : SW6010 - Metals						
Analyte : Silver						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	-0.000800 (JB)	0.00519	mg/L	1
Total Number of Blanks = 1			Concentration Range:	-0.000800 -	-0.000800	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.00519		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals						
Analyte : Silver						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	0.00150 (JB)	0.00519	mg/L	1
Total Number of Blanks = 1			Concentration Range:	0.00150 -	0.00150	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.00519		
Method : SW6010 - Metals						
Analyte : Sodium						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	0.0344 (JB)	0.0401	mg/L	1
Total Number of Blanks = 1			Concentration Range:	0.0344 -	0.0344	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0401		
Method : SW6010 - Metals						
Analyte : Sodium						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	0.0355 (JB)	0.0401	mg/L	1
Total Number of Blanks = 1			Concentration Range:	0.0355 -	0.0355	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0401		
Method : SW6010 - Metals						
Analyte : Thallium						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	-0.0162 (JB)	0.0833	mg/L	1
Total Number of Blanks = 1			Concentration Range:	-0.0162 -	-0.0162	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0833		
Method : SW6010 - Metals						
Analyte : Thallium						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	-0.0369 (JB)	0.0833	mg/L	1
Total Number of Blanks = 1			Concentration Range:	-0.0369 -	-0.0369	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.0833		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals						
Analyte : Vanadium						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	-0.00791 (JB)	0.00454	mg/L	1
Total Number of Blanks = 1			Concentration Range: -0.00791 - -0.00791			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00454			
Method : SW6010 - Metals						
Analyte : Vanadium						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	-0.00811 (JB)	0.00454	mg/L	1
Total Number of Blanks = 1			Concentration Range: -0.00811 - -0.00811			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00454			
Method : SW6010 - Metals						
Analyte : Zinc						
Type of Blank : Equipment Blank						
10/13/94	G94-PO-SS-02-EB	EMJA6141013184501	0.00163 (JB)	0.00402	mg/L	1
Total Number of Blanks = 1			Concentration Range: 0.00163 - 0.00163			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.00402			
Method : SW6010 - Metals						
Analyte : Zinc						
Type of Blank : Method Blank						
10/13/94	BLK944429	EMJA6141013184501	0.00525 (B)	0.00402	mg/L	1
Total Number of Blanks = 1			Concentration Range: 0.00525 - 0.00525			
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.00402			
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : 4,4'-DDD						
Type of Blank : Equipment Blank						
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	0.0140	0.00234	ug/L	1
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.00227	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00220	ug/L	1
Total Number of Blanks = 3			Concentration Range: 0.0140 - 0.0140			
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.00234			

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : 4,4'-DDD						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00225	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00225	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00225	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : 4,4'-DDE						
Type of Blank : Equipment Blank						
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.00469	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7B41014120001	ND	0.00597	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00455	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00597	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : 4,4'-DDE						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00464	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00464	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00464	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : 4,4'-DDT						
Type of Blank : Equipment Blank						
10/14/94	G94-DD-SS-03-EB	CHGC7B41014120001	0.00770 (KJ)	0.00914	ug/L	1
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.00754	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	0.00460 (J)	0.00731	ug/L	1
Total Number of Blanks = 3			Concentration Range:		0.00460 - 0.00770	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00914	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : 4,4'-DDT						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00746	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00746	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00746	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Aldrin						
Type of Blank : Equipment Blank						
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.00295	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00304	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7B41021120002	0.00190 (KJ)	0.00277	ug/L	1
Total Number of Blanks = 3			Concentration Range:		0.00190 - 0.00190	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00304	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Aldrin						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00292	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00292	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00292	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Chlordane						
Type of Blank : Equipment Blank						
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.0242	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.0250	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.0235	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0250	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : Chlordane							
Type of Blank : Method Blank							
10/14/94	BLK944274	CHGC7A41014120001	ND		0.0240	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND		0.0240	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0240		
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : Dieldrin							
Type of Blank : Equipment Blank							
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND		0.00420	ug/L	1
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND		0.00407	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	0.00160	(KJB)	0.00395	ug/L	1
Total Number of Blanks = 3			Concentration Range:		0.00160 - 0.00160		
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00420		
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : Dieldrin							
Type of Blank : Method Blank							
10/14/94	BLK944274	CHGC7A41014120001	ND		0.00403	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	0.00100	(KJB)	0.00403	ug/L	1
Total Number of Blanks = 2			Concentration Range:		0.00100 - 0.00100		
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00403		
Method : SW8080 - Organochlorine Pesticides and PCBs							
Analyte : Endosulfan I							
Type of Blank : Equipment Blank							
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND		0.00948	ug/L	1
10/14/94	G94-PO-SS-02-EB	CHGC7B41014120001	0.00140	(KJ)	0.0146	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND		0.00892	ug/L	1
Total Number of Blanks = 3			Concentration Range:		0.00140 - 0.00140		
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0146		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan I						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00910	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00910	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00910	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan II						
Type of Blank : Equipment Blank						
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.00384	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00396	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00372	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00396	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan II						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00380	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00380	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00380	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan Sulfate						
Type of Blank : Equipment Blank						
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.00549	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00567	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00533	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00567	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan Sulfate						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00544	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00544	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00544	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endrin						
Type of Blank : Equipment Blank						
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00756	ug/L	1
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.00733	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00712	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00756	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endrin						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00726	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00726	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00726	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endrin Aldehyde						
Type of Blank : Equipment Blank						
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.00404	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00417	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00392	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00417	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endrin Aldehyde						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00400	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00400	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00400	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Heptachlor						
Type of Blank : Equipment Blank						
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.00238	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00246	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00231	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00246	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Heptachlor						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00236	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00236	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00236	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Heptachlor epoxide						
Type of Blank : Equipment Blank						
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.00229	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00236	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00222	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00236	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Heptachlor epoxide						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00227	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00227	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00227	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Methoxychlor						
Type of Blank : Equipment Blank						
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.0570	ug/L	1
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.0553	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.0536	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0570	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Methoxychlor						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.0547	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.0547	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0547	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1016						
Type of Blank : Equipment Blank						
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.0254	ug/L	1
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.0246	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.0239	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0254	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1016						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.0244	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.0244	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0244	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1221						
Type of Blank : Equipment Blank						
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.0234	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.0242	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.0227	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0242	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1221						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.0232	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.0232	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0232	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1232						
Type of Blank : Equipment Blank						
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.0182	ug/L	1
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.0177	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.0172	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0182	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1232						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.0175	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.0175	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0175	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1242						
Type of Blank : Equipment Blank						
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.125	ug/L	1
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.121	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.118	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.125	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1242						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.120	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.120	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.120	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1248						
Type of Blank : Equipment Blank						
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.0421	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.0434	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.0409	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0434	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1248						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.0417	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.0417	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0417	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1254						
Type of Blank : Equipment Blank						
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.0311	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.0321	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.0302	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0321	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1254						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.0308	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.0308	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0308	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1260						
Type of Blank : Equipment Blank						
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.0353	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.0364	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.0342	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0364	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1260						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.0349	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.0349	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0349	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Toxaphene						
Type of Blank : Equipment Blank						
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.0431	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.0445	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.0419	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0445	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Toxaphene						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.0427	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.0427	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0427	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : alpha-BHC						
Type of Blank : Equipment Blank						
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00447	ug/L	1
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.00433	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00420	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00447	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : alpha-BHC						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00429	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00429	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00429	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : beta-BHC						
Type of Blank : Equipment Blank						
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.00342	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00353	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00332	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00353	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : beta-BHC						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00339	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00339	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00339	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : delta-BHC						
Type of Blank : Equipment Blank						
10/14/94	G94-PO-SS-02-EB	CHGC7B41014120001	ND	0.00180	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7B41014120001	ND	0.00185	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	0.00850	0.00214	ug/L	1
Total Number of Blanks = 3			Concentration Range:		0.00850 - 0.00850	
Total Number above Detection Limit = 1			Maximum Detection Limit =		0.00214	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : delta-BHC						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00218	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00218	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00218	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : gamma-BHC						
Type of Blank : Equipment Blank						
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	ND	0.00395	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00407	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00383	ug/L	1
Total Number of Blanks = 3			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00407	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : gamma-BHC						
Type of Blank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00391	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00391	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00391	
Method : SW8270 - Semivolatile Organics						
Analyte : 1,2,4-Trichlorobenzene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.639	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.639	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 1,2,4-Trichlorobenzene						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.645	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.645	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.645	
Method : SW8270 - Semivolatile Organics						
Analyte : 1,2-Dichlorobenzene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.697	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.697	
Method : SW8270 - Semivolatile Organics						
Analyte : 1,2-Dichlorobenzene						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.704	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.704	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.704	
Method : SW8270 - Semivolatile Organics						
Analyte : 1,3-Dichlorobenzene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.752	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.752	
Method : SW8270 - Semivolatile Organics						
Analyte : 1,3-Dichlorobenzene						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.760	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.760	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 1,3-Dichlorobenzene						
Type of Blank : Method Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.760		
Method : SW8270 - Semivolatile Organics						
Analyte : 1,4-Dichlorobenzene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	1.39	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =	1.39		
Method : SW8270 - Semivolatile Organics						
Analyte : 1,4-Dichlorobenzene						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	1.40	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	1.40	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =	1.40		
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4,5-Trichlorophenol						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.471	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.471		
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4,5-Trichlorophenol						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.476	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.476	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.476		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4,6-Trichlorophenol						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.446	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.446	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4,6-Trichlorophenol						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.450	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.450	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.450	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dichlorophenol						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.694	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.694	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dichlorophenol						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.701	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.701	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.701	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dimethylphenol						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.644	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.644	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dimethylphenol						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.650	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.650	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.650	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dinitrophenol						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	1.89	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.89	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dinitrophenol						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	1.91	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	1.91	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.91	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dinitrotoluene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.769	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.769	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dinitrotoluene						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.777	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.777	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dinitrotoluene						
Type of Blank : Method Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.777	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,6-Dinitrotoluene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.745	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.745	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,6-Dinitrotoluene						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.752	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.752	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.752	
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Chloronaphthalene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.952	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.952	
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Chloronaphthalene						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.962	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.962	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.962	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Chlorophenol						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.631	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.631	
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Chlorophenol						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.637	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.637	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.637	
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Methylnaphthalene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	1.16	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.16	
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Methylnaphthalene						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	1.17	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	1.17	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.17	
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Methylphenol						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.569	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.569	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Methylphenol						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.575	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.575	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.575	
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Nitroaniline						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.741	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.741	
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Nitroaniline						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.748	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.748	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.748	
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Nitrophenol						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	1.07	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.07	
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Nitrophenol						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	1.08	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	1.08	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Nitrophenol						
Type of Blank : Method Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =	1.08		
Method : SW8270 - Semivolatile Organics						
Analyte : 3,3'-Dichlorobenzidine						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.709	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.709		
Method : SW8270 - Semivolatile Organics						
Analyte : 3,3'-Dichlorobenzidine						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.716	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.716	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.716		
Method : SW8270 - Semivolatile Organics						
Analyte : 3-Nitroaniline						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.885	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.885		
Method : SW8270 - Semivolatile Organics						
Analyte : 3-Nitroaniline						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.894	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.894	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.894		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 4,6-Dinitro-2-methylphenol						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.452	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.452	
Method : SW8270 - Semivolatile Organics						
Analyte : 4,6-Dinitro-2-methylphenol						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.457	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.457	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.457	
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Bromophenyl phenyl ether						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.745	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.745	
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Bromophenyl phenyl ether						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.752	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.752	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.752	
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Chloro-3-methylphenol						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.619	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.619	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Chloro-3-methylphenol						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.625	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.625	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.625	
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Chlorophenyl phenyl ether						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.889	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.889	
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Chlorophenyl phenyl ether						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.898	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.898	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.898	
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Methylphenol/3-Methylphenol						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.850	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.850	
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Methylphenol/3-Methylphenol						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.859	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.859	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Methylphenol/3-Methylphenol						
Type of Blank : Method Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.859		
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Nitroaniline						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.569	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.569		
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Nitroaniline						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.575	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.575	ug/L	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.575		
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Nitrophenol						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	1.14	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	1.14		
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Nitrophenol						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	1.15	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	1.15	ug/L	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	1.15		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Acenaphthene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.662	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.662	
Method : SW8270 - Semivolatile Organics						
Analyte : Acenaphthene						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.669	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.669	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.669	
Method : SW8270 - Semivolatile Organics						
Analyte : Acenaphthylene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.451	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.451	
Method : SW8270 - Semivolatile Organics						
Analyte : Acenaphthylene						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.456	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.456	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.456	
Method : SW8270 - Semivolatile Organics						
Analyte : Anthracene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.455	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.455	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Anthracene						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.460	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.460	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.460	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(a)anthracene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.506	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.506	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(a)anthracene						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.511	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.511	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.511	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(a)pyrene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.675	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.675	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(a)pyrene						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.682	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.682	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(a)pyrene						
Type of Blank : Method Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.682		
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(b)fluoranthene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.760	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.760		
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(b)fluoranthene						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.768	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.768	ug/L	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.768		
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(g,h,i)perylene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.677	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.677		
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(g,h,i)perylene						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.684	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.684	ug/L	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.684		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(k)fluoranthene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	1.10	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.10	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(k)fluoranthene						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	1.11	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	1.11	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.11	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzoic acid						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	3.08	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		3.08	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzoic acid						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	3.11	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	3.11	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		3.11	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzyl alcohol						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.691	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.691	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Benzyl alcohol						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.698	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.698	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.698	
Method : SW8270 - Semivolatile Organics						
Analyte : Butylbenzylphthalate						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.887	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.887	
Method : SW8270 - Semivolatile Organics						
Analyte : Butylbenzylphthalate						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.896	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.896	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.896	
Method : SW8270 - Semivolatile Organics						
Analyte : Chrysene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.612	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.612	
Method : SW8270 - Semivolatile Organics						
Analyte : Chrysene						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.618	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.618	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Chrysene						
Type of Blank : Method Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.618		
Method : SW8270 - Semivolatile Organics						
Analyte : Di-n-octylphthalate						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.666	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.666		
Method : SW8270 - Semivolatile Organics						
Analyte : Di-n-octylphthalate						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.673	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.673	ug/L	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.673		
Method : SW8270 - Semivolatile Organics						
Analyte : Dibenz(a,h)anthracene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.722	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.722		
Method : SW8270 - Semivolatile Organics						
Analyte : Dibenz(a,h)anthracene						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.729	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.729	ug/L	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.729		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Dibenzofuran						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.530	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.530	
Method : SW8270 - Semivolatile Organics						
Analyte : Dibenzofuran						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.535	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.535	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.535	
Method : SW8270 - Semivolatile Organics						
Analyte : Dibutylphthalate						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.340	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.340	
Method : SW8270 - Semivolatile Organics						
Analyte : Dibutylphthalate						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.343	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.343	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.343	
Method : SW8270 - Semivolatile Organics						
Analyte : Diethylphthalate						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.294	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.294	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Diethylphthalate						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.297	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.297	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.297	
Method : SW8270 - Semivolatile Organics						
Analyte : Dimethylphthalate						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.440	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.440	
Method : SW8270 - Semivolatile Organics						
Analyte : Dimethylphthalate						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.444	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.444	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.444	
Method : SW8270 - Semivolatile Organics						
Analyte : Diphenylamine						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.651	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.651	
Method : SW8270 - Semivolatile Organics						
Analyte : Diphenylamine						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.658	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.658	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Diphenylamine						
Type of Blank : Method Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.658		
Method : SW8270 - Semivolatile Organics						
Analyte : Fluoranthene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.679	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.679		
Method : SW8270 - Semivolatile Organics						
Analyte : Fluoranthene						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.686	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.686	ug/L	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.686		
Method : SW8270 - Semivolatile Organics						
Analyte : Fluorene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.629	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.629		
Method : SW8270 - Semivolatile Organics						
Analyte : Fluorene						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.635	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.635	ug/L	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.635		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorobenzene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	1.50	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.50	
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorobenzene						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	1.51	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	1.51	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.51	
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorobutadiene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.973	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.973	
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorobutadiene						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.983	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.983	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.983	
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorocyclopentadiene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.842	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.842	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorocyclopentadiene						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.850	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.850	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.850	
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachloroethane						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	5.50	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		5.50	
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachloroethane						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	5.56	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	5.56	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		5.56	
Method : SW8270 - Semivolatile Organics						
Analyte : Indeno(1,2,3-cd)pyrene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.529	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.529	
Method : SW8270 - Semivolatile Organics						
Analyte : Indeno(1,2,3-cd)pyrene						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.534	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.534	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Indeno(1,2,3-cd)pyrene						
Type of Blank : Method Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.534		
Method : SW8270 - Semivolatile Organics						
Analyte : Isophorone						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.543	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.543		
Method : SW8270 - Semivolatile Organics						
Analyte : Isophorone						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.548	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.548	ug/L	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.548		
Method : SW8270 - Semivolatile Organics						
Analyte : N-Nitroso-di-n-propylamine						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.796	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.796		
Method : SW8270 - Semivolatile Organics						
Analyte : N-Nitroso-di-n-propylamine						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.804	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.804	ug/L	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.804		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Naphthalene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.820	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.820	
Method : SW8270 - Semivolatile Organics						
Analyte : Naphthalene						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.828	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.828	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.828	
Method : SW8270 - Semivolatile Organics						
Analyte : Nitrobenzene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.833	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.833	
Method : SW8270 - Semivolatile Organics						
Analyte : Nitrobenzene						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.841	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.841	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.841	
Method : SW8270 - Semivolatile Organics						
Analyte : Pentachlorophenol						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.642	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.642	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Pentachlorophenol						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.648	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.648	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.648	
Method : SW8270 - Semivolatile Organics						
Analyte : Phenanthrene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.628	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.628	
Method : SW8270 - Semivolatile Organics						
Analyte : Phenanthrene						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.634	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.634	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.634	
Method : SW8270 - Semivolatile Organics						
Analyte : Phenol						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.700	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.700	
Method : SW8270 - Semivolatile Organics						
Analyte : Phenol						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.707	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.707	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Phenol						
Type of Blank : Method Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.707		
Method : SW8270 - Semivolatile Organics						
Analyte : Pyrene						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.806	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.806		
Method : SW8270 - Semivolatile Organics						
Analyte : Pyrene						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.814	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.814	ug/L	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.814		
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroethoxy)methane						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.666	ug/L	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.666		
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroethoxy)methane						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	0.673	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.673	ug/L	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.673		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroethyl)ether						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.663	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.663	
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroethyl)ether						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.670	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.670	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.670	
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroisopropyl)ether						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	1.10	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.10	
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroisopropyl)ether						
Type of Blank : Method Blank						
10/03/94	BLK944279	MSMSD141003085801	ND	1.11	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	1.11	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.11	
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Ethylhexyl)phthalate						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	0.832	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.832	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Ethylhexyl)phthalate						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	0.840	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	0.840	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.840	
Method : SW8270 - Semivolatile Organics						
Analyte : p-Chloroaniline						
Type of Blank : Equipment Blank						
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	ND	1.00	ug/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.00	
Method : SW8270 - Semivolatile Organics						
Analyte : p-Chloroaniline						
Type of Blank : Method Blank						
10/03/94	BLK944216	MSMSD141003085801	ND	1.01	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND	1.01	ug/L	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.01	
Method : SW8280 - Dioxins and Furans						
Analyte : 2,3,7,8-TCDD						
Type of Blank : Equipment Blank						
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	ND	2.71	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.71	
Method : SW8280 - Dioxins and Furans						
Analyte : 2,3,7,8-TCDD						
Type of Blank : Method Blank						
10/19/94	BLK944330	MS597141019114301	ND	2.80	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.80	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8280 - Dioxins and Furans						
Analyte : HpCDD Totals						
Type of Blank : Equipment Blank						
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	ND	4.22	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		4.22	
Method : SW8280 - Dioxins and Furans						
Analyte : HpCDD Totals						
Type of Blank : Method Blank						
10/19/94	BLK944330	MS597141019114301	ND	4.22	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		4.22	
Method : SW8280 - Dioxins and Furans						
Analyte : HpCDF Totals						
Type of Blank : Equipment Blank						
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	ND	3.62	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		3.62	
Method : SW8280 - Dioxins and Furans						
Analyte : HpCDF Totals						
Type of Blank : Method Blank						
10/19/94	BLK944330	MS597141019114301	ND	3.57	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		3.57	
Method : SW8280 - Dioxins and Furans						
Analyte : HxCDD Totals						
Type of Blank : Equipment Blank						
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	ND	4.14	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		4.14	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8280 - Dioxins and Furans						
Analyte : HxCDD Totals						
Type of Blank : Method Blank						
10/19/94	BLK944330	MS597141019114301	ND	4.09	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		4.09	
Method : SW8280 - Dioxins and Furans						
Analyte : HxCDF Totals						
Type of Blank : Equipment Blank						
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	ND	2.61	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.61	
Method : SW8280 - Dioxins and Furans						
Analyte : HxCDF Totals						
Type of Blank : Method Blank						
10/19/94	BLK944330	MS597141019114301	ND	2.56	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.56	
Method : SW8280 - Dioxins and Furans						
Analyte : OCDD						
Type of Blank : Equipment Blank						
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	ND	7.94	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		7.94	
Method : SW8280 - Dioxins and Furans						
Analyte : OCDD						
Type of Blank : Method Blank						
10/19/94	BLK944330	MS597141019114301	ND	7.87	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		7.87	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8280 - Dioxins and Furans						
Analyte : OCDF						
Type of Blank : Equipment Blank						
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	ND	6.40	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		6.40	
Method : SW8280 - Dioxins and Furans						
Analyte : OCDF						
Type of Blank : Method Blank						
10/19/94	BLK944330	MS597141019114301	ND	6.19	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		6.19	
Method : SW8280 - Dioxins and Furans						
Analyte : PeCDD Totals						
Type of Blank : Equipment Blank						
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	ND	3.59	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		3.59	
Method : SW8280 - Dioxins and Furans						
Analyte : PeCDD Totals						
Type of Blank : Method Blank						
10/19/94	BLK944330	MS597141019114301	ND	3.55	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		3.55	
Method : SW8280 - Dioxins and Furans						
Analyte : PeCDF Totals						
Type of Blank : Equipment Blank						
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	ND	2.39	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.39	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8280 - Dioxins and Furans						
Analyte : PeCDF Totals						
Type of Blank : Method Blank						
10/19/94	BLK944330	MS597141019114301	ND	2.45	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.45	
Method : SW8280 - Dioxins and Furans						
Analyte : TCDD Totals						
Type of Blank : Equipment Blank						
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	ND	2.71	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.71	
Method : SW8280 - Dioxins and Furans						
Analyte : TCDD Totals						
Type of Blank : Method Blank						
10/19/94	BLK944330	MS597141019114301	ND	2.80	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.80	
Method : SW8280 - Dioxins and Furans						
Analyte : TCDF Totals						
Type of Blank : Equipment Blank						
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	ND	1.93	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.93	
Method : SW8280 - Dioxins and Furans						
Analyte : TCDF Totals						
Type of Blank : Method Blank						
10/19/94	BLK944330	MS597141019114301	ND	1.98	ng/L	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.98	

ATTACHMENT C - APPENDIX B

Table A-1.3

Detailed Listing of Solid Blanks Results - 1994 Soil Samples

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : AK101 - Gasoline Range Organics							
Analyte : Gasoline Range Organics							
Type of Blank : Method Blank							
09/27/94	METHOD BLANK	58743C01	0.00	(J)	5.00	mg/kg	1
Total Number of Blanks = 1			Concentration Range:		0.00 -	0.00	
Total Number above Detection Limit = 0			Maximum Detection Limit =		5.00		
Method : AK102 - Diesel Range Organics							
Analyte : Diesel Range Organics							
Type of Blank : Method Blank							
09/29/94	METHOD BLANK	58743D01	0.00	(J)	4.00	mg/kg	1
Total Number of Blanks = 1			Concentration Range:		0.00 -	0.00	
Total Number above Detection Limit = 0			Maximum Detection Limit =		4.00		
Method : SW6010 - Metals							
Analyte : Aluminum							
Type of Blank : Method Blank							
10/05/94	BLK944282	EMJA6141005100004	2.44	(J)	2.76	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	2.30	(J)	2.76	mg/kg	1
Total Number of Blanks = 2			Concentration Range:		2.30 -	2.44	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.76		
Method : SW6010 - Metals							
Analyte : Antimony							
Type of Blank : Method Blank							
10/05/94	BLK944282	EMJA6141005100004	-0.556	(J)	5.86	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	1.12	(J)	5.86	mg/kg	1
Total Number of Blanks = 2			Concentration Range:		-0.556 -	1.12	
Total Number above Detection Limit = 0			Maximum Detection Limit =		5.86		
Method : SW6010 - Metals							
Analyte : Arsenic							
Type of Blank : Method Blank							
10/05/94	BLK944282	EMJA6141005100004	0.0710	(J)	3.47	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	-1.61	(J)	3.47	mg/kg	1
Total Number of Blanks = 2			Concentration Range:		-1.61 -	0.0710	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals						
Analyte : Arsenic						
Type of Blank : Method Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit = 3.47			
Method : SW6010 - Metals						
Analyte : Barium						
Type of Blank : Method Blank						
10/05/94	BLK944282	EMJA6141005100004	0.0420 (J)	0.0697	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	-0.0420 (J)	0.0697	mg/kg	1
Total Number of Blanks = 2			Concentration Range: -0.0420 - 0.0420			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0697			
Method : SW6010 - Metals						
Analyte : Beryllium						
Type of Blank : Method Blank						
10/05/94	BLK944282	EMJA6141005100004	0.107	0.0329	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	0.108	0.0329	mg/kg	1
Total Number of Blanks = 2			Concentration Range: 0.107 - 0.108			
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.0329			
Method : SW6010 - Metals						
Analyte : Cadmium						
Type of Blank : Method Blank						
10/05/94	BLK944282	EMJA6141005100004	-0.244 (J)	0.372	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	0.142 (J)	0.372	mg/kg	1
Total Number of Blanks = 2			Concentration Range: -0.244 - 0.142			
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.372			
Method : SW6010 - Metals						
Analyte : Calcium						
Type of Blank : Method Blank						
10/05/94	BLK944282	EMJA6141005100004	3.89	1.37	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	3.22	1.37	mg/kg	1
Total Number of Blanks = 2			Concentration Range: 3.22 - 3.89			
Total Number above Detection Limit = 2			Maximum Detection Limit = 1.37			

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals						
Analyte : Chromium						
Type of Blank : Method Blank						
10/05/94	BLK944282	EMJA6141005100004	0.166 (J)	0.197	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	0.617	0.197	mg/kg	1
Total Number of Blanks = 2			Concentration Range:	0.166 -	0.617	
Total Number above Detection Limit = 1			Maximum Detection Limit =	0.197		
Method : SW6010 - Metals						
Analyte : Cobalt						
Type of Blank : Method Blank						
10/05/94	BLK944282	EMJA6141005100004	-0.183 (J)	0.538	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	0.00 (J)	0.538	mg/kg	1
Total Number of Blanks = 2			Concentration Range:	-0.183 -	0.00	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.538		
Method : SW6010 - Metals						
Analyte : Copper						
Type of Blank : Method Blank						
10/05/94	BLK944282	EMJA6141005100004	0.353 (J)	0.502	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	0.294 (J)	0.502	mg/kg	1
Total Number of Blanks = 2			Concentration Range:	0.294 -	0.353	
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.502		
Method : SW6010 - Metals						
Analyte : Iron						
Type of Blank : Method Blank						
10/05/94	BLK944282	EMJA6141005100004	2.12	0.509	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	1.54	0.509	mg/kg	1
Total Number of Blanks = 2			Concentration Range:	1.54 -	2.12	
Total Number above Detection Limit = 2			Maximum Detection Limit =	0.509		

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Lead							
Type of Blank : Method Blank							
10/05/94	BLK944282	EMJA6141005100004	-3.58	(J)	2.12	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	-1.26	(J)	2.12	mg/kg	1
Total Number of Blanks = 2			Concentration Range:		-3.58 -	-1.26	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.12		
Method : SW6010 - Metals							
Analyte : Magnesium							
Type of Blank : Method Blank							
10/05/94	BLK944282	EMJA6141005100004	-0.723	(J)	9.63	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	-0.222	(J)	9.63	mg/kg	1
Total Number of Blanks = 2			Concentration Range:		-0.723 -	-0.222	
Total Number above Detection Limit = 0			Maximum Detection Limit =		9.63		
Method : SW6010 - Metals							
Analyte : Manganese							
Type of Blank : Method Blank							
10/05/94	BLK944282	EMJA6141005100004	0.00100	(J)	0.492	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	0.140	(J)	0.492	mg/kg	1
Total Number of Blanks = 2			Concentration Range:		0.00100 -	0.140	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.492		
Method : SW6010 - Metals							
Analyte : Molybdenum							
Type of Blank : Method Blank							
10/05/94	BLK944282	EMJA6141005100004	0.282	(J)	0.384	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	0.523		0.384	mg/kg	1
Total Number of Blanks = 2			Concentration Range:		0.282 -	0.523	
Total Number above Detection Limit = 1			Maximum Detection Limit =		0.384		

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals							
Analyte : Nickel							
Type of Blank : Method Blank							
10/05/94	BLK944282	EMJA6141005100004	0.518	(J)	1.14	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	0.518	(J)	1.14	mg/kg	1
Total Number of Blanks = 2			Concentration Range: 0.518 - 0.518				
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.14				
Method : SW6010 - Metals							
Analyte : Potassium							
Type of Blank : Method Blank							
10/05/94	BLK944282	EMJA6141005100004	1.88	(J)	44.1	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	5.63	(J)	44.1	mg/kg	1
Total Number of Blanks = 2			Concentration Range: 1.88 - 5.63				
Total Number above Detection Limit = 0			Maximum Detection Limit = 44.1				
Method : SW6010 - Metals							
Analyte : Selenium							
Type of Blank : Method Blank							
10/05/94	BLK944282	EMJA6141005100004	0.310	(J)	5.84	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	3.26	(J)	5.84	mg/kg	1
Total Number of Blanks = 2			Concentration Range: 0.310 - 3.26				
Total Number above Detection Limit = 0			Maximum Detection Limit = 5.84				
Method : SW6010 - Metals							
Analyte : Silver							
Type of Blank : Method Blank							
10/05/94	BLK944282	EMJA6141005100004	-0.605	(J)	0.443	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	-0.403	(J)	0.443	mg/kg	1
Total Number of Blanks = 2			Concentration Range: -0.605 - -0.403				
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.443				

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - Metals						
Analyte : Sodium						
Type of Blank : Method Blank						
10/05/94	BLK944282	EMJA6141005100004	8.44	3.05	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	4.22	3.05	mg/kg	1
Total Number of Blanks = 2			Concentration Range:	4.22 - 8.44		
Total Number above Detection Limit = 2			Maximum Detection Limit =	3.05		
Method : SW6010 - Metals						
Analyte : Thallium						
Type of Blank : Method Blank						
10/05/94	BLK944282	EMJA6141005100004	-1.30 (J)	6.15	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	-1.30 (J)	6.15	mg/kg	1
Total Number of Blanks = 2			Concentration Range:	-1.30 - -1.30		
Total Number above Detection Limit = 0			Maximum Detection Limit =	6.15		
Method : SW6010 - Metals						
Analyte : Vanadium						
Type of Blank : Method Blank						
10/05/94	BLK944282	EMJA6141005100004	0.142 (J)	0.292	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	0.0370 (J)	0.292	mg/kg	1
Total Number of Blanks = 2			Concentration Range:	0.0370 - 0.142		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.292		
Method : SW6010 - Metals						
Analyte : Zinc						
Type of Blank : Method Blank						
10/05/94	BLK944282	EMJA6141005100004	0.528	0.347	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	0.274 (J)	0.347	mg/kg	1
Total Number of Blanks = 2			Concentration Range:	0.274 - 0.528		
Total Number above Detection Limit = 1			Maximum Detection Limit =	0.347		

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : 4,4'-DDD						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	0.305	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	0.305	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	0.305	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	0.305	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	0.305	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.305	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : 4,4'-DDE						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	0.351	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	0.351	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	0.351	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	0.351	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	0.351	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.351	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : 4,4'-DDT						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	0.374	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	0.374	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	0.374	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	0.374	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	0.374	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.374	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Aldrin						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	0.419	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	0.419	ug/kg	1

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Aldrin						
Type of Blank : Method Blank, cont.						
10/23/94	BLK944378	CHGC6A41023120001	ND	0.419	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	0.419	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	0.419	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.419	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Chlordane						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	2.03	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	2.03	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	2.03	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	2.03	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	2.03	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.03	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Dieldrin						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	0.286	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	0.286	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	0.286	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	0.286	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	0.286	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.286	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan I						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	0.219	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	0.219	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	0.219	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	0.219	ug/kg	1

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan I						
Type of Blank : Method Blank, cont.						
10/29/94	BLK944377	CHGC6A41029120001	ND	0.219	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.219	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan II						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	0.384	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	0.384	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	0.384	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	0.384	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	0.384	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.384	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endosulfan Sulfate						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	0.507	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	0.507	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	0.507	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	0.507	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	0.507	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.507	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endrin						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	0.773	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	0.773	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	0.382 (J)	0.773	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	0.825	0.773	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	0.149 (J)	0.773	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		0.149 - 0.825	
Total Number above Detection Limit = 1			Maximum Detection Limit =		0.773	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Endrin Aldehyde						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	0.638	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	0.638	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	0.638	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	0.638	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	0.638	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.638	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Heptachlor						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	0.553	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	0.553	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	0.553	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	0.553	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	0.553	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.553	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Heptachlor epoxide						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	0.954	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	0.954	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	0.954	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	0.954	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	0.954	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.954	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Methoxychlor						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	4.03	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	4.03	ug/kg	1

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Methoxychlor						
Type of Blank : Method Blank, cont.						
10/23/94	BLK944378	CHGC6A41023120001	ND	4.03	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	4.03	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	4.03	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		4.03	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1016						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	3.27	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	3.27	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	3.27	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	3.27	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	3.27	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		3.27	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1221						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	2.94	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	2.94	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	2.94	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	2.94	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	2.94	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.94	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1232						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	7.43	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	7.43	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	7.43	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	7.43	ug/kg	1

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1232						
Type of Blank : Method Blank, cont.						
10/29/94	BLK944377	CHGC6A41029120001	ND	7.43	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		7.43	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1242						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	2.72	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	2.72	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	2.72	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	2.72	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	2.72	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.72	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1248						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	3.22	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	3.22	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	3.22	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	3.22	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	3.22	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		3.22	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1254						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	1.29	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	1.29	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	1.29	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	1.29	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	1.29	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.29	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : PCB-1260						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	3.58	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	3.58	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	3.58	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	3.58	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	3.58	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		3.58	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : Toxaphene						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	5.75	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	5.75	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	5.75	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	5.75	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	5.75	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		5.75	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : alpha-BHC						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	0.292	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	0.292	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	0.292	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	0.292	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	0.292	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.292	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : beta-BHC						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	0.413	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	0.413	ug/kg	1

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : beta-BHC						
Type of Blank : Method Blank, cont.						
10/23/94	BLK944378	CHGC6A41023120001	ND	0.413	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	0.413	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	0.413	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.413	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : delta-BHC						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	0.238	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	0.238	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	0.238	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	0.238	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	0.238	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.238	
Method : SW8080 - Organochlorine Pesticides and PCBs						
Analyte : gamma-BHC						
Type of Blank : Method Blank						
10/12/94	BLK944272 B	CHGC6A41012120001	ND	0.182	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	0.182	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	0.182	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	0.182	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	0.182	ug/kg	1
Total Number of Blanks = 5			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.182	
Method : SW8240 - Volatile Organics						
Analyte : 1,1,1-Trichloroethane						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.58	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.58	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : 1,1,1-Trichloroethane						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.58	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.58	
Method : SW8240 - Volatile Organics						
Analyte : 1,1,1-Trichloroethane						
Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.58	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.58	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.58	
Method : SW8240 - Volatile Organics						
Analyte : 1,1,2,2-Tetrachloroethane						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	4.29	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		4.29	
Method : SW8240 - Volatile Organics						
Analyte : 1,1,2,2-Tetrachloroethane						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	4.29	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		4.29	
Method : SW8240 - Volatile Organics						
Analyte : 1,1,2,2-Tetrachloroethane						
Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	ND	4.29	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	ND	4.29	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		4.29	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : 1,1,2-Trichloroethane						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.29	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.29	
Method : SW8240 - Volatile Organics						
Analyte : 1,1,2-Trichloroethane						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.29	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.29	
Method : SW8240 - Volatile Organics						
Analyte : 1,1,2-Trichloroethane						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.29	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.29	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.29	
Method : SW8240 - Volatile Organics						
Analyte : 1,1-Dichloroethane						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.45	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.45	
Method : SW8240 - Volatile Organics						
Analyte : 1,1-Dichloroethane						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.45	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.45	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : 1,1-Dichloroethane						
Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.45	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.45	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.45	
Method : SW8240 - Volatile Organics						
Analyte : 1,1-Dichloroethene						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	2.17	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.17	
Method : SW8240 - Volatile Organics						
Analyte : 1,1-Dichloroethene						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	2.17	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.17	
Method : SW8240 - Volatile Organics						
Analyte : 1,1-Dichloroethene						
Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	ND	2.17	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	ND	2.17	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.17	
Method : SW8240 - Volatile Organics						
Analyte : 1,2-Dichloroethane						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.47	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.47	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : 1,2-Dichloroethane						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.47	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.47	
Method : SW8240 - Volatile Organics						
Analyte : 1,2-Dichloroethane						
Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.47	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.47	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.47	
Method : SW8240 - Volatile Organics						
Analyte : 1,2-Dichloropropane						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	2.22	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.22	
Method : SW8240 - Volatile Organics						
Analyte : 1,2-Dichloropropane						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	2.22	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.22	
Method : SW8240 - Volatile Organics						
Analyte : 1,2-Dichloropropane						
Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	ND	2.22	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	ND	2.22	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.22	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : 2-Chloroethyl vinyl ether						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	2.42	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.42	
Method : SW8240 - Volatile Organics						
Analyte : 2-Chloroethyl vinyl ether						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	2.42	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.42	
Method : SW8240 - Volatile Organics						
Analyte : 2-Chloroethyl vinyl ether						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	2.42	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	2.42	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.42	
Method : SW8240 - Volatile Organics						
Analyte : 2-Hexanone						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	0.811	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.811	
Method : SW8240 - Volatile Organics						
Analyte : 2-Hexanone						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	0.811	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.811	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : 2-Hexanone						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	0.811	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	0.811	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.811	
Method : SW8240 - Volatile Organics						
Analyte : 4-Methyl-2-Pentanone(MIBK)						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	0.774	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.774	
Method : SW8240 - Volatile Organics						
Analyte : 4-Methyl-2-Pentanone(MIBK)						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	0.774	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.774	
Method : SW8240 - Volatile Organics						
Analyte : 4-Methyl-2-Pentanone(MIBK)						
Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	ND	0.774	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	ND	0.774	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.774	
Method : SW8240 - Volatile Organics						
Analyte : Acetone						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	13.1	1.27	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		13.1 - 13.1	
Total Number above Detection Limit = 1			Maximum Detection Limit =		1.27	

Compiled: 21 March 1995 ND = Not Detected NC = Not Calculable NA = Not Applicable

* - Value considered suspect, refer to QC report

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Acetone						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	7.85	1.27	ug/kg	1
Total Number of Blanks = 1			Concentration Range:	7.85 - 7.85		
Total Number above Detection Limit = 1			Maximum Detection Limit =	1.27		
Method : SW8240 - Volatile Organics						
Analyte : Acetone						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	27.1	1.27	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	27.0	1.27	ug/kg	1
Total Number of Blanks = 2			Concentration Range:	27.0 - 27.1		
Total Number above Detection Limit = 2			Maximum Detection Limit =	1.27		
Method : SW8240 - Volatile Organics						
Analyte : Benzene						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.46	ug/kg	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	1.46		
Method : SW8240 - Volatile Organics						
Analyte : Benzene						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.46	ug/kg	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	1.46		
Method : SW8240 - Volatile Organics						
Analyte : Benzene						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.46	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.46	ug/kg	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	1.46		

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Bromodichloromethane						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.38	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.38	
Method : SW8240 - Volatile Organics						
Analyte : Bromodichloromethane						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.38	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.38	
Method : SW8240 - Volatile Organics						
Analyte : Bromodichloromethane						
Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.38	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.38	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.38	
Method : SW8240 - Volatile Organics						
Analyte : Bromomethane						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.70	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.70	
Method : SW8240 - Volatile Organics						
Analyte : Bromomethane						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.70	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.70	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Bromomethane						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.70	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.70	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.70	
Method : SW8240 - Volatile Organics						
Analyte : Carbon disulfide						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	2.19	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.19	
Method : SW8240 - Volatile Organics						
Analyte : Carbon disulfide						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	2.19	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.19	
Method : SW8240 - Volatile Organics						
Analyte : Carbon disulfide						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	2.19	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	2.19	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.19	
Method : SW8240 - Volatile Organics						
Analyte : Carbon tetrachloride						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.69	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.69	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Carbon tetrachloride						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.69	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.69	
Method : SW8240 - Volatile Organics						
Analyte : Carbon tetrachloride						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.69	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.69	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.69	
Method : SW8240 - Volatile Organics						
Analyte : Chlorobenzene						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	3.93	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		3.93	
Method : SW8240 - Volatile Organics						
Analyte : Chlorobenzene						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	3.93	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		3.93	
Method : SW8240 - Volatile Organics						
Analyte : Chlorobenzene						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	3.93	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	3.93	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		3.93	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Chloroethane						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.73	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.73	
Method : SW8240 - Volatile Organics						
Analyte : Chloroethane						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.73	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.73	
Method : SW8240 - Volatile Organics						
Analyte : Chloroethane						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.73	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.73	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.73	
Method : SW8240 - Volatile Organics						
Analyte : Chloroform						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.77	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.77	
Method : SW8240 - Volatile Organics						
Analyte : Chloroform						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.77	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.77	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Chloroform						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.77	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.77	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.77	
Method : SW8240 - Volatile Organics						
Analyte : Chloromethane						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	2.06	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.06	
Method : SW8240 - Volatile Organics						
Analyte : Chloromethane						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	2.06	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.06	
Method : SW8240 - Volatile Organics						
Analyte : Chloromethane						
Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	ND	2.06	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	ND	2.06	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.06	
Method : SW8240 - Volatile Organics						
Analyte : Dibromochloromethane						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.55	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.55	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Dibromochloromethane						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.55	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.55	
Method : SW8240 - Volatile Organics						
Analyte : Dibromochloromethane						
Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.55	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.55	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.55	
Method : SW8240 - Volatile Organics						
Analyte : Ethyl benzene						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.40	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.40	
Method : SW8240 - Volatile Organics						
Analyte : Ethyl benzene						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.40	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.40	
Method : SW8240 - Volatile Organics						
Analyte : Ethyl benzene						
Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.40	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.40	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.40	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Methyl ethyl ketone						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.29	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.29	
Method : SW8240 - Volatile Organics						
Analyte : Methyl ethyl ketone						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.29	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.29	
Method : SW8240 - Volatile Organics						
Analyte : Methyl ethyl ketone						
Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	3.36	1.29	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	2.97	1.29	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		2.97 - 3.36	
Total Number above Detection Limit = 2			Maximum Detection Limit =		1.29	
Method : SW8240 - Volatile Organics						
Analyte : Methylene Chloride						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	1.89 (J)	2.21	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		1.89 - 1.89	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.21	
Method : SW8240 - Volatile Organics						
Analyte : Methylene Chloride						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	1.50 (J)	2.21	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		1.50 - 1.50	
Total Number above Detection Limit = 0			Maximum Detection Limit =		2.21	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Methylene Chloride						
Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	0.990 (J)	2.21	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	ND	2.21	ug/kg	1
Total Number of Blanks = 2			Concentration Range:	0.990 - 0.990		
Total Number above Detection Limit = 0			Maximum Detection Limit =	2.21		
Method : SW8240 - Volatile Organics						
Analyte : Styrene						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.37	ug/kg	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	1.37		
Method : SW8240 - Volatile Organics						
Analyte : Styrene						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.37	ug/kg	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	1.37		
Method : SW8240 - Volatile Organics						
Analyte : Styrene						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.37	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.37	ug/kg	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	1.37		
Method : SW8240 - Volatile Organics						
Analyte : Tetrachloroethene						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	4.02	ug/kg	1
Total Number of Blanks = 1			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	4.02		

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Tetrachloroethene						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	4.02	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		4.02	
Method : SW8240 - Volatile Organics						
Analyte : Tetrachloroethene						
Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	ND	4.02	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	ND	4.02	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		4.02	
Method : SW8240 - Volatile Organics						
Analyte : Toluene						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.44	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.44	
Method : SW8240 - Volatile Organics						
Analyte : Toluene						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.44	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.44	
Method : SW8240 - Volatile Organics						
Analyte : Toluene						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.44	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.44	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.44	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics Analyte : Tribromomethane(Bromoform) Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.28	ug/kg	1
Total Number of Blanks = 1 Total Number above Detection Limit = 0			Concentration Range: Maximum Detection Limit =		NC 1.28	
Method : SW8240 - Volatile Organics Analyte : Tribromomethane(Bromoform) Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.28	ug/kg	1
Total Number of Blanks = 1 Total Number above Detection Limit = 0			Concentration Range: Maximum Detection Limit =		NC 1.28	
Method : SW8240 - Volatile Organics Analyte : Tribromomethane(Bromoform) Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.28	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.28	ug/kg	1
Total Number of Blanks = 2 Total Number above Detection Limit = 0			Concentration Range: Maximum Detection Limit =		NC 1.28	
Method : SW8240 - Volatile Organics Analyte : Trichloroethene Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	4.11	ug/kg	1
Total Number of Blanks = 1 Total Number above Detection Limit = 0			Concentration Range: Maximum Detection Limit =		NC 4.11	
Method : SW8240 - Volatile Organics Analyte : Trichloroethene Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	4.11	ug/kg	1
Total Number of Blanks = 1 Total Number above Detection Limit = 0			Concentration Range: Maximum Detection Limit =		NC 4.11	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Trichloroethene						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	4.11	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	4.11	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		4.11	
Method : SW8240 - Volatile Organics						
Analyte : Vinyl Chloride						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.75	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.75	
Method : SW8240 - Volatile Organics						
Analyte : Vinyl Chloride						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.75	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.75	
Method : SW8240 - Volatile Organics						
Analyte : Vinyl Chloride						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.75	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.75	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.75	
Method : SW8240 - Volatile Organics						
Analyte : Vinyl acetate						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	9.27	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		9.27	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : Vinyl acetate						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	9.27	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		9.27	
Method : SW8240 - Volatile Organics						
Analyte : Vinyl acetate						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	9.27	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	9.27	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		9.27	
Method : SW8240 - Volatile Organics						
Analyte : Xylene (total)						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	3.08	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		3.08	
Method : SW8240 - Volatile Organics						
Analyte : Xylene (total)						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	3.08	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		3.08	
Method : SW8240 - Volatile Organics						
Analyte : Xylene (total)						
Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	3.08	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	3.08	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		3.08	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics						
Analyte : cis-1,2-Dichloroethene						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.60	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.60	
Method : SW8240 - Volatile Organics						
Analyte : cis-1,2-Dichloroethene						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.60	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.60	
Method : SW8240 - Volatile Organics						
Analyte : cis-1,2-Dichloroethene						
Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.60	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.60	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.60	
Method : SW8240 - Volatile Organics						
Analyte : cis-1,3-Dichloropropene						
Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.36	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.36	
Method : SW8240 - Volatile Organics						
Analyte : cis-1,3-Dichloropropene						
Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.36	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.36	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics Analyte : cis-1,3-Dichloropropene Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.36	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.36	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.36	
Method : SW8240 - Volatile Organics Analyte : trans-1,2-Dichloroethene Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.97	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.97	
Method : SW8240 - Volatile Organics Analyte : trans-1,2-Dichloroethene Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.97	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.97	
Method : SW8240 - Volatile Organics Analyte : trans-1,2-Dichloroethene Type of Blank : Trip Blank						
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.97	ug/kg	1
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.97	ug/kg	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.97	
Method : SW8240 - Volatile Organics Analyte : trans-1,3-Dichloropropene Type of Blank : Equipment Blank						
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	ND	1.47	ug/kg	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		1.47	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8240 - Volatile Organics Analyte : trans-1,3-Dichloropropene Type of Blank : Method Blank						
10/03/94	BLK944177	MSMSDB41003194901	ND	1.47	ug/kg	1
Total Number of Blanks = 1 Total Number above Detection Limit = 0			Concentration Range: Maximum Detection Limit =		NC 1.47	
Method : SW8240 - Volatile Organics Analyte : trans-1,3-Dichloropropene Type of Blank : Trip Blank						
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.47	ug/kg	1
10/04/94	G94-TB-09	MSMSDB41003194901	ND	1.47	ug/kg	1
Total Number of Blanks = 2 Total Number above Detection Limit = 0			Concentration Range: Maximum Detection Limit =		NC 1.47	
Method : SW8270 - Semivolatile Organics Analyte : 1,2,4-Trichlorobenzene Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.00640	ug/g	1
Total Number of Blanks = 1 Total Number above Detection Limit = 0			Concentration Range: Maximum Detection Limit =		NC 0.00640	
Method : SW8270 - Semivolatile Organics Analyte : 1,2-Dichlorobenzene Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0214	ug/g	1
Total Number of Blanks = 1 Total Number above Detection Limit = 0			Concentration Range: Maximum Detection Limit =		NC 0.0214	
Method : SW8270 - Semivolatile Organics Analyte : 1,3-Dichlorobenzene Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0237	ug/g	1
Total Number of Blanks = 1 Total Number above Detection Limit = 0			Concentration Range: Maximum Detection Limit =		NC 0.0237	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 1,4-Dichlorobenzene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0236	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0236	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4,5-Trichlorophenol						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0195	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0195	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4,6-Trichlorophenol						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0162	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0162	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dichlorophenol						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0194	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0194	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dimethylphenol						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0423	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0423	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dinitrophenol						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0863	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0863	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,4-Dinitrotoluene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0256	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0256	
Method : SW8270 - Semivolatile Organics						
Analyte : 2,6-Dinitrotoluene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0350	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0350	
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Chloronaphthalene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0300	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0300	
Method : SW8270 - Semivolatile Organics						
Analyte : 2-Chlorophenol						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0109	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0109	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics Analyte : 2-Methylnaphthalene Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0202	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0202	
Method : SW8270 - Semivolatile Organics Analyte : 2-Methylphenol Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0263	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0263	
Method : SW8270 - Semivolatile Organics Analyte : 2-Nitroaniline Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0266	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0266	
Method : SW8270 - Semivolatile Organics Analyte : 2-Nitrophenol Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0142	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0142	
Method : SW8270 - Semivolatile Organics Analyte : 3,3'-Dichlorobenzidine Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0363	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0363	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 3-Nitroaniline						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0107	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0107	
Method : SW8270 - Semivolatile Organics						
Analyte : 4,6-Dinitro-2-methylphenol						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0244	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0244	
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Bromophenyl phenyl ether						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0203	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0203	
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Chloro-3-methylphenol						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0153	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0153	
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Chlorophenyl phenyl ether						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0244	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0244	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Methylphenol/3-Methylphenol						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0413	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0413	
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Nitroaniline						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0200	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0200	
Method : SW8270 - Semivolatile Organics						
Analyte : 4-Nitrophenol						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0210	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0210	
Method : SW8270 - Semivolatile Organics						
Analyte : Acenaphthene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0161	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0161	
Method : SW8270 - Semivolatile Organics						
Analyte : Acenaphthylene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0219	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0219	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Anthracene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0180	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0180	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(a)anthracene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0116	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0116	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(a)pyrene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0180	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0180	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(b)fluoranthene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0320	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0320	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(g,h,i)perylene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0185	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0185	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Benzo(k)fluoranthene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0273	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0273	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzoic acid						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0997	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0997	
Method : SW8270 - Semivolatile Organics						
Analyte : Benzyl alcohol						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0480	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0480	
Method : SW8270 - Semivolatile Organics						
Analyte : Butylbenzylphthalate						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0250	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0250	
Method : SW8270 - Semivolatile Organics						
Analyte : Chrysene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0195	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0195	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Di-n-octylphthalate						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0194	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0194	
Method : SW8270 - Semivolatile Organics						
Analyte : Dibenz(a,h)anthracene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0228	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0228	
Method : SW8270 - Semivolatile Organics						
Analyte : Dibenzofuran						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0130	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0130	
Method : SW8270 - Semivolatile Organics						
Analyte : Dibutylphthalate						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0103	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0103	
Method : SW8270 - Semivolatile Organics						
Analyte : Diethylphthalate						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0123	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0123	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Dimethylphthalate						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0157	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0157	
Method : SW8270 - Semivolatile Organics						
Analyte : Diphenylamine						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0255	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0255	
Method : SW8270 - Semivolatile Organics						
Analyte : Fluoranthene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0142	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0142	
Method : SW8270 - Semivolatile Organics						
Analyte : Fluorene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0115	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0115	
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorobenzene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0176	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0176	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorobutadiene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0219	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0219	
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachlorocyclopentadiene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0547	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0547	
Method : SW8270 - Semivolatile Organics						
Analyte : Hexachloroethane						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0333	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0333	
Method : SW8270 - Semivolatile Organics						
Analyte : Indeno(1,2,3-cd)pyrene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0160	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0160	
Method : SW8270 - Semivolatile Organics						
Analyte : Isophorone						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0101	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0101	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : N-Nitroso-di-n-propylamine						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0262	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0262	
Method : SW8270 - Semivolatile Organics						
Analyte : Naphthalene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0223	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0223	
Method : SW8270 - Semivolatile Organics						
Analyte : Nitrobenzene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0130	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0130	
Method : SW8270 - Semivolatile Organics						
Analyte : Pentachlorophenol						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.00640	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.00640	
Method : SW8270 - Semivolatile Organics						
Analyte : Phenanthrene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0185	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0185	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : Phenol						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0337	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0337	
Method : SW8270 - Semivolatile Organics						
Analyte : Pyrene						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0154	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0154	
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroethoxy)methane						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0111	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0111	
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroethyl)ether						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0155	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0155	
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Chloroisopropyl)ether						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0190	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0190	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8270 - Semivolatile Organics						
Analyte : bis(2-Ethylhexyl)phthalate						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0547	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0547	
Method : SW8270 - Semivolatile Organics						
Analyte : p-Chloroaniline						
Type of Blank : Method Blank						
10/04/94	BLK944291	MSMSD141004080401	ND	0.0327	ug/g	1
Total Number of Blanks = 1			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0327	
Method : SW8280 - Dioxins and Furans						
Analyte : 2,3,7,8-TCDD						
Type of Blank : Method Blank						
10/29/94	BLK944271	MS597141029113401	ND	0.140	ng/g	1
10/31/94	BLK944485	MS597141031141101	ND	0.0914	ng/g	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.140	
Method : SW8280 - Dioxins and Furans						
Analyte : HpCDD Totals						
Type of Blank : Method Blank						
10/29/94	BLK944271	MS597141029113401	ND	0.275	ng/g	1
10/31/94	BLK944485	MS597141031141101	ND	0.0971	ng/g	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.275	
Method : SW8280 - Dioxins and Furans						
Analyte : HpCDF Totals						
Type of Blank : Method Blank						
10/29/94	BLK944271	MS597141029113401	ND	0.163	ng/g	1
10/31/94	BLK944485	MS597141031141101	ND	0.0712	ng/g	1
Total Number of Blanks = 2			Concentration Range:		NC	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8280 - Dioxins and Furans						
Analyte : HpCDF Totals						
Type of Blank : Method Blank, cont.						
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.163		
Method : SW8280 - Dioxins and Furans						
Analyte : HxCDD Totals						
Type of Blank : Method Blank						
10/29/94	BLK944271	MS597141029113401	ND	0.159	ng/g	1
10/31/94	BLK944485	MS597141031141101	ND	0.0710	ng/g	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.159		
Method : SW8280 - Dioxins and Furans						
Analyte : HxCDF Totals						
Type of Blank : Method Blank						
10/29/94	BLK944271	MS597141029113401	ND	0.103	ng/g	1
10/31/94	BLK944485	MS597141031141101	ND	0.0486	ng/g	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.103		
Method : SW8280 - Dioxins and Furans						
Analyte : OCDD						
Type of Blank : Method Blank						
10/29/94	BLK944271	MS597141029113401	ND	0.850	ng/g	1
10/31/94	BLK944485	MS597141031141101	ND	0.195	ng/g	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.850		
Method : SW8280 - Dioxins and Furans						
Analyte : OCDF						
Type of Blank : Method Blank						
10/29/94	BLK944271	MS597141029113401	ND	0.432	ng/g	1
10/31/94	BLK944485	MS597141031141101	ND	0.114	ng/g	1
Total Number of Blanks = 2			Concentration Range:	NC		
Total Number above Detection Limit = 0			Maximum Detection Limit =	0.432		

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Method : SW8280 - Dioxins and Furans						
Analyte : PeCDD Totals						
Type of Blank : Method Blank						
10/29/94	BLK944271	MS597141029113401	ND	0.140	ng/g	1
10/31/94	BLK944485	MS597141031141101	ND	0.0782	ng/g	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.140	
Method : SW8280 - Dioxins and Furans						
Analyte : PeCDF Totals						
Type of Blank : Method Blank						
10/29/94	BLK944271	MS597141029113401	ND	0.0860	ng/g	1
10/31/94	BLK944485	MS597141031141101	ND	0.0571	ng/g	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.0860	
Method : SW8280 - Dioxins and Furans						
Analyte : TCDD Totals						
Type of Blank : Method Blank						
10/29/94	BLK944271	MS597141029113401	ND	0.140	ng/g	1
10/31/94	BLK944485	MS597141031141101	ND	0.0914	ng/g	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.140	
Method : SW8280 - Dioxins and Furans						
Analyte : TCDF Totals						
Type of Blank : Method Blank						
10/29/94	BLK944271	MS597141029113401	ND	0.117	ng/g	1
10/31/94	BLK944485	MS597141031141101	ND	0.0705	ng/g	1
Total Number of Blanks = 2			Concentration Range:		NC	
Total Number above Detection Limit = 0			Maximum Detection Limit =		0.117	

ATTACHMENT C - APPENDIX B

Table A-2.1

Detailed Listing of Liquid Spike Results - 1994 Water Samples

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Gasoline Range Organics							
Type of Spike : Laboratory Control							
09/15/94	Lab Control Duplicate	58677A01	NA	600	576	%	96.0
09/15/94	Lab Control Sample	58677A01	NA	600	696	%	116
09/17/94	Lab Control Duplicate	58683A01	NA	600	600	%	100
09/17/94	Lab Control Sample	58683A01	NA	600	588	%	98.0
09/16/94	Lab Control Duplicate	58684A01	NA	600	600	%	100
09/16/94	Lab Control Sample	58684A01	NA	600	588	%	98.0
09/19/94	Lab Control Duplicate	58700A01	NA	600	666	%	111
09/19/94	Lab Control Sample	58700A01	NA	600	588	%	98.0
09/21/94	Lab Control Duplicate	58710A01	NA	600	666	%	111
09/21/94	Lab Control Sample	58710A01	NA	600	588	%	98.0
09/21/94	Lab Control Duplicate	58711A01	NA	600	666	%	111
09/21/94	Lab Control Sample	58711A01	NA	600	588	%	98.0
09/27/94	Lab Control Duplicate	58738A01	NA	600	486	%	81.0
09/27/94	Lab Control Sample	58738A01	NA	600	522	%	87.0

Number of Samples	: 14	Below acceptance :	0
Mean % Recovery	: 100	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	75-125

Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Gasoline Range Organics							
Type of Spike : Matrix Spike							
09/15/94	G94-06-MW-03	58677A01	7.00	600	696	%	116
09/15/94	G94-06-MW-03	58677A01	7.00	600	654	%	109
09/16/94	G94-06-MW-02	58684A01	38.0	600	618	%	103
09/16/94	G94-06-MW-02	58684A01	38.0	600	648	%	108
09/19/94	G94-01-MW-05	58700A01	15.0	600	515	%	103
09/19/94	G94-01-MW-05	58700A01	15.0	600	495	%	99.0
09/27/94	G94-13-MW-37	58738A01	9.00	600	540	%	90.0
09/27/94	G94-13-MW-37	58738A01	9.00	600	510	%	85.0

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 102	Above acceptance :	0
Standard Deviation	: 10.2	Acceptance Criteria	60-120

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Ambient Blank							
09/15/94	G94-AB-01	58677A01	NA	25.0	25.0	ug/L	101
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 101			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 60-120				
Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Field Duplicate							
09/15/94	G94-06-MW-03-FD	58677A01	NA	25.0	24.0	ug/L	95.0
09/17/94	G94-09-MW-05-FD	58683A01	NA	25.0	110	ug/L	110
09/19/94	G94-01-MW-01-FD	58700A01	NA	25.0	0.00 (F)	ug/L	DO
09/26/94	G94-05-MW-02-FD	58738A01	NA	25.0	24.0	ug/L	98.0
09/27/94	G94-13-MW-37-FD	58738A01	NA	25.0	22.0	ug/L	8[redacted]
Number of Samples : 5			Below acceptance : 0				
Mean % Recovery : 97.8			Above acceptance : 0				
Standard Deviation : 9.18			Acceptance Criteria 60-120				
Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Laboratory Control							
09/15/94	Lab Control Duplicate	58677A01	NA	25.0	25.0	%	100
09/15/94	Lab Control Sample	58677A01	NA	25.0	25.0	%	101
09/17/94	Lab Control Duplicate	58683A01	NA	25.0	23.0	%	91.0
09/17/94	Lab Control Sample	58683A01	NA	25.0	23.0	%	92.0
09/16/94	Lab Control Duplicate	58684A01	NA	25.0	29.0	%	116
09/16/94	Lab Control Sample	58684A01	NA	25.0	30.0	%	119
09/19/94	Lab Control Duplicate	58700A01	NA	25.0	NR	%	NR
09/19/94	Lab Control Sample	58700A01	NA	25.0	NR	%	NR
09/21/94	Lab Control Duplicate	58710A01	NA	25.0	25.0	%	100

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Laboratory Control, cont.							
09/21/94	Lab Control Sample	58710A01	NA	25.0	24.0	%	98.0
09/21/94	Lab Control Duplicate	58711A01	NA	25.0	25.0	%	100
09/21/94	Lab Control Sample	58711A01	NA	25.0	24.0	%	98.0
09/27/94	Lab Control Duplicate	58738A01	NA	25.0	24.0	%	95.0
09/27/94	Lab Control Sample	58738A01	NA	25.0	24.0	%	95.0
Number of Samples : 14			Below acceptance : 0				
Mean % Recovery : 100			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 60-120				
Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Matrix Spike							
09/15/94	G94-06-MW-03	58677A01	NA	25.0	25.0	%	100
09/15/94	G94-06-MW-03	58677A01	NA	25.0	25.0	%	101
09/16/94	G94-06-MW-02	58684A01	NA	25.0	29.0	%	116
09/16/94	G94-06-MW-02	58684A01	NA	25.0	30.0	%	119
09/19/94	G94-01-MW-05	58700A01	NA	25.0	0.00	%	DO
09/19/94	G94-01-MW-05	58700A01	NA	25.0	0.00	%	DO
09/27/94	G94-13-MW-37	58738A01	NA	25.0	24.0	%	95.0
09/27/94	G94-13-MW-37	58738A01	NA	25.0	24.0	%	95.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 104			Above acceptance : 0				
Standard Deviation : 10.5			Acceptance Criteria 60-120				
Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Method Blank							
09/15/94	METHOD BLANK	58677A01	NA	25.0	23.0	ug/L	92.0
09/17/94	METHOD BLANK	58683A01	NA	25.0	92.0	ug/L	92.0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Method Blank, cont.							
09/17/94	METHOD BLANK	58684A01	NA	25.0	23.0	ug/L	92.0
09/19/94	METHOD BLANK	58700A01	NA	25.0	28.0	ug/L	111
09/21/94	METHOD BLANK	58710A01	NA	25.0	24.0	ug/L	95.0
09/21/94	METHOD BLANK	58711A01	NA	25.0	24.0	ug/L	97.0
09/27/94	METHOD BLANK	58738A01	NA	25.0	24.0	ug/L	96.0

Number of Samples	: 7	Below acceptance :	0
Mean % Recovery	: 96.4	Above acceptance :	0
Standard Deviation	: 6.75	Acceptance Criteria	60-120

Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Normal Sample							
09/15/94	G94-02-GW-01	58677A01	NA	25.0	25.0	ug/L	1
09/15/94	G94-02-GW-03	58677A01	NA	25.0	25.0	ug/L	99.[illegible]
09/15/94	G94-02-GW-04	58677A01	NA	25.0	25.0	ug/L	101
09/15/94	G94-06-MW-03	58677A01	NA	25.0	26.0	ug/L	103
09/15/94	G94-09-MW-04	58677A01	NA	25.0	25.0	ug/L	100
09/17/94	G94-09-MW-01	58683A01	NA	25.0	(F)	ug/L	DO
09/17/94	G94-09-MW-02	58683A01	NA	25.0	112	ug/L	112
09/17/94	G94-09-MW-03	58683A01	NA	25.0	95.0	ug/L	95.0
09/17/94	G94-09-MW-05	58683A01	NA	25.0	114	ug/L	114
09/17/94	G94-09-MW-06	58683A01	NA	25.0	(F)	ug/L	DO
09/17/94	G94-09-MW-15	58683A01	NA	25.0	93.0	ug/L	93.0
09/17/94	G94-05-MW-06	58684A01	NA	25.0	24.0	ug/L	95.0
09/17/94	G94-06-MW-02	58684A01	NA	25.0	31.0	ug/L	124
09/17/94	G94-06-MW-05	58684A01	NA	25.0	0.00 (F)	ug/L	DO
09/17/94	G94-10-MW-03	58684A01	NA	25.0	0.00 (F)	ug/L	DO
09/20/94	G94-06-MW-06	58684A01	NA	25.0	23.0	ug/L	93.0
09/19/94	G94-01-MW-01	58700A01	NA	25.0	0.00 (F)	ug/L	DO
09/19/94	G94-01-MW-02	58700A01	NA	25.0	28.0	ug/L	110
09/19/94	G94-01-MW-05	58700A01	NA	25.0	27.0	ug/L	109
09/19/94	G94-05-MW-13	58700A01	NA	25.0	25.0	ug/L	101
09/21/94	G94-01-MW-06	58710A01	NA	25.0	29.0	ug/L	106
09/21/94	G94-06-MW-01	58710A01	NA	25.0	6600 (F)	ug/L	DO

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Normal Sample, cont.							
09/21/94	G94-06-MW-07	58710A01	NA	25.0	24.0	ug/L	96.0
09/21/94	G94-10-MW-01	58710A01	NA	25.0	24.0	ug/L	98.0
09/22/94	G94-01-MW-07	58710A01	NA	25.0	24.0	ug/L	97.0
09/21/94	G94-01-MW-08	58711A01	NA	25.0	27.0	ug/L	107
09/21/94	G94-06-MW-04	58711A01	NA	25.0	28.0	ug/L	110
09/21/94	G94-09-MW-12	58711A01	NA	25.0	36.0	mg/L	142
09/22/94	G94-09-MW-08	58711A01	NA	25.0	22.0	ug/L	90.0
09/26/94	G94-05-MW-02	58738A01	NA	25.0	26.0	ug/L	102
09/27/94	G94-05-MW-14	58738A01	NA	25.0	28.0	ug/L	111
09/27/94	G94-05-MW-15	58738A01	NA	25.0	23.0	ug/L	93.0
09/27/94	G94-13-MW-37	58738A01	NA	25.0	24.0	ug/L	96.0
09/27/94	G94-13-MW-38	58738A01	NA	25.0	25.0	ug/L	101
09/28/94	G94-05-MW-07	58738A01	NA	25.0	31.0	ug/L	125
09/29/94	G94-05-MW-03	58738A01	NA	25.0	28.0	ug/L	110
09/29/94	G94-05-MW-11	58738A01	NA	25.0	41.0 (F)	ug/L	163
09/30/94	G94-05-MW-04	58738A01	NA	25.0	32.0	ug/L	130
09/30/94	G94-05-MW-05	58738A01	NA	25.0	28.0	ug/L	111

Number of Samples	: 39	Below acceptance :	0
Mean % Recovery	: 107	Above acceptance :	5
Standard Deviation	: 15.3	Acceptance Criteria	60-120

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Trip Blank							
09/15/94	G94-TB-01	58677A01	NA	25.0	25.0	ug/L	99.0
09/17/94	G94-TB-02	58683A01	NA	25.0	95.0	ug/L	95.0
09/17/94	G94-TB-03	58684A01	NA	25.0	24.0	ug/L	97.0
09/19/94	G94-TB-04	58700A01	NA	25.0	28.0	ug/L	110
09/21/94	G94-TB-06	58710A01	NA	25.0	24.0	ug/L	98.0
09/22/94	G94-TB-05	58711A01	NA	25.0	24.0	ug/L	98.0
09/27/94	G94-TB-07	58738A01	NA	25.0	23.0	ug/L	93.0

Number of Samples	: 7	Below acceptance :	0
Mean % Recovery	: 98.6	Above acceptance :	0
Standard Deviation	: 5.44	Acceptance Criteria	60-120

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : AK102 - Diesel Range Organics							
Spiked Analyte : Diesel Range Organics							
Type of Spike : Laboratory Control							
09/16/94	Lab Control Duplicate	58677B01	NA	8.00	4.60	%	53.0
09/16/94	Lab Control Sample	58677B01	NA	8.00	4.30	%	52.0
09/18/94	Lab Control Duplicate	58683B01	NA	8.00	4.60	%	57.0
09/18/94	Lab Control Sample	58683B01	NA	8.00	4.30	%	54.0
09/16/94	Lab Control Duplicate	58684B01	NA	8.00	4.30	%	54.0
09/16/94	Lab Control Sample	58684B01	NA	8.00	4.60	%	57.0
09/21/94	Lab Control Duplicate	58700B01	NA	8.00	6.10	%	68.0
09/21/94	Lab Control Sample	58700B01	NA	8.00	5.50	%	66.0
09/21/94	Lab Control Duplicate	58710B01	NA	8.00	5.50	%	69.0
09/21/94	Lab Control Sample	58710B01	NA	8.00	6.10	%	76.0
09/22/94	Lab Control Duplicate	58711B01	NA	8.00	5.50	%	69.0
09/22/94	Lab Control Sample	58711B01	NA	8.00	6.10	%	76.0
09/30/94	Lab Control Duplicate	58738B01	NA	8.00	5.70	%	88.0
09/30/94	Lab Control Sample	58738B01	NA	8.00	7.10	%	122

Number of Samples : 14
Mean % Recovery : 68.6
Standard Deviation : NC
Below acceptance : 10
Above acceptance : 0
Acceptance Criteria 75-125

Method : AK102 - Diesel Range Organics
Spiked Analyte : Diesel Range Organics
Type of Spike : Matrix Spike

09/16/94	G94-06-MW-03	58677B01	58.0	8.00	4.30	%	53.0
09/16/94	G94-06-MW-03	58677B01	58.0	8.00	4.20	%	52.0
09/16/94	G94-06-MW-02	58684B01	0.00	8.00	5.40	%	68.0
09/16/94	G94-06-MW-02	58684B01	0.00	8.00	5.20	%	64.0
09/21/94	G94-01-MW-05	58700B01	0.00	8.00	5.50	%	68.0
09/21/94	G94-01-MW-05	58700B01	0.00	8.00	5.30	%	66.0
09/30/94	G94-13-MW-37	58738B01	34.0	8.00	7.00	%	88.0
09/30/94	G94-13-MW-37	58738B01	34.0	8.00	9.80	%	122

Number of Samples : 8
Mean % Recovery : 72.6
Standard Deviation : 22.8
Below acceptance : 2
Above acceptance : 1
Acceptance Criteria 60-120

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : AK102 - Diesel Range Organics							
Spiked Analyte : Tetracosane							
Type of Spike : Surrogate - Field Duplicate							
09/17/94	G94-06-MW-03-FD	58677B01	NA	25.0	15.0	ug/L	57.0
09/18/94	G94-09-MW-05-FD	58683B01	NA	25.0	20.0	ug/L	73.0
09/21/94	G94-01-MW-01-FD	58700B01	NA	25.0	19.0	ug/L	69.0
09/30/94	G94-05-MW-02-FD	58738B01	NA	25.0	21.0	ug/L	78.0
10/01/94	G94-13-MW-37-FD	58738B01	NA	25.0	24.0	ug/L	90.0
Number of Samples : 5			Below acceptance : 1				
Mean % Recovery : 73.4			Above acceptance : 0				
Standard Deviation : 12.1			Acceptance Criteria 60-120				
Method : AK102 - Diesel Range Organics							
Spiked Analyte : Tetracosane							
Type of Spike : Surrogate - Laboratory Control							
09/16/94	Lab Control Duplicate	58677B01	NA	27.0	18.0	%	68.0
09/16/94	Lab Control Sample	58677B01	NA	27.0	19.0	%	70.0
09/18/94	Lab Control Duplicate	58683B01	NA	27.0	18.0	%	68.0
09/18/94	Lab Control Sample	58683B01	NA	27.0	23.0	%	85.0
09/16/94	Lab Control Duplicate	58684B01	NA	27.0	20.0	%	74.0
09/16/94	Lab Control Sample	58684B01	NA	27.0	16.0	%	60.0
09/21/94	Lab Control Duplicate	58700B01	NA	27.0	26.0	%	96.0
09/21/94	Lab Control Sample	58700B01	NA	27.0	26.0	%	97.0
09/21/94	Lab Control Duplicate	58710B01	NA	27.0	25.0	%	93.0
09/21/94	Lab Control Sample	58710B01	NA	27.0	26.0	%	97.0
09/22/94	Lab Control Duplicate	58711B01	NA	27.0	25.0	%	93.0
09/22/94	Lab Control Sample	58711B01	NA	27.0	26.0	%	97.0
09/30/94	Lab Control Duplicate	58738B01	NA	27.0	32.0	%	117
09/30/94	Lab Control Sample	58738B01	NA	27.0	31.0	%	114
Number of Samples : 14			Below acceptance : 0				
Mean % Recovery : 87.8			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 60-120				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : AK102 - Diesel Range Organics							
Spiked Analyte : Tetracosane							
Type of Spike : Surrogate - Matrix Spike							
09/16/94	G94-06-MW-03	58677B01	NA	27.0	19.0	%	70.0
09/16/94	G94-06-MW-03	58677B01	NA	27.0	18.0	%	68.0
09/16/94	G94-06-MW-02	58684B01	NA	27.0	20.0	%	74.0
09/16/94	G94-06-MW-02	58684B01	NA	27.0	16.0	%	60.0
09/21/94	G94-01-MW-05	58700B01	NA	27.0	26.0	%	96.0
09/21/94	G94-01-MW-05	58700B01	NA	27.0	26.0	%	97.0
09/30/94	G94-13-MW-37	58738B01	NA	27.0	26.0	%	98.0
09/30/94	G94-13-MW-37	58738B01	NA	27.0	37.0	%	137
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 87.5			Above acceptance : 1				
Standard Deviation : 24.9			Acceptance Criteria 60-120				
Method : AK102 - Diesel Range Organics							
Spiked Analyte : Tetracosane							
Type of Spike : Surrogate - Method Blank							
09/16/94	METHOD BLANK	58677B01	NA	25.0	15.0	ug/L	56.0
09/18/94	METHOD BLANK	58683B01	NA	25.0	15.0	ug/L	56.0
09/20/94	METHOD BLANK	58684B01	NA	25.0	15.0	ug/L	56.0
09/21/94	METHOD BLANK	58700B01	NA	25.0	22.0	ug/L	83.0
09/21/94	METHOD BLANK	58710B01	NA	25.0	22.0	ug/L	83.0
09/22/94	METHOD BLANK	58711B01	NA	25.0	22.0	ug/L	83.0
09/30/94	METHOD BLANK	58738B01	NA	25.0	24.0	ug/L	89.0
Number of Samples : 7			Below acceptance : 3				
Mean % Recovery : 72.3			Above acceptance : 0				
Standard Deviation : 15.4			Acceptance Criteria 60-120				
Method : AK102 - Diesel Range Organics							
Spiked Analyte : Tetracosane							
Type of Spike : Surrogate - Normal Sample							

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

Method : AK102 - Diesel Range Organics
Spiked Analyte : Tetracosane
Type of Spike : Surrogate - Normal Sample, cont.

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
09/16/94	G94-06-MW-03	58677B01	NA	25.0	15.0	ug/L	54.0
09/17/94	G94-02-GW-01	58677B01	NA	25.0	28.0	ug/L	105
09/17/94	G94-02-GW-03	58677B01	NA	25.0	16.0	ug/L	58.0
09/17/94	G94-02-GW-04	58677B01	NA	25.0	17.0	ug/L	62.0
09/19/94	G94-09-MW-04	58677B01	NA	25.0	20.0	ug/L	74.0
09/17/94	G94-09-MW-03	58683B01	NA	25.0	22.0	ug/L	82.0
09/17/94	G94-09-MW-06	58683B01	NA	25.0	21.0	ug/L	79.0
09/18/94	G94-09-MW-01	58683B01	NA	25.0	28.0	ug/L	104
09/18/94	G94-09-MW-02	58683B01	NA	25.0	31.0	ug/L	115
09/18/94	G94-09-MW-05	58683B01	NA	25.0	25.0	ug/L	94.0
09/18/94	G94-09-MW-15	58683B01	NA	25.0	28.0	ug/L	104
09/20/94	G94-05-MW-06	58684B01	NA	25.0	18.0	ug/L	68.0
09/20/94	G94-06-MW-02	58684B01	NA	25.0	19.0	ug/L	71.0
09/20/94	G94-06-MW-05	58684B01	NA	25.0	17.0	ug/L	62.0
09/20/94	G94-06-MW-06	58684B01	NA	25.0	19.0	ug/L	72.0
09/20/94	G94-10-MW-03	58684B01	NA	25.0	20.0	ug/L	74.0
09/21/94	G94-01-MW-01	58700B01	NA	25.0	19.0	ug/L	70.0
09/21/94	G94-01-MW-02	58700B01	NA	25.0	29.0	ug/L	106
09/21/94	G94-01-MW-05	58700B01	NA	25.0	22.0	ug/L	83.0
09/21/94	G94-05-MW-13	58700B01	NA	25.0	28.0	ug/L	103
09/21/94	G94-01-MW-06	58710B01	NA	25.0	27.0	ug/L	101
09/21/94	G94-01-MW-07	58710B01	NA	25.0	27.0	ug/L	99.0
09/21/94	G94-06-MW-01	58710B01	NA	25.0	22.0	ug/L	83.0
09/21/94	G94-06-MW-07	58710B01	NA	25.0	19.0	ug/L	70.0
09/21/94	G94-10-MW-01	58710B01	NA	25.0	28.0	ug/L	103
09/21/94	G94-01-MW-08	58711B01	NA	25.0	31.0	ug/L	113
09/21/94	G94-06-MW-04	58711B01	NA	25.0	25.0	ug/L	94.0
09/21/94	G94-09-MW-08	58711B01	NA	25.0	21.0	ug/L	76.0
09/22/94	G94-09-MW-12	58711B01	NA	25.0	0.00 (F)	ug/L	DO
09/30/94	G94-05-MW-02	58738B01	NA	25.0	31.0	ug/L	115
09/30/94	G94-05-MW-03	58738B01	NA	25.0	19.0	ug/L	69.0
09/30/94	G94-05-MW-04	58738B01	NA	25.0	25.0	ug/L	91.0
09/30/94	G94-05-MW-05	58738B01	NA	25.0	19.0	ug/L	70.0
09/30/94	G94-05-MW-07	58738B01	NA	25.0	18.0	ug/L	66.0
09/30/94	G94-05-MW-11	58738B01	NA	25.0	20.0	ug/L	75.0
09/30/94	G94-05-MW-14	58738B01	NA	25.0	22.0	ug/L	81.0
09/30/94	G94-05-MW-15	58738B01	NA	25.0	19.0	ug/L	71.0
10/01/94	G94-13-MW-37	58738B01	NA	25.0	22.0	ug/L	83.0
10/01/94	G94-13-MW-38	58738B01	NA	25.0	21.0	ug/L	79.0

Number of Samples	: 39	Below acceptance :	2
Mean % Recovery	: 83.7	Above acceptance :	0
Standard Deviation	: 17.1	Acceptance Criteria	60-120

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Aluminum							
Type of Spike : Laboratory Control							
10/05/94	LCS946378	EMJA6141005100001	NA	10.0	9.78	mg/L	98.0
10/05/94	LCS946396	EMJA6141005100001	NA	10.0	9.70	mg/L	97.0
10/05/94	LCS946557	EMJA6141005100003	NA	10.0	9.38	mg/L	94.0
10/05/94	LCS946725	EMJA6141005100003	NA	10.0	9.84	mg/L	98.0
10/05/94	LCSD946378	EMJA6141005100001	NA	10.0	9.71	mg/L	97.0
10/05/94	LCSD946396	EMJA6141005100001	NA	10.0	9.54	mg/L	95.0
10/05/94	LCSD946557	EMJA6141005100003	NA	10.0	9.41	mg/L	94.0
10/05/94	LCSD946725	EMJA6141005100003	NA	10.0	9.83	mg/L	98.0
10/13/94	LCS946909	EMJA6141013184501	NA	10.0	10.0	mg/L	100
10/13/94	LCSD946909	EMJA6141013184501	NA	10.0	9.96	mg/L	100
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 97.1			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Aluminum							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0125	10.0	9.82	mg/L	98.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0125	10.0	9.81	mg/L	98.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.0427	10.0	9.54	mg/L	96.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.0427	10.0	9.54	mg/L	96.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.0315	10.0	9.90	mg/L	99.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.0315	10.0	9.98	mg/L	100
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 97.8			Above acceptance : 0				
Standard Deviation : 1.60			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Antimony							
Type of Spike : Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Antimony							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	1.06	mg/L	106
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	1.05	mg/L	105
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.876	mg/L	88.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	1.02	mg/L	102
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	1.09	mg/L	109
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.999	mg/L	100
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.896	mg/L	90.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.966	mg/L	97.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.970	mg/L	97.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.979	mg/L	98.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 99.2	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Antimony							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.0138	1.00	0.956	mg/L	94.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.0138	1.00	1.05	mg/L	104
10/05/94	G94-13-MW-37	EMJA6141005100003	0.0300	1.00	0.960	mg/L	93.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.0300	1.00	0.904	mg/L	87.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0257	1.00	0.929	mg/L	90.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0257	1.00	1.01	mg/L	98.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 94.3	Above acceptance :	0
Standard Deviation	: 6.02	Acceptance Criteria	75-125

Method : SW6010 - Metals							
Spiked Analyte : Arsenic							
Type of Spike : Laboratory Control							

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW6010 - Metals							
Spiked Analyte : Arsenic							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.936	mg/L	94.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.981	mg/L	98.0
10/05/94	LCS946513	EMJA6141005100001	NA	1.00	0.948	mg/L	95.0
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.868	mg/L	87.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.996	mg/L	100
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.982	mg/L	98.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.929	mg/L	93.0
10/05/94	LCSD946513	EMJA6141005100001	NA	1.00	0.960	mg/L	96.0
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.912	mg/L	91.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.952	mg/L	95.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.958	mg/L	96.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.978	mg/L	98.0

Number of Samples	: 12	Below acceptance :	0
Mean % Recovery	: 95.1	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Arsenic							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0654	1.00	0.906	mg/L	97.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0654	1.00	0.895	mg/L	96.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.0349	1.00	0.855	mg/L	89.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.0349	1.00	0.865	mg/L	90.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.00809	1.00	0.954	mg/L	95.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.00809	1.00	0.937	mg/L	93.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 93.3	Above acceptance :	0
Standard Deviation	: 3.27	Acceptance Criteria	75-125

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Barium							
Type of Spike : Laboratory Control							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.976	mg/L	98.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.964	mg/L	96.0
10/05/94	LCS946513	EMJA6141005100001	NA	1.00	0.970	mg/L	97.0
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.953	mg/L	95.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.990	mg/L	99.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.966	mg/L	97.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.944	mg/L	94.0
10/05/94	LCSD946513	EMJA6141005100001	NA	1.00	0.984	mg/L	98.0
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.945	mg/L	95.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	1.01	mg/L	101
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.983	mg/L	98.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.979	mg/L	98.0

Number of Samples : 12 — Below acceptance : 0
Mean % Recovery : 97.2 — Above acceptance : 0
Standard Deviation : NC — Acceptance Criteria 80-120

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Barium							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.188	1.00	1.15	mg/L	96.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.188	1.00	1.14	mg/L	95.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.165	1.00	1.10	mg/L	94.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.165	1.00	1.10	mg/L	93.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.496	1.00	1.45	mg/L	96.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.496	1.00	1.47	mg/L	97.0

Number of Samples : 6 — Below acceptance : 0
Mean % Recovery : 95.2 — Above acceptance : 0
Standard Deviation : 1.47 — Acceptance Criteria 75-125

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW6010 - Metals							
Spiked Analyte : Beryllium							
Type of Spike : Laboratory Control							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	1.06	mg/L	106
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	1.07	mg/L	107
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	1.00	mg/L	100
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	1.07	mg/L	107
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	1.06	mg/L	106
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	1.05	mg/L	105
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	1.00	mg/L	100
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	1.09	mg/L	109
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	1.01	mg/L	101
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	1.01	mg/L	101

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 104	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Beryllium							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.00109	1.00	1.07	mg/L	107
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.00109	1.00	1.07	mg/L	107
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00163	1.00	1.04	mg/L	104
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00163	1.00	1.04	mg/L	104
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.00247	1.00	1.00	mg/L	100
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.00247	1.00	1.00	mg/L	100

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 104	Above acceptance :	0
Standard Deviation	: 3.14	Acceptance Criteria	75-125

Method : SW6010 - Metals
Spiked Analyte : Cadmium
Type of Spike : Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Cadmium							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.931	mg/L	93.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.968	mg/L	97.0
10/05/94	LCS946513	EMJA6141005100001	NA	1.00	0.961	mg/L	96.0
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.862	mg/L	86.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.928	mg/L	93.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.944	mg/L	94.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.955	mg/L	95.0
10/05/94	LCSD946513	EMJA6141005100001	NA	1.00	0.967	mg/L	97.0
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.869	mg/L	87.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.960	mg/L	96.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.925	mg/L	93.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.930	mg/L	93.0

Number of Samples	: 12	Below acceptance :	0
Mean % Recovery	: 93.3	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	80-120

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Cadmium							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.000470	1.00	0.932	mg/L	93.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.000470	1.00	0.926	mg/L	93.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.000820	1.00	0.852	mg/L	85.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.000820	1.00	0.871	mg/L	87.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.000900	1.00	0.885	mg/L	88.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.000900	1.00	0.890	mg/L	89.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 89.2	Above acceptance :	0
Standard Deviation	: 3.25	Acceptance Criteria	75-125

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Calcium							
Type of Spike : Laboratory Control							
10/05/94	LCS946378	EMJA6141005100001	NA	10.0	9.80	mg/L	98.0
10/05/94	LCS946396	EMJA6141005100001	NA	10.0	10.1	mg/L	101
10/05/94	LCS946557	EMJA6141005100003	NA	10.0	9.56	mg/L	96.0
10/05/94	LCS946725	EMJA6141005100003	NA	10.0	10.3	mg/L	103
10/05/94	LCSD946378	EMJA6141005100001	NA	10.0	9.96	mg/L	100
10/05/94	LCSD946396	EMJA6141005100001	NA	10.0	9.99	mg/L	100
10/05/94	LCSD946557	EMJA6141005100003	NA	10.0	9.65	mg/L	97.0
10/05/94	LCSD946725	EMJA6141005100003	NA	10.0	10.3	mg/L	103
10/13/94	LCS946909	EMJA6141013184501	NA	10.0	10.3	mg/L	103
10/13/94	LCSD946909	EMJA6141013184501	NA	10.0	10.3	mg/L	103

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 100	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Calcium							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	138	10.0	146	mg/L	83.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	138	10.0	150	mg/L	118
10/05/94	G94-13-MW-37	EMJA6141005100003	164	10.0	177	mg/L	129
10/05/94	G94-13-MW-37	EMJA6141005100003	164	10.0	179	mg/L	148
10/13/94	G94-04-MW-03-02	EMJA6141013184501	319	10.0	328	mg/L	86.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	319	10.0	335	mg/L	155

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 120	Above acceptance :	3
Standard Deviation	: 30.4	Acceptance Criteria	75-125

Method : SW6010 - Metals
Spiked Analyte : Chromium
Type of Spike : Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Chromium							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.965	mg/L	97.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.987	mg/L	99.0
10/05/94	LCS946513	EMJA6141005100001	NA	1.00	0.992	mg/L	99.0
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.877	mg/L	88.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.945	mg/L	95.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.985	mg/L	98.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.976	mg/L	98.0
10/05/94	LCSD946513	EMJA6141005100001	NA	1.00	0.999	mg/L	100
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.887	mg/L	89.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.968	mg/L	97.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.960	mg/L	96.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.960	mg/L	96.0

Number of Samples	: 12	Below acceptance :	0
Mean % Recovery	: 96.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	80-120

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Chromium							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.000660	1.00	0.931	mg/L	93.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.000660	1.00	0.938	mg/L	94.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00207	1.00	0.867	mg/L	87.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00207	1.00	0.868	mg/L	87.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.000520	1.00	0.902	mg/L	90.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.000520	1.00	0.916	mg/L	92.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 90.5	Above acceptance :	0
Standard Deviation	: 3.02	Acceptance Criteria	75-125

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Cobalt							
Type of Spike : Laboratory Control							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.957	mg/L	96.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.982	mg/L	98.0
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.886	mg/L	89.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.948	mg/L	95.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.972	mg/L	97.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.980	mg/L	98.0
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.897	mg/L	90.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.970	mg/L	97.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.954	mg/L	95.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.950	mg/L	95.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 95.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Cobalt							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.00	1.00	0.961	mg/L	96.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.00	1.00	0.940	mg/L	94.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00182	1.00	0.877	mg/L	88.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00182	1.00	0.881	mg/L	88.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0375	1.00	0.942	mg/L	90.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0375	1.00	0.929	mg/L	89.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 90.8			Above acceptance : 0				
Standard Deviation : 3.37			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Copper							
Type of Spike : Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Copper							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.977	mg/L	98.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.969	mg/L	97.0
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.937	mg/L	94.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.984	mg/L	98.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.970	mg/L	97.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.949	mg/L	95.0
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.939	mg/L	94.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	1.00	mg/L	100
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.973	mg/L	97.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.964	mg/L	96.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 96.6	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	80-120

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Copper							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.00648	1.00	0.968	mg/L	96.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.00648	1.00	0.970	mg/L	96.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.00529	1.00	0.932	mg/L	93.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.00529	1.00	0.935	mg/L	93.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.00389	1.00	0.952	mg/L	95.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.00389	1.00	0.940	mg/L	94.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 94.5	Above acceptance :	0
Standard Deviation	: 1.38	Acceptance Criteria	75-125

Method : SW6010 - Metals
Spiked Analyte : Iron
Type of Spike : Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Iron							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCS946378	EMJA6141005100001	NA	10.0	10.1	mg/L	101
10/05/94	LCS946396	EMJA6141005100001	NA	10.0	10.2	mg/L	102
10/05/94	LCS946557	EMJA6141005100003	NA	10.0	9.18	mg/L	92.0
10/05/94	LCS946725	EMJA6141005100003	NA	10.0	9.83	mg/L	98.0
10/05/94	LCSD946378	EMJA6141005100001	NA	10.0	10.1	mg/L	101
10/05/94	LCSD946396	EMJA6141005100001	NA	10.0	10.0	mg/L	100
10/05/94	LCSD946557	EMJA6141005100003	NA	10.0	9.25	mg/L	92.0
10/05/94	LCSD946725	EMJA6141005100003	NA	10.0	9.77	mg/L	98.0
10/13/94	LCS946909	EMJA6141013184501	NA	10.0	9.78	mg/L	98.0
10/13/94	LCSD946909	EMJA6141013184501	NA	10.0	9.71	mg/L	97.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 97.9			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Iron							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.0223	10.0	9.87	mg/L	99.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.0223	10.0	9.82	mg/L	98.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.00124	10.0	9.08	mg/L	91.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.00124	10.0	9.07	mg/L	91.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	2.63	10.0	11.8	mg/L	92.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	2.63	10.0	11.9	mg/L	92.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 93.8			Above acceptance : 0				
Standard Deviation : 3.66			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Lead							
Type of Spike : Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Lead							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.935	mg/L	93.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.988	mg/L	99.0
10/05/94	LCS946513	EMJA6141005100001	NA	1.00	0.995	mg/L	99.0
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.865	mg/L	87.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.926	mg/L	93.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.942	mg/L	94.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.944	mg/L	94.0
10/05/94	LCSD946513	EMJA6141005100001	NA	1.00	0.971	mg/L	97.0
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.891	mg/L	89.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.926	mg/L	93.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.942	mg/L	94.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.930	mg/L	93.0
Number of Samples : 12			Below acceptance : 0				
Mean % Recovery : 93.8			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Lead							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0470	1.00	0.920	mg/L	97.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0470	1.00	0.879	mg/L	93.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.0433	1.00	0.817	mg/L	86.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.0433	1.00	0.811	mg/L	85.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0156	1.00	0.876	mg/L	86.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0156	1.00	0.899	mg/L	88.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 89.2			Above acceptance : 0				
Standard Deviation : 4.79			Acceptance Criteria 75-125				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW6010 - Metals							
Spiked Analyte : Magnesium							
Type of Spike : Laboratory Control							
10/05/94	LCS946378	EMJA6141005100001	NA	10.0	9.92	mg/L	99.0
10/05/94	LCS946396	EMJA6141005100001	NA	10.0	9.92	mg/L	99.0
10/05/94	LCS946557	EMJA6141005100003	NA	10.0	9.64	mg/L	96.0
10/05/94	LCS946725	EMJA6141005100003	NA	10.0	10.1	mg/L	101
10/05/94	LCSD946378	EMJA6141005100001	NA	10.0	9.92	mg/L	99.0
10/05/94	LCSD946396	EMJA6141005100001	NA	10.0	9.69	mg/L	97.0
10/05/94	LCSD946557	EMJA6141005100003	NA	10.0	9.61	mg/L	96.0
10/05/94	LCSD946725	EMJA6141005100003	NA	10.0	9.98	mg/L	100
10/13/94	LCS946909	EMJA6141013184501	NA	10.0	9.90	mg/L	99.0
10/13/94	LCSD946909	EMJA6141013184501	NA	10.0	9.89	mg/L	99.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 98.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Magnesium							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	14.0	10.0	24.2	mg/L	102
10/05/94	G94-06-MW-05D	EMJA6141005100001	14.0	10.0	23.8	mg/L	98.0
10/05/94	G94-13-MW-37	EMJA6141005100003	31.9	10.0	42.1	mg/L	102
10/05/94	G94-13-MW-37	EMJA6141005100003	31.9	10.0	42.3	mg/L	104
10/13/94	G94-04-MW-03-02	EMJA6141013184501	73.0	10.0	83.1	mg/L	101
10/13/94	G94-04-MW-03-02	EMJA6141013184501	73.0	10.0	82.0	mg/L	90.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 99.5	Above acceptance :	0
Standard Deviation	: 5.05	Acceptance Criteria	75-125

Method : SW6010 - Metals
Spiked Analyte : Manganese
Type of Spike : Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Manganese							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.967	mg/L	97.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.989	mg/L	99.0
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.887	mg/L	89.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.946	mg/L	95.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.974	mg/L	97.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.974	mg/L	97.0
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.897	mg/L	90.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.964	mg/L	96.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.957	mg/L	96.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.958	mg/L	96.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 95.2			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Manganese							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	1.20	1.00	2.16	mg/L	96.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	1.20	1.00	2.13	mg/L	93.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.000600	1.00	0.881	mg/L	88.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.000600	1.00	0.881	mg/L	88.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	18.7	1.00	19.5	mg/L	84.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	18.7	1.00	19.9	mg/L	124
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 95.5			Above acceptance : 0				
Standard Deviation : 14.6			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Molybdenum							
Type of Spike : Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW6010 - Metals							
Spiked Analyte : Molybdenum							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	1.04	mg/L	104
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	1.04	mg/L	104
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.940	mg/L	94.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	1.01	mg/L	101
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	1.02	mg/L	102
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	1.02	mg/L	102
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.945	mg/L	95.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.981	mg/L	98.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.996	mg/L	100
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.996	mg/L	100

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 100	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Molybdenum							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.00394	1.00	1.03	mg/L	102
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.00394	1.00	1.00	mg/L	100
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.000410	1.00	0.946	mg/L	95.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.000410	1.00	0.924	mg/L	92.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.00359	1.00	0.939	mg/L	94.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.00359	1.00	0.949	mg/L	95.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 96.3	Above acceptance :	0
Standard Deviation	: 3.83	Acceptance Criteria	75-125

Method : SW6010 - Metals
Spiked Analyte : Nickel
Type of Spike : Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Nickel							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.979	mg/L	98.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	1.00	mg/L	100
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.912	mg/L	91.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.994	mg/L	99.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.943	mg/L	94.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.973	mg/L	97.0
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.904	mg/L	90.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	1.02	mg/L	102
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.938	mg/L	94.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.968	mg/L	97.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 96.2	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	80-120

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Nickel							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.0130	1.00	0.965	mg/L	95.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.0130	1.00	0.922	mg/L	91.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.00103	1.00	0.909	mg/L	91.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.00103	1.00	0.873	mg/L	87.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0593	1.00	0.979	mg/L	92.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0593	1.00	0.972	mg/L	91.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 91.2	Above acceptance :	0
Standard Deviation	: 2.56	Acceptance Criteria	75-125

Method : SW6010 - Metals
Spiked Analyte : Potassium
Type of Spike : Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Potassium							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCS946378	EMJA6141005100001	NA	20.0	19.7	mg/L	98.0
10/05/94	LCS946396	EMJA6141005100001	NA	20.0	19.6	mg/L	98.0
10/05/94	LCS946557	EMJA6141005100003	NA	20.0	19.4	mg/L	97.0
10/05/94	LCS946725	EMJA6141005100003	NA	20.0	19.8	mg/L	99.0
10/05/94	LCSD946378	EMJA6141005100001	NA	20.0	19.4	mg/L	97.0
10/05/94	LCSD946396	EMJA6141005100001	NA	20.0	18.9	mg/L	95.0
10/05/94	LCSD946557	EMJA6141005100003	NA	20.0	19.4	mg/L	97.0
10/05/94	LCSD946725	EMJA6141005100003	NA	20.0	19.8	mg/L	99.0
10/13/94	LCS946909	EMJA6141013184501	NA	20.0	19.1	mg/L	96.0
10/13/94	LCSD946909	EMJA6141013184501	NA	20.0	19.5	mg/L	98.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 97.4			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Potassium							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	5.86	20.0	25.9	mg/L	100
10/05/94	G94-06-MW-05D	EMJA6141005100001	5.86	20.0	25.6	mg/L	99.0
10/05/94	G94-13-MW-37	EMJA6141005100003	5.16	20.0	24.6	mg/L	97.0
10/05/94	G94-13-MW-37	EMJA6141005100003	5.16	20.0	25.0	mg/L	99.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	6.76	20.0	26.0	mg/L	96.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	6.76	20.0	25.8	mg/L	95.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 97.7			Above acceptance : 0				
Standard Deviation : 1.97			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Selenium							
Type of Spike : Laboratory Control							

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Selenium							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	1.03	mg/L	103
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.922	mg/L	92.0
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.860	mg/L	86.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.978	mg/L	98.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.964	mg/L	96.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	1.09	mg/L	109
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.950	mg/L	95.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.933	mg/L	93.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.977	mg/L	98.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.882	mg/L	88.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 95.8			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Selenium							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0251	1.00	0.988	mg/L	101
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0251	1.00	1.01	mg/L	104
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00931	1.00	0.951	mg/L	96.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00931	1.00	0.990	mg/L	100
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0271	1.00	0.947	mg/L	92.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0271	1.00	0.967	mg/L	94.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 97.8			Above acceptance : 0				
Standard Deviation : 4.58			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Silver							
Type of Spike : Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Silver							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.918	mg/L	92.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.937	mg/L	94.0
10/05/94	LCS946513	EMJA6141005100001	NA	1.00	0.932	mg/L	93.0
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.856	mg/L	86.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.734	mg/L	73.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.930	mg/L	93.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.928	mg/L	93.0
10/05/94	LCSD946513	EMJA6141005100001	NA	1.00	0.934	mg/L	93.0
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.875	mg/L	87.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.753	mg/L	75.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.919	mg/L	92.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.919	mg/L	92.0
Number of Samples : 12			Below acceptance : 2				
Mean % Recovery : 88.6			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Silver							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.00613	1.00	0.911	mg/L	92.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.00613	1.00	0.908	mg/L	91.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00201	1.00	0.855	mg/L	86.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00201	1.00	0.895	mg/L	90.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.00499	1.00	0.886	mg/L	88.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.00499	1.00	0.887	mg/L	88.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 89.2			Above acceptance : 0				
Standard Deviation : 2.23			Acceptance Criteria 75-125				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Sodium							
Type of Spike : Laboratory Control							
10/05/94	LCS946378	EMJA6141005100001	NA	10.0	9.82	mg/L	98.0
10/05/94	LCS946396	EMJA6141005100001	NA	10.0	9.72	mg/L	97.0
10/05/94	LCS946557	EMJA6141005100003	NA	10.0	9.58	mg/L	96.0
10/05/94	LCS946725	EMJA6141005100003	NA	10.0	9.82	mg/L	98.0
10/05/94	LCSD946378	EMJA6141005100001	NA	10.0	9.50	mg/L	95.0
10/05/94	LCSD946396	EMJA6141005100001	NA	10.0	9.46	mg/L	95.0
10/05/94	LCSD946557	EMJA6141005100003	NA	10.0	9.68	mg/L	97.0
10/05/94	LCSD946725	EMJA6141005100003	NA	10.0	9.91	mg/L	99.0
10/13/94	LCS946909	EMJA6141013184501	NA	10.0	9.88	mg/L	99.0
10/13/94	LCSD946909	EMJA6141013184501	NA	10.0	9.90	mg/L	99.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 97.3			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Sodium							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	41.3	10.0	50.0	mg/L	87.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	41.3	10.0	51.2	mg/L	99.0
10/05/94	G94-13-MW-37	EMJA6141005100003	5.40	10.0	15.2	mg/L	98.0
10/05/94	G94-13-MW-37	EMJA6141005100003	5.40	10.0	15.1	mg/L	97.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	11.3	10.0	21.4	mg/L	101
10/13/94	G94-04-MW-03-02	EMJA6141013184501	11.3	10.0	21.4	mg/L	102
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 97.3			Above acceptance : 0				
Standard Deviation : 5.39			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Thallium							
Type of Spike : Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Thallium							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.920	mg/L	92.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.904	mg/L	90.0
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.893	mg/L	89.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.929	mg/L	93.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.891	mg/L	89.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.941	mg/L	94.0
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.830	mg/L	83.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.945	mg/L	94.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.917	mg/L	92.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.957	mg/L	96.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 91.2	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Thallium							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0490	1.00	0.874	mg/L	92.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0490	1.00	0.863	mg/L	91.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.0499	1.00	0.942	mg/L	99.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.0499	1.00	0.874	mg/L	92.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.0312	1.00	0.794	mg/L	82.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.0312	1.00	0.844	mg/L	88.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 90.7	Above acceptance :	0
Standard Deviation	: 5.57	Acceptance Criteria	75-125

Method : SW6010 - Metals
Spiked Analyte : Vanadium
Type of Spike : Laboratory Control

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Vanadium							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.990	mg/L	99.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.998	mg/L	100
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.913	mg/L	91.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.963	mg/L	96.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.990	mg/L	99.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.983	mg/L	98.0
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.916	mg/L	92.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.979	mg/L	98.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.968	mg/L	97.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.965	mg/L	97.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 96.7			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Vanadium							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.000440	1.00	0.973	mg/L	97.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.000440	1.00	0.974	mg/L	97.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.000290	1.00	0.911	mg/L	91.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.000290	1.00	0.910	mg/L	91.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.0000300	1.00	0.935	mg/L	93.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.0000300	1.00	0.939	mg/L	94.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 93.8			Above acceptance : 0				
Standard Deviation : 2.71			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Zinc							
Type of Spike : Laboratory Control							

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW6010 - Metals							
Spiked Analyte : Zinc							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.971	mg/L	97.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	1.01	mg/L	101
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.873	mg/L	87.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.957	mg/L	96.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.991	mg/L	99.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.994	mg/L	99.0
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.879	mg/L	88.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.985	mg/L	99.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.960	mg/L	96.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.960	mg/L	96.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 95.8	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	80-120

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW6010 - Metals							
Spiked Analyte : Zinc							
Type of Spike : Matrix Spike							
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.0136	1.00	0.960	mg/L	95.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.0136	1.00	0.963	mg/L	95.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.00936	1.00	0.875	mg/L	87.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.00936	1.00	0.872	mg/L	86.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.000590	1.00	0.904	mg/L	90.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.000590	1.00	0.906	mg/L	91.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 90.7	Above acceptance :	0
Standard Deviation	: 3.83	Acceptance Criteria	75-125

Method : SW7060 - Arsenic
Spiked Analyte : Arsenic
Type of Spike : Analytical Spike

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW7060 - Arsenic							
Spiked Analyte : Arsenic							
Type of Spike : Analytical Spike, cont.							
09/19/94	G94-06-MW-05D	AAZ3__40919172101	-0.00135	0.0200	0.0217	mg/L	115
09/28/94	G94-13-MW-37	AAZ3__40928163202	-0.00145	0.0200	0.0201	mg/L	108
09/28/94	G94-04-MW-03D	AAZ4__40928083002	0.00757	0.0200	0.0288	mg/L	106
10/06/94	G94-04-MW-03-02	AAZ4__41006085001	0.00246	0.0200	0.0243	mg/L	109
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 110			Above acceptance : 0				
Standard Deviation : 3.87			Acceptance Criteria 85-115				
Method : SW7060 - Arsenic							
Spiked Analyte : Arsenic							
Type of Spike : Laboratory Control							
09/19/94	LCS946379	AAZ3__40919172101	NA	0.0500	0.0389	mg/L	78.0
09/19/94	LCSD946379	AAZ3__40919172101	NA	0.0500	0.0414	mg/L	83.0
09/28/94	LCS946556	AAZ3__40928163202	NA	0.0500	0.0417	mg/L	83.0
09/28/94	LCSD946556	AAZ3__40928163202	NA	0.0500	0.0421	mg/L	84.0
09/28/94	LCS946516	AAZ4__40928083002	NA	0.0500	0.0461	mg/L	92.0
09/28/94	LCSD946516	AAZ4__40928083002	NA	0.0500	0.0439	mg/L	88.0
10/06/94	LCS946771	AAZ4__41006085001	NA	0.0500	0.0497	mg/L	99.0
10/06/94	LCSD946771	AAZ4__41006085001	NA	0.0500	0.0496	mg/L	99.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 88.3			Above acceptance : 0				
Standard Deviation : 7.78			Acceptance Criteria 75-125				
Method : SW7060 - Arsenic							
Spiked Analyte : Arsenic							
Type of Spike : Matrix Spike							
09/19/94	G94-06-MW-05D	AAZ3__40919172101	-0.00135	0.0500	0.0522	mg/L	107
09/19/94	G94-06-MW-05D	AAZ3__40919172101	-0.00135	0.0500	0.0510	mg/L	105
09/28/94	G94-13-MW-37	AAZ3__40928163202	-0.00145	0.0500	0.0450	mg/L	93.0

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW7060 - Arsenic							
Spiked Analyte : Arsenic							
Type of Spike : Matrix Spike, cont.							
09/28/94	G94-13-MW-37	AAZ3__40928163202	-0.00145	0.0500	0.0452	mg/L	93.0
09/28/94	G94-04-MW-03D	AAZ4__40928083002	0.00757	0.0500	0.0569	mg/L	99.0
09/28/94	G94-04-MW-03D	AAZ4__40928083002	0.00757	0.0500	0.0563	mg/L	97.0
10/06/94	G94-04-MW-03-02	AAZ4__41006085001	0.00246	0.0500	0.0560	mg/L	107
10/06/94	G94-04-MW-03-02	AAZ4__41006085001	0.00246	0.0500	0.0566	mg/L	108
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 101			Above acceptance : 0				
Standard Deviation : 6.38			Acceptance Criteria 75-125				
Method : SW7421 - Lead							
Spiked Analyte : Lead							
Type of Spike : Analytical Spike							
09/19/94	G94-06-MW-05D	AAZ1__40919170001	-0.0000600	0.0200	0.0194	mg/L	97
09/27/94	G94-13-MW-37	AAZ2__40927170001	0.000560	0.0200	0.0181	mg/L	88
10/07/94	G94-04-MW-03-02	AAZ2__41007092002	-0.000990	0.0200	0.0182	mg/L	96.0
Number of Samples : 3			Below acceptance : 0				
Mean % Recovery : 93.7			Above acceptance : 0				
Standard Deviation : 4.93			Acceptance Criteria 85-115				
Method : SW7421 - Lead							
Spiked Analyte : Lead							
Type of Spike : Laboratory Control							
09/19/94	LCS946379	AAZ1__40919170001	NA	0.0500	0.0487	mg/L	97.0
09/19/94	LCSD946379	AAZ1__40919170001	NA	0.0500	0.0499	mg/L	100
09/27/94	LCS946556	AAZ2__40927170001	NA	0.0500	0.0482	mg/L	96.0
09/27/94	LCSD946556	AAZ2__40927170001	NA	0.0500	0.0478	mg/L	96.0
10/07/94	LCS946771	AAZ2__41007092002	NA	0.0500	0.0507	mg/L	103
10/07/94	LCSD946771	AAZ2__41007092002	NA	0.0500	0.0515	mg/L	105
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 99.5			Above acceptance : 0				
Standard Deviation : 3.83			Acceptance Criteria 75-125				

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW7421 - Lead							
Spiked Analyte : Lead							
Type of Spike : Matrix Spike							
09/19/94	G94-06-MW-05D	AAZ1__40919170001	-0.0000600	0.0500	0.0465	mg/L	93.0
09/19/94	G94-06-MW-05D	AAZ1__40919170001	-0.0000600	0.0500	0.0465	mg/L	93.0
09/27/94	G94-13-MW-37	AAZ2__40927170001	0.000560	0.0500	0.0467	mg/L	92.0
09/27/94	G94-13-MW-37	AAZ2__40927170001	0.000560	0.0500	0.0472	mg/L	93.0
10/07/94	G94-04-MW-03-02	AAZ2__41007092002	-0.000990	0.0500	0.0458	mg/L	94.0
10/07/94	G94-04-MW-03-02	AAZ2__41007092002	-0.000990	0.0500	0.0455	mg/L	93.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 93.0			Above acceptance : 0				
Standard Deviation : 0.632			Acceptance Criteria 75-125				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 4,4'-DDT							
Type of Spike : Laboratory Control							
09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.500	0.488	ug/L	98.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.500	0.472	ug/L	94.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.500	0.514	ug/L	103
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.500	0.517	ug/L	103
10/09/94	LCS946526	CHGC6A41005120004	NA	0.500	0.455	ug/L	91.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.500	0.475	ug/L	95.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.500	0.444	ug/L	89.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.500	0.490	ug/L	98.0
10/12/94	LCS946423	CHGC7A41012120001	NA	0.500	0.435	ug/L	87.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.500	0.476	ug/L	95.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 95.3			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 25-160				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 4,4'-DDT							
Type of Spike : Matrix Spike							

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 4,4'-DDT							
Type of Spike : Matrix Spike, cont.							
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.485	0.476	ug/L	98.0
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.488	0.494	ug/L	101
09/26/94	G94-06-MW-02	CHGC6A40926120001	0.0108	0.490	0.469	ug/L	93.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	0.0108	0.490	0.501	ug/L	100
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.490	0.471	ug/L	96.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.490	0.497	ug/L	101
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.490	0.505	ug/L	103
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.495	0.465	ug/L	94.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 98.3			Above acceptance : 0				
Standard Deviation : 3.62			Acceptance Criteria 25-160				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Aldrin							
Type of Spike : Laboratory Control							
09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.250	0.207	ug/L	83.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.250	0.207	ug/L	83.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.250	0.239	ug/L	95.0
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.250	0.247	ug/L	99.0
10/09/94	LCS946526	CHGC6A41005120004	NA	0.250	0.206	ug/L	82.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.250	0.210	ug/L	84.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.250	0.210	ug/L	84.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.250	0.234	ug/L	94.0
10/12/94	LCS946423	CHGC7A41012120001	NA	0.250	0.213	ug/L	85.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.250	0.218	ug/L	87.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 87.6			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 42-122				

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Aldrin							
Type of Spike : Matrix Spike							
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.194	0.172	ug/L	88.0
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.195	0.179	ug/L	92.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	0.00630	0.196	0.182	ug/L	90.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	0.00630	0.196	0.192	ug/L	95.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.196	0.192	ug/L	98.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.196	0.181	ug/L	92.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.198	0.166	ug/L	84.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.196	0.176	ug/L	90.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 91.1			Above acceptance : 0				
Standard Deviation : 4.26			Acceptance Criteria 42-122				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dieldrin							
Type of Spike : Laboratory Control							
09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.500	0.490	ug/L	98.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.500	0.474	ug/L	95.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.500	0.505	ug/L	101
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.500	0.513	ug/L	103
10/09/94	LCS946526	CHGC6A41005120004	NA	0.500	0.453	ug/L	91.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.500	0.466	ug/L	93.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.500	0.444	ug/L	89.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.500	0.490	ug/L	98.0
10/12/94	LCS946423	CHGC7A41012120001	NA	0.500	0.459	ug/L	92.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.500	0.480	ug/L	96.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 95.6			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 36-146				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dieldrin							
Type of Spike : Matrix Spike							
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.485	0.455	ug/L	94.0
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.488	0.475	ug/L	97.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	0.0204	0.490	0.492	ug/L	96.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	0.0204	0.490	0.472	ug/L	92.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.490	0.475	ug/L	97.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.490	0.440	ug/L	90.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.490	0.477	ug/L	97.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.495	0.449	ug/L	91.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 94.3			Above acceptance : 0				
Standard Deviation : 2.92			Acceptance Criteria 36-146				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Endosulfan II							
Type of Spike : Laboratory Control							
09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.500	0.512	ug/L	102
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.500	0.493	ug/L	99.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.500	0.524	ug/L	105
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.500	0.531	ug/L	106
10/09/94	LCS946526	CHGC6A41005120004	NA	0.500	0.446	ug/L	89.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.500	0.460	ug/L	92.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.500	0.467	ug/L	93.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.500	0.514	ug/L	103
10/12/94	LCS946423	CHGC7A41012120001	NA	0.500	0.477	ug/L	95.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.500	0.504	ug/L	101
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 98.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-202				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Endrin							
Type of Spike : Laboratory Control							
09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.500	0.469	ug/L	94.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.500	0.456	ug/L	91.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.500	0.488	ug/L	98.0
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.500	0.496	ug/L	99.0
10/09/94	LCS946526	CHGC6A41005120004	NA	0.500	0.445	ug/L	89.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.500	0.453	ug/L	91.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.500	0.429	ug/L	86.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.500	0.484	ug/L	97.0
10/12/94	LCS946423	CHGC7A41012120001	NA	0.500	0.419	ug/L	84.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.500	0.447	ug/L	89.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 91.8			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 30-147				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Endrin							
Type of Spike : Matrix Spike							
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.488	0.497	ug/L	102
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.485	0.470	ug/L	97.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	ND	0.490	0.482	ug/L	98.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	ND	0.490	0.500	ug/L	102
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.490	0.500	ug/L	102
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.490	0.467	ug/L	95.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.495	0.489	ug/L	99.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.490	0.522	ug/L	106
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 100			Above acceptance : 0				
Standard Deviation : 3.52			Acceptance Criteria 30-147				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Endrin Aldehyde							
Type of Spike : Laboratory Control							
09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.500	0.534	ug/L	107
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.500	0.515	ug/L	103
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.500	0.568	ug/L	114
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.500	0.573	ug/L	115
10/09/94	LCS946526	CHGC6A41005120004	NA	0.500	0.00460 (J)	ug/L	0.900
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.500	0.0325	ug/L	6.50
09/29/94	LCS946397	CHGC7A40928120002	NA	0.500	0.526	ug/L	105
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.500	0.573	ug/L	115
10/12/94	LCS946423	CHGC7A41012120001	NA	0.500	0.536	ug/L	107
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.500	0.574	ug/L	115

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 88.8	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	NS

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Heptachlor							
Type of Spike : Laboratory Control							
09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.250	0.224	ug/L	90.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.250	0.224	ug/L	90.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.250	0.253	ug/L	101
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.250	0.260	ug/L	104
10/09/94	LCS946526	CHGC6A41005120004	NA	0.250	0.224	ug/L	90.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.250	0.227	ug/L	91.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.250	0.223	ug/L	89.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.250	0.248	ug/L	99.0
10/12/94	LCS946423	CHGC7A41012120001	NA	0.250	0.224	ug/L	89.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.250	0.224	ug/L	90.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 93.3	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	34-120

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Heptachlor							
Type of Spike : Matrix Spike							
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.195	0.180	ug/L	92.0
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.194	0.172	ug/L	89.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	ND	0.196	0.190	ug/L	97.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	ND	0.196	0.180	ug/L	92.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.196	0.202	ug/L	103
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.196	0.178	ug/L	91.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.198	0.168	ug/L	85.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.196	0.178	ug/L	91.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 92.5			Above acceptance : 0				
Standard Deviation : 5.40			Acceptance Criteria 34-120				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Heptachlor epoxide							
Type of Spike : Laboratory Control							
09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.250	0.264	ug/L	106
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.250	0.256	ug/L	102
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.250	0.274	ug/L	110
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.250	0.277	ug/L	111
10/09/94	LCS946526	CHGC6A41005120004	NA	0.250	0.243	ug/L	97.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.250	0.258	ug/L	103
09/29/94	LCS946397	CHGC7A40928120002	NA	0.250	0.237	ug/L	95.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.250	0.263	ug/L	105
10/12/94	LCS946423	CHGC7A41012120001	NA	0.250	0.242	ug/L	97.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.250	0.250	ug/L	100
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 103			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 37-142				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : PCB-1016							
Type of Spike : Laboratory Control							
09/16/94	LCS946202	CHGC6A40915120002	NA	2.50	2.31	ug/L	93.0
09/16/94	LCSD946202	CHGC6A40915120002	NA	2.50	2.31	ug/L	92.0
09/26/94	LCS946304	CHGC6A40926120001	NA	2.50	2.17	ug/L	87.0
09/26/94	LCSD946304	CHGC6A40926120001	NA	2.50	2.31	ug/L	93.0
10/09/94	LCS946527	CHGC6A41005120004	NA	2.50	2.12	ug/L	85.0
10/09/94	LCSD946527	CHGC6A41005120004	NA	2.50	2.28	ug/L	91.0
09/29/94	LCS946398	CHGC7A40928120002	NA	2.50	2.17	ug/L	87.0
09/29/94	LCSD946398	CHGC7A40928120002	NA	2.50	2.23	ug/L	89.0
10/13/94	LCS946424	CHGC7A41012120001	NA	2.50	1.95	ug/L	78.0
10/13/94	LCSD946424	CHGC7A41012120001	NA	2.50	1.75	ug/L	70.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 86.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	50-120

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : PCB-1260							
Type of Spike : Laboratory Control							
09/16/94	LCS946202	CHGC6A40915120002	NA	2.50	2.41	ug/L	96.0
09/16/94	LCSD946202	CHGC6A40915120002	NA	2.50	2.41	ug/L	96.0
09/26/94	LCS946304	CHGC6A40926120001	NA	2.50	2.46	ug/L	99.0
09/26/94	LCSD946304	CHGC6A40926120001	NA	2.50	2.57	ug/L	103
10/09/94	LCS946527	CHGC6A41005120004	NA	2.50	2.16	ug/L	86.0
10/09/94	LCSD946527	CHGC6A41005120004	NA	2.50	2.31	ug/L	92.0
09/29/94	LCS946398	CHGC7A40928120002	NA	2.50	2.49	ug/L	100
09/29/94	LCSD946398	CHGC7A40928120002	NA	2.50	2.59	ug/L	103
10/13/94	LCS946424	CHGC7A41012120001	NA	2.50	2.38	ug/L	95.0
10/13/94	LCSD946424	CHGC7A41012120001	NA	2.50	2.27	ug/L	91.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 96.1	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	8-127

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : alpha-BHC							
Type of Spike : Laboratory Control							
09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.250	0.222	ug/L	89.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.250	0.221	ug/L	88.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.250	0.242	ug/L	97.0
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.250	0.246	ug/L	99.0
10/09/94	LCS946526	CHGC6A41005120004	NA	0.250	0.222	ug/L	89.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.250	0.227	ug/L	91.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.250	0.207	ug/L	83.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.250	0.231	ug/L	92.0
10/12/94	LCS946423	CHGC7A41012120001	NA	0.250	0.215	ug/L	86.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.250	0.213	ug/L	85.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 89.9	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	37-134

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : delta-BHC							
Type of Spike : Laboratory Control							
09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.250	0.144	ug/L	58.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.250	0.138	ug/L	55.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.250	0.206	ug/L	83.0
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.250	0.210	ug/L	84.0
10/09/94	LCS946526	CHGC6A41005120004	NA	0.250	0.189	ug/L	75.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.250	0.193	ug/L	77.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.250	0.172	ug/L	69.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.250	0.195	ug/L	78.0
10/12/94	LCS946423	CHGC7A41012120001	NA	0.250	0.167	ug/L	67.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.250	0.181	ug/L	72.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 71.8	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	19-140

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : gamma-BHC							
Type of Spike : Laboratory Control							
09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.250	0.247	ug/L	99.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.250	0.241	ug/L	97.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.250	0.260	ug/L	104
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.250	0.264	ug/L	106
10/09/94	LCS946526	CHGC6A41005120004	NA	0.250	0.236	ug/L	95.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.250	0.244	ug/L	98.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.250	0.225	ug/L	90.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.250	0.251	ug/L	100
10/12/94	LCS946423	CHGC7A41012120001	NA	0.250	0.227	ug/L	91.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.250	0.229	ug/L	92.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 97.2	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	32-127

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : gamma-BHC							
Type of Spike : Matrix Spike							
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.195	0.193	ug/L	99.0
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.194	0.176	ug/L	91.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	ND	0.196	0.184	ug/L	94.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	ND	0.196	0.177	ug/L	90.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.196	0.178	ug/L	91.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.196	0.193	ug/L	98.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.196	0.171	ug/L	87.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.198	0.158	ug/L	80.0

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 91.3	Above acceptance :	0
Standard Deviation	: 6.09	Acceptance Criteria	32-127

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene							
Type of Spike : Surrogate - Field Duplicate							
09/16/94	G94-06-MW-03-FD	CHGC6A40915120002	NA	0.971	0.765	ug/L	79.0
09/26/94	G94-09-MW-05-FD	CHGC6A40926120001	NA	0.990	0.782	ug/L	79.0
10/09/94	G94-05-MW-02-FD	CHGC6A41005120004	NA	1.00	0.836	ug/L	84.0
10/09/94	G94-13-MW-37-FD	CHGC6A41005120004	NA	0.990	0.861	ug/L	87.0
09/30/94	G94-01-MW-01-FD	CHGC7A40928120002	NA	0.966	0.724	ug/L	75.0
Number of Samples : 5			Below acceptance : 0				
Mean % Recovery : 80.8			Above acceptance : 0				
Standard Deviation : 4.71			Acceptance Criteria 20-150				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene							
Type of Spike : Surrogate - Laboratory Control							
09/16/94	LCS946201 K	CHGC6A40915120002	NA	1.00	0.708	ug/L	71.0
09/16/94	LCS946202	CHGC6A40915120002	NA	1.00	0.666	ug/L	67.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	1.00	0.727	ug/L	73.0
09/16/94	LCSD946202	CHGC6A40915120002	NA	1.00	0.657	ug/L	66.0
09/26/94	LCS946304	CHGC6A40926120001	NA	1.00	0.616	ug/L	62.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	1.00	0.828	ug/L	83.0
09/26/94	LCSD946304	CHGC6A40926120001	NA	1.00	0.628	ug/L	63.0
09/26/94	LCSD946361	CHGC6A40926120001	NA	1.00	0.840	ug/L	84.0
10/09/94	LCS946526	CHGC6A41005120004	NA	1.00	0.770	ug/L	77.0
10/09/94	LCS946527	CHGC6A41005120004	NA	1.00	0.686	ug/L	69.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	1.00	0.762	ug/L	76.0
10/09/94	LCSD946527	CHGC6A41005120004	NA	1.00	0.729	ug/L	73.0
09/29/94	LCS946397	CHGC7A40928120002	NA	1.00	0.718	ug/L	72.0
09/29/94	LCS946398	CHGC7A40928120002	NA	1.00	0.687	ug/L	69.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	1.00	0.779	ug/L	78.0
09/29/94	LCSD946398	CHGC7A40928120002	NA	1.00	0.687	ug/L	69.0
10/12/94	LCS946423	CHGC7A41012120001	NA	1.00	0.779	ug/L	78.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	1.00	0.784	ug/L	78.0
10/13/94	LCS946424	CHGC7A41012120001	NA	1.00	0.676	ug/L	68.0
10/13/94	LCSD946424	CHGC7A41012120001	NA	1.00	0.627	ug/L	63.0
Number of Samples : 20			Below acceptance : 0				
Mean % Recovery : 72.0			Above acceptance : 0				
Standard Deviation : 6.42			Acceptance Criteria 20-150				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene							
Type of Spike : Surrogate - Matrix Spike							
09/16/94	G94-06-MW-03	CHGC6A40915120002	NA	0.976	0.780	ug/L	80.0
09/16/94	G94-06-MW-03	CHGC6A40915120002	NA	0.971	0.758	ug/L	78.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	NA	0.980	0.780	ug/L	80.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	NA	0.980	0.744	ug/L	76.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	NA	0.980	0.839	ug/L	86.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	NA	0.980	0.827	ug/L	84.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	NA	0.980	0.758	ug/L	77.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	NA	0.990	0.725	ug/L	73.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 79.3			Above acceptance : 0				
Standard Deviation : 4.23			Acceptance Criteria 20-150				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene							
Type of Spike : Surrogate - Method Blank							
09/16/94	BLK943967 B	CHGC6A40915120002	NA	1.00	0.659	ug/L	66.0
09/26/94	BLK94477 BM	CHGC6A40926120001	NA	1.00	0.764	ug/L	76.0
10/08/94	BLK944213	CHGC6A41005120004	NA	1.00	0.743	ug/L	74.0
09/29/94	BLK944114	CHGC7A40928120002	NA	1.00	0.752	ug/L	75.0
10/12/94	BLK944136	CHGC7A41012120001	NA	1.00	0.737	ug/L	74.0
Number of Samples : 5			Below acceptance : 0				
Mean % Recovery : 73.0			Above acceptance : 0				
Standard Deviation : 4.00			Acceptance Criteria 20-150				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene							
Type of Spike : Surrogate - Normal Sample							
09/16/94	G94-02-GW-01	CHGC6A40915120002	NA	0.962	0.746	ug/L	78.0
09/16/94	G94-02-GW-03	CHGC6A40915120002	NA	0.935	0.721	ug/L	77.0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene							
Type of Spike : Surrogate - Normal Sample, cont.							
09/16/94	G94-06-MW-03	CHGC6A40915120002	NA	0.935	0.703	ug/L	75.0
09/16/94	G94-09-MW-04	CHGC6A40915120002	NA	0.966	0.740	ug/L	77.0
09/26/94	G94-05-MW-06	CHGC6A40926120001	NA	0.943	0.728	ug/L	77.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	NA	0.971	0.810	ug/L	84.0
09/26/94	G94-09-MW-03	CHGC6A40926120001	NA	1.01	0.799	ug/L	79.0
09/26/94	G94-09-MW-05	CHGC6A40926120001	NA	0.980	0.818	ug/L	83.0
09/26/94	G94-09-MW-06	CHGC6A40926120001	NA	0.971	0.806	ug/L	83.0
09/27/94	G94-06-MW-05	CHGC6A40926120001	NA	1.01	0.822	ug/L	81.0
09/27/94	G94-06-MW-06	CHGC6A40926120001	NA	0.976	0.774	ug/L	79.0
09/27/94	G94-09-MW-01	CHGC6A40926120001	NA	0.952	0.753	ug/L	79.0
09/27/94	G94-09-MW-02	CHGC6A40926120001	NA	0.990	0.851	ug/L	86.0
09/27/94	G94-09-MW-15	CHGC6A40926120001	NA	0.985	0.816	ug/L	83.0
09/27/94	G94-10-MW-03	CHGC6A40926120001	NA	0.943	0.718	ug/L	76.0
10/09/94	G94-05-MW-02	CHGC6A41005120004	NA	1.02	0.927	ug/L	91.0
10/09/94	G94-05-MW-03	CHGC6A41005120004	NA	0.990	0.783	ug/L	79.0
10/09/94	G94-05-MW-04	CHGC6A41005120004	NA	0.962	0.825	ug/L	86.0
10/09/94	G94-05-MW-05	CHGC6A41005120004	NA	0.962	0.674	ug/L	70.0
10/09/94	G94-05-MW-07	CHGC6A41005120004	NA	0.980	0.593	ug/L	60.0
10/09/94	G94-05-MW-11	CHGC6A41005120004	NA	0.980	0.777	ug/L	79.0
10/09/94	G94-05-MW-14	CHGC6A41005120004	NA	0.962	0.803	ug/L	84.0
10/09/94	G94-05-MW-15	CHGC6A41005120004	NA	1.02	0.823	ug/L	81.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	NA	0.980	0.772	ug/L	79.0
10/09/94	G94-13-MW-38	CHGC6A41005120004	NA	1.00	0.816	ug/L	82.0
09/29/94	G94-01-MW-05	CHGC7A40928120002	NA	0.980	0.700	ug/L	71.0
09/30/94	G94-01-MW-01	CHGC7A40928120002	NA	1.00	0.706	ug/L	71.0
09/30/94	G94-01-MW-02	CHGC7A40928120002	NA	0.976	0.825	ug/L	85.0
09/30/94	G94-05-MW-13	CHGC7A40928120002	NA	0.980	0.773	ug/L	79.0
10/13/94	G94-01-MW-06	CHGC7A41012120001	NA	0.943	0.778	ug/L	82.0
10/13/94	G94-01-MW-07	CHGC7A41012120001	NA	0.935	0.797	ug/L	85.0
10/13/94	G94-01-MW-08	CHGC7A41012120001	NA	0.971	0.789	ug/L	81.0
10/13/94	G94-02-GW-04R	CHGC7A41012120001	NA	0.952	0.780	ug/L	82.0
10/13/94	G94-06-MW-01	CHGC7A41012120001	NA	0.990	0.804	ug/L	81.0
10/13/94	G94-06-MW-04	CHGC7A41012120001	NA	0.980	1.04	ug/L	106
10/13/94	G94-06-MW-07	CHGC7A41012120001	NA	0.971	0.867	ug/L	89.0
10/13/94	G94-09-MW-08	CHGC7A41012120001	NA	0.943	0.876	ug/L	93.0
10/13/94	G94-09-MW-12	CHGC7A41012120001	NA	1.00	0.307	ug/L	31.0
10/13/94	G94-10-MW-01	CHGC7A41012120001	NA	0.976	0.847	ug/L	87.0

Number of Samples	: 39	Below acceptance :	0
Mean % Recovery	: 79.8	Above acceptance :	0
Standard Deviation	: 10.8	Acceptance Criteria	20-150

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate							
Type of Spike : Surrogate - Field Duplicate							
09/16/94	G94-06-MW-03-FD	CHGC6A40915120002	NA	0.971	0.898	ug/L	92.0
09/26/94	G94-09-MW-05-FD	CHGC6A40926120001	NA	0.990	0.900	ug/L	91.0
10/09/94	G94-05-MW-02-FD	CHGC6A41005120004	NA	1.00	0.922	ug/L	92.0
10/09/94	G94-13-MW-37-FD	CHGC6A41005120004	NA	0.990	0.984	ug/L	99.0
09/30/94	G94-01-MW-01-FD	CHGC7A40928120002	NA	0.966	0.863	ug/L	89.0

Number of Samples	: 5	Below acceptance :	0
Mean % Recovery	: 92.6	Above acceptance :	0
Standard Deviation	: 3.78	Acceptance Criteria	20-150

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate							
Type of Spike : Surrogate - Laboratory Control							
09/16/94	LCS946201 K	CHGC6A40915120002	NA	1.00	0.977	ug/L	9
09/16/94	LCS946202	CHGC6A40915120002	NA	1.00	0.949	ug/L	95.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	1.00	0.937	ug/L	94.0
09/16/94	LCSD946202	CHGC6A40915120002	NA	1.00	0.936	ug/L	94.0
09/26/94	LCS946304	CHGC6A40926120001	NA	1.00	0.920	ug/L	92.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	1.00	1.08	ug/L	108
09/26/94	LCSD946304	CHGC6A40926120001	NA	1.00	0.967	ug/L	97.0
09/26/94	LCSD946361	CHGC6A40926120001	NA	1.00	1.08	ug/L	108
10/09/94	LCS946526	CHGC6A41005120004	NA	1.00	0.953	ug/L	95.0
10/09/94	LCS946527	CHGC6A41005120004	NA	1.00	0.918	ug/L	92.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	1.00	0.977	ug/L	98.0
10/09/94	LCSD946527	CHGC6A41005120004	NA	1.00	0.947	ug/L	95.0
09/29/94	LCS946397	CHGC7A40928120002	NA	1.00	0.923	ug/L	92.0
09/29/94	LCS946398	CHGC7A40928120002	NA	1.00	0.874	ug/L	87.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	1.00	0.982	ug/L	98.0
09/29/94	LCSD946398	CHGC7A40928120002	NA	1.00	0.916	ug/L	92.0
10/12/94	LCS946423	CHGC7A41012120001	NA	1.00	0.971	ug/L	97.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	1.00	1.03	ug/L	103
10/13/94	LCS946424	CHGC7A41012120001	NA	1.00	0.902	ug/L	90.0
10/13/94	LCSD946424	CHGC7A41012120001	NA	1.00	0.860	ug/L	86.0

Number of Samples	: 20	Below acceptance :	0
Mean % Recovery	: 95.6	Above acceptance :	0
Standard Deviation	: 5.80	Acceptance Criteria	20-150

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate							
Type of Spike : Surrogate - Matrix Spike							
09/16/94	G94-06-MW-03	CHGC6A40915120002	NA	0.971	0.938	ug/L	97.0
09/16/94	G94-06-MW-03	CHGC6A40915120002	NA	0.976	0.956	ug/L	98.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	NA	0.980	0.882	ug/L	90.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	NA	0.980	0.913	ug/L	93.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	NA	0.980	0.895	ug/L	91.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	NA	0.980	1.13	ug/L	116
09/30/94	G94-01-MW-05	CHGC7A40928120002	NA	0.990	0.647	ug/L	65.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	NA	0.980	0.751	ug/L	77.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 90.9			Above acceptance : 0				
Standard Deviation : 15.1			Acceptance Criteria 20-150				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate							
Type of Spike : Surrogate - Method Blank							
09/16/94	BLK943967 B	CHGC6A40915120002	NA	1.00	0.914	ug/L	91.0
09/26/94	BLK94477 BM	CHGC6A40926120001	NA	1.00	0.996	ug/L	100
10/08/94	BLK944213	CHGC6A41005120004	NA	1.00	0.986	ug/L	99.0
09/29/94	BLK944114	CHGC7A40928120002	NA	1.00	0.998	ug/L	100
10/12/94	BLK944136	CHGC7A41012120001	NA	1.00	1.03	ug/L	103
Number of Samples : 5			Below acceptance : 0				
Mean % Recovery : 98.6			Above acceptance : 0				
Standard Deviation : 4.51			Acceptance Criteria 20-150				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate							
Type of Spike : Surrogate - Normal Sample							
09/16/94	G94-02-GW-01	CHGC6A40915120002	NA	0.962	0.927	ug/L	96.0
09/16/94	G94-02-GW-03	CHGC6A40915120002	NA	0.935	0.906	ug/L	97.0

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

Method : SW8080 - Organochlorine Pesticides and PCBs
Spiked Analyte : Dibutylchlorendate
Type of Spike : Surrogate - Normal Sample, cont.

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
09/16/94	G94-06-MW-03	CHGC6A40915120002	NA	0.935	0.839	ug/L	90.0
09/16/94	G94-09-MW-04	CHGC6A40915120002	NA	0.966	0.870	ug/L	90.0
09/26/94	G94-05-MW-06	CHGC6A40926120001	NA	0.943	0.914	ug/L	97.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	NA	0.971	0.886	ug/L	91.0
09/26/94	G94-09-MW-03	CHGC6A40926120001	NA	1.01	0.996	ug/L	99.0
09/26/94	G94-09-MW-05	CHGC6A40926120001	NA	0.980	0.953	ug/L	97.0
09/26/94	G94-09-MW-06	CHGC6A40926120001	NA	0.971	0.977	ug/L	101
09/27/94	G94-06-MW-05	CHGC6A40926120001	NA	1.01	0.900	ug/L	89.0
09/27/94	G94-06-MW-06	CHGC6A40926120001	NA	0.976	0.784	ug/L	80.0
09/27/94	G94-09-MW-01	CHGC6A40926120001	NA	0.952	0.827	ug/L	87.0
09/27/94	G94-09-MW-02	CHGC6A40926120001	NA	0.990	0.947	ug/L	96.0
09/27/94	G94-09-MW-15	CHGC6A40926120001	NA	0.985	0.986	ug/L	100
09/27/94	G94-10-MW-03	CHGC6A40926120001	NA	0.943	0.955	ug/L	101
10/09/94	G94-05-MW-02	CHGC6A41005120004	NA	1.02	1.00	ug/L	98.0
10/09/94	G94-05-MW-03	CHGC6A41005120004	NA	0.990	0.872	ug/L	88.0
10/09/94	G94-05-MW-04	CHGC6A41005120004	NA	0.962	0.425	ug/L	44.0
10/09/94	G94-05-MW-05	CHGC6A41005120004	NA	0.962	0.792	ug/L	82.0
10/09/94	G94-05-MW-07	CHGC6A41005120004	NA	0.980	0.327	ug/L	3
10/09/94	G94-05-MW-11	CHGC6A41005120004	NA	0.980	0.773	ug/L	79
10/09/94	G94-05-MW-14	CHGC6A41005120004	NA	0.962	0.885	ug/L	92.0
10/09/94	G94-05-MW-15	CHGC6A41005120004	NA	1.02	0.871	ug/L	85.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	NA	0.980	0.785	ug/L	80.0
10/09/94	G94-13-MW-38	CHGC6A41005120004	NA	1.00	0.982	ug/L	98.0
09/29/94	G94-01-MW-05	CHGC7A40928120002	NA	0.980	0.597	ug/L	61.0
09/30/94	G94-01-MW-01	CHGC7A40928120002	NA	1.00	0.862	ug/L	86.0
09/30/94	G94-01-MW-02	CHGC7A40928120002	NA	0.976	0.895	ug/L	92.0
09/30/94	G94-05-MW-13	CHGC7A40928120002	NA	0.980	0.785	ug/L	80.0
10/13/94	G94-01-MW-06	CHGC7A41012120001	NA	0.943	0.870	ug/L	92.0
10/13/94	G94-01-MW-07	CHGC7A41012120001	NA	0.935	0.936	ug/L	100
10/13/94	G94-01-MW-08	CHGC7A41012120001	NA	0.971	0.965	ug/L	99.0
10/13/94	G94-02-GW-04R	CHGC7A41012120001	NA	0.952	0.938	ug/L	98.0
10/13/94	G94-06-MW-01	CHGC7A41012120001	NA	0.990	1.00	ug/L	101
10/13/94	G94-06-MW-04	CHGC7A41012120001	NA	0.980	0.805	ug/L	82.0
10/13/94	G94-06-MW-07	CHGC7A41012120001	NA	0.971	1.05	ug/L	108
10/13/94	G94-09-MW-08	CHGC7A41012120001	NA	0.943	0.339	ug/L	36.0
10/13/94	G94-09-MW-12	CHGC7A41012120001	NA	1.00	0.194	ug/L	19.0
10/13/94	G94-10-MW-01	CHGC7A41012120001	NA	0.976	0.861	ug/L	88.0

Number of Samples	: 39	Below acceptance :	1
Mean % Recovery	: 85.4	Above acceptance :	0
Standard Deviation	: 20.2	Acceptance Criteria	20-150

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,1,1-Trichloroethane							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.70	ug/L	100
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.84	ug/L	103
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.89	ug/L	103
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.74	ug/L	116
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.86	ug/L	103
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.25	ug/L	109
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.60	ug/L	114
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.75	ug/L	116
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 108			Above acceptance : 0				
Standard Deviation : 6.59			Acceptance Criteria 58-144				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,1,2,2-Tetrachloroethane							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	7.16	ug/L	107
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.68	ug/L	100
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.98	ug/L	105
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.90	ug/L	103
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	7.13	ug/L	107
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.69	ug/L	115
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.73	ug/L	101
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.25	ug/L	109
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 106			Above acceptance : 0				
Standard Deviation : 4.82			Acceptance Criteria 60-134				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,1,2-Trichloroethane							
Type of Spike : Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,1,2-Trichloroethane							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.45	ug/L	97.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.22	ug/L	93.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.88	ug/L	103
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.92	ug/L	104
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.42	ug/L	96.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.88	ug/L	103
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.52	ug/L	98.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.90	ug/L	103

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 99.6	Above acceptance :	0
Standard Deviation	: 4.14	Acceptance Criteria	68-122

Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,1-Dichloroethane							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.62	ug/L	99.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.78	ug/L	102
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.40	ug/L	96.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.33	ug/L	110
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.47	ug/L	97.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.69	ug/L	100
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.14	ug/L	107
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.03	ug/L	105

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 102	Above acceptance :	0
Standard Deviation	: 4.96	Acceptance Criteria	65-131

Method : SW8260 - Volatile Organic Compounds
Spiked Analyte : 1,1-Dichloroethene
Type of Spike : Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,1-Dichloroethene							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.17	ug/L	93.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.44	ug/L	97.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.63	ug/L	99.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.58	ug/L	114
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.69	ug/L	100
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.96	ug/L	104
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.81	ug/L	117
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.79	ug/L	117
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 105			Above acceptance : 0				
Standard Deviation : 9.55			Acceptance Criteria 51-133				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,1-Dichloroethene							
Type of Spike : Matrix Spike							
09/19/94	G94-06-MW-03	MSMSDB40919082801	ND	16.7	17.2	ug/L	103
09/19/94	G94-06-MW-03	MSMSDB40919082801	ND	16.7	15.4	ug/L	92.0
09/22/94	G94-01-MW-05	MSMSDB40922123601	ND	16.7	15.4	ug/L	92.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	0.240	50.1	45.4	ug/L	90.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	0.240	50.1	44.6	ug/L	89.0
09/23/94	G94-01-MW-05	MSMSDB40922123601	ND	16.7	15.4	ug/L	92.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	ND	16.7	15.2	ug/L	91.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	ND	16.7	15.6	ug/L	93.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 92.8			Above acceptance : 0				
Standard Deviation : 4.33			Acceptance Criteria 51-133				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,2-Dichloroethane							
Type of Spike : Laboratory Control							

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,2-Dichloroethane							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	7.15	ug/L	107
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	7.05	ug/L	106
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	7.19	ug/L	108
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.66	ug/L	115
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	7.22	ug/L	108
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.68	ug/L	115
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.20	ug/L	108
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.60	ug/L	114
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 110			Above acceptance : 0				
Standard Deviation : 3.83			Acceptance Criteria 68-138				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,2-Dichloropropane							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.78	ug/L	102
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.71	ug/L	101
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.75	ug/L	101
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.75	ug/L	101
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.80	ug/L	102
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.05	ug/L	106
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.58	ug/L	99.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.97	ug/L	104
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 102			Above acceptance : 0				
Standard Deviation : 2.14			Acceptance Criteria 77-119				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 2-Butanone(MEK)							
Type of Spike : Laboratory Control							

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 2-Butanone(MEK)							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	33.3	34.5	ug/L	104
09/19/94	LCSD946319	MSMSDB40919082801	NA	33.3	31.6	ug/L	95.0
09/22/94	LCS946339	MSMSDB40922123601	NA	33.3	29.9	ug/L	90.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	33.3	28.4	ug/L	85.0
09/29/94	LCS946478	MSMSDB40929151301	NA	33.3	32.7	ug/L	98.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	33.3	33.8	ug/L	101
09/30/94	LCS946487	MSMSDB40930181401	NA	33.3	29.8	ug/L	89.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	33.3	32.0	ug/L	96.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 94.8			Above acceptance : 0				
Standard Deviation : 6.41			Acceptance Criteria D-160				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 2-Chloroethyl vinyl ether							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	13.3	13.0	ug/L	98.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	13.3	14.7	ug/L	111
09/22/94	LCS946339	MSMSDB40922123601	NA	13.3	12.6	ug/L	95.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	13.3	14.1	ug/L	106
09/29/94	LCS946478	MSMSDB40929151301	NA	13.3	15.7	ug/L	118
09/29/94	LCSD946479	MSMSDB40929151301	NA	13.3	13.5	ug/L	101
09/30/94	LCS946487	MSMSDB40930181401	NA	13.3	14.4	ug/L	109
10/01/94	LCSD946488	MSMSDB40930181401	NA	13.3	15.1	ug/L	113
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 106			Above acceptance : 0				
Standard Deviation : 7.89			Acceptance Criteria NS				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 2-Hexanone							
Type of Spike : Laboratory Control							

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 2-Hexanone							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	33.3	35.1	ug/L	105
09/19/94	LCSD946319	MSMSDB40919082801	NA	33.3	32.7	ug/L	98.0
09/22/94	LCS946339	MSMSDB40922123601	NA	33.3	30.9	ug/L	93.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	33.3	30.0	ug/L	90.0
09/29/94	LCS946478	MSMSDB40929151301	NA	33.3	34.0	ug/L	102
09/29/94	LCSD946479	MSMSDB40929151301	NA	33.3	34.4	ug/L	103
09/30/94	LCS946487	MSMSDB40930181401	NA	33.3	28.3	ug/L	85.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	33.3	30.6	ug/L	92.0

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 96.0	Above acceptance :	0
Standard Deviation	: 7.09	Acceptance Criteria	58-140

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 4-Methyl-2-Pentanone(MIBK)							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	33.3	39.2	ug/L	118
09/19/94	LCSD946319	MSMSDB40919082801	NA	33.3	37.0	ug/L	111
09/22/94	LCS946339	MSMSDB40922123601	NA	33.3	37.6	ug/L	113
09/22/94	LCSD946340	MSMSDB40922123601	NA	33.3	36.1	ug/L	108
09/29/94	LCS946478	MSMSDB40929151301	NA	33.3	40.7	ug/L	122
09/29/94	LCSD946479	MSMSDB40929151301	NA	33.3	43.0	ug/L	129
09/30/94	LCS946487	MSMSDB40930181401	NA	33.3	34.6	ug/L	104
10/01/94	LCSD946488	MSMSDB40930181401	NA	33.3	37.6	ug/L	113

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 115	Above acceptance :	0
Standard Deviation	: 8.00	Acceptance Criteria	58-142

Method : SW8260 - Volatile Organic Compounds
Spiked Analyte : Acetone
Type of Spike : Laboratory Control

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Acetone							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	33.3	23.8	ug/L	71.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	33.3	22.4	ug/L	67.0
09/22/94	LCS946339	MSMSDB40922123601	NA	33.3	22.1	ug/L	66.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	33.3	20.4	ug/L	61.0
09/29/94	LCS946478	MSMSDB40929151301	NA	33.3	26.4	ug/L	79.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	33.3	25.4	ug/L	76.0
09/30/94	LCS946487	MSMSDB40930181401	NA	33.3	21.2	ug/L	64.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	33.3	22.4	ug/L	67.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 68.9			Above acceptance : 0				
Standard Deviation : 6.08			Acceptance Criteria 3-127				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Benzene							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	7.11	ug/L	107
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	7.15	ug/L	107
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	7.11	ug/L	107
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.33	ug/L	110
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	7.25	ug/L	109
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.52	ug/L	113
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.36	ug/L	110
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.69	ug/L	115
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 110			Above acceptance : 0				
Standard Deviation : 2.96			Acceptance Criteria 74-132				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Benzene							
Type of Spike : Matrix Spike							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Benzene							
Type of Spike : Matrix Spike, cont.							
09/19/94	G94-06-MW-03	MSMSDB40919082801	0.330	16.7	18.4	ug/L	108
09/19/94	G94-06-MW-03	MSMSDB40919082801	0.330	16.7	17.5	ug/L	103
09/22/94	G94-01-MW-05	MSMSDB40922123601	0.0400	16.7	16.5	ug/L	99.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	0.150	50.1	52.0	ug/L	103
09/22/94	G94-06-MW-02	MSMSDB40922123601	0.150	50.1	52.5	ug/L	104
09/23/94	G94-01-MW-05	MSMSDB40922123601	0.0400	16.7	16.7	ug/L	100
09/29/94	G94-13-MW-37	MSMSDB40929151301	0.0500	16.7	17.0	ug/L	102
09/29/94	G94-13-MW-37	MSMSDB40929151301	0.0500	16.7	16.0	ug/L	95.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 102			Above acceptance : 0				
Standard Deviation : 3.85			Acceptance Criteria 74-132				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Bromodichloromethane							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.56	ug/L	98.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.54	ug/L	98.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	7.07	ug/L	106
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.99	ug/L	105
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	7.43	ug/L	111
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.70	ug/L	115
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.87	ug/L	103
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.36	ug/L	110
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 106			Above acceptance : 0				
Standard Deviation : 6.09			Acceptance Criteria 64-132				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Bromoform							
Type of Spike : Laboratory Control							

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NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Bromoform							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.70	ug/L	100
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.37	ug/L	96.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.43	ug/L	96.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.41	ug/L	96.0
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.40	ug/L	96.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.86	ug/L	103
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.37	ug/L	96.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.57	ug/L	98.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 97.6			Above acceptance : 0				
Standard Deviation : 2.62			Acceptance Criteria 41-135				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Bromomethane							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	5.59	ug/L	84.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	5.62	ug/L	84.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	5.81	ug/L	87.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.43	ug/L	96.0
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	5.12	ug/L	77.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	5.26	ug/L	79.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.10	ug/L	91.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.14	ug/L	92.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 86.3			Above acceptance : 0				
Standard Deviation : 6.54			Acceptance Criteria 46-152				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Carbon disulfide							
Type of Spike : Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Carbon disulfide							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	7.90	ug/L	118
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	8.22	ug/L	123
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	7.69	ug/L	115
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	8.41	ug/L	126
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.87	ug/L	103
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.16	ug/L	107
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.95	ug/L	119
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.95	ug/L	119

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 116	Above acceptance :	0
Standard Deviation	: 7.76	Acceptance Criteria	29-223

Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Carbon tetrachloride							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	5.99	ug/L	90.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.14	ug/L	92.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	7.23	ug/L	108
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.46	ug/L	112
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	7.07	ug/L	106
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.43	ug/L	111
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.75	ug/L	101
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.33	ug/L	110

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 104	Above acceptance :	0
Standard Deviation	: 8.60	Acceptance Criteria	53-167

Method : SW8260 - Volatile Organic Compounds
Spiked Analyte : Chlorobenzene
Type of Spike : Laboratory Control

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Chlorobenzene							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.20	ug/L	93.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.15	ug/L	92.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.36	ug/L	95.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.63	ug/L	99.0
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	5.93	ug/L	89.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.35	ug/L	95.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.56	ug/L	98.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.73	ug/L	101
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 95.3			Above acceptance : 0				
Standard Deviation : 3.96			Acceptance Criteria 73-119				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Chlorobenzene							
Type of Spike : Matrix Spike							
09/19/94	G94-06-MW-03	MSMSDB40919082801	ND	16.7	16.0	ug/L	96.0
09/19/94	G94-06-MW-03	MSMSDB40919082801	ND	16.7	17.1	ug/L	102
09/22/94	G94-01-MW-05	MSMSDB40922123601	ND	16.7	16.4	ug/L	98.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	ND	50.1	50.0	ug/L	100
09/22/94	G94-06-MW-02	MSMSDB40922123601	ND	50.1	50.4	ug/L	101
09/23/94	G94-01-MW-05	MSMSDB40922123601	ND	16.7	16.6	ug/L	100
09/29/94	G94-13-MW-37	MSMSDB40929151301	ND	16.7	16.4	ug/L	98.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	ND	16.7	17.3	ug/L	104
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 99.9			Above acceptance : 0				
Standard Deviation : 2.53			Acceptance Criteria 73-119				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Chloroethane							
Type of Spike : Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Chloroethane							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	7.16	ug/L	107
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	7.86	ug/L	118
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	7.59	ug/L	114
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	8.88	ug/L	133
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.42	ug/L	96.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.73	ug/L	101
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	8.20	ug/L	123
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	8.23	ug/L	123

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 114	Above acceptance :	0
Standard Deviation	: 12.4	Acceptance Criteria	50-154

Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Chloroform							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.17	ug/L	93.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.35	ug/L	95.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.56	ug/L	98.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.22	ug/L	108
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.57	ug/L	98.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.92	ug/L	104
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.97	ug/L	104
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.22	ug/L	108

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 101	Above acceptance :	0
Standard Deviation	: 5.78	Acceptance Criteria	64-130

Method : SW8260 - Volatile Organic Compounds
Spiked Analyte : Chloromethane
Type of Spike : Laboratory Control

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Chloromethane							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	5.03	ug/L	75.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	5.02	ug/L	75.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	5.62	ug/L	84.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.13	ug/L	92.0
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	4.84	ug/L	73.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	4.97	ug/L	75.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	5.49	ug/L	82.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	5.53	ug/L	83.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 79.9			Above acceptance : 0				
Standard Deviation : 6.51			Acceptance Criteria 39-135				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Dibromochloromethane							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.35	ug/L	95.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.15	ug/L	92.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.54	ug/L	98.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.57	ug/L	98.0
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.22	ug/L	93.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.74	ug/L	101
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.30	ug/L	94.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.52	ug/L	98.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 96.1			Above acceptance : 0				
Standard Deviation : 3.09			Acceptance Criteria 60-122				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Ethyl benzene							
Type of Spike : Laboratory Control							

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Ethyl benzene							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.51	ug/L	98.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.54	ug/L	98.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.24	ug/L	94.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.74	ug/L	101
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	5.83	ug/L	87.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.08	ug/L	91.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.67	ug/L	100
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.66	ug/L	100
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 96.1			Above acceptance : 0				
Standard Deviation : 5.00			Acceptance Criteria 72-130				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Meta-&Para-Xylene							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	13.3	13.0	ug/L	97.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	13.3	13.4	ug/L	101
09/22/94	LCS946339	MSMSDB40922123601	NA	13.3	13.3	ug/L	100
09/22/94	LCSD946340	MSMSDB40922123601	NA	13.3	14.4	ug/L	108
09/29/94	LCS946478	MSMSDB40929151301	NA	13.3	12.2	ug/L	92.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	13.3	12.9	ug/L	97.0
09/30/94	LCS946487	MSMSDB40930181401	NA	13.3	13.8	ug/L	104
10/01/94	LCSD946488	MSMSDB40930181401	NA	13.3	13.8	ug/L	104
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 100			Above acceptance : 0				
Standard Deviation : 5.04			Acceptance Criteria 74-128				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Methylene Chloride							
Type of Spike : Laboratory Control							

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Methylene Chloride							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	7.52	ug/L	113
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	7.35	ug/L	110
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.80	ug/L	102
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.35	ug/L	110
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	7.59	ug/L	114
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	8.16	ug/L	122
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	8.21	ug/L	123
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	8.75	ug/L	131
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 116			Above acceptance : 0				
Standard Deviation : 9.18			Acceptance Criteria 49-151				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Ortho-Xylene							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.58	ug/L	99.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.61	ug/L	99.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.76	ug/L	101
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.11	ug/L	107
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.28	ug/L	94.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.59	ug/L	99.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.91	ug/L	104
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.02	ug/L	105
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 101			Above acceptance : 0				
Standard Deviation : 4.17			Acceptance Criteria 79-125				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Styrene							
Type of Spike : Laboratory Control							

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Styrene							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.60	ug/L	99.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.61	ug/L	99.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.63	ug/L	99.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.74	ug/L	101
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.27	ug/L	94.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.59	ug/L	99.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.97	ug/L	104
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.83	ug/L	102
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 99.6			Above acceptance : 0				
Standard Deviation : 2.92			Acceptance Criteria 73-131				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Tetrachloroethene							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.09	ug/L	91.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.38	ug/L	96.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.21	ug/L	93.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.71	ug/L	101
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	5.59	ug/L	84.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.00	ug/L	90.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.64	ug/L	100
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.61	ug/L	99.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 94.3			Above acceptance : 0				
Standard Deviation : 5.85			Acceptance Criteria 62-124				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Toluene							
Type of Spike : Laboratory Control							

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Toluene							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.89	ug/L	103
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.80	ug/L	102
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.83	ug/L	102
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.08	ug/L	106
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.85	ug/L	103
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.03	ug/L	105
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.01	ug/L	105
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.16	ug/L	107
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 104			Above acceptance : 0				
Standard Deviation : 1.89			Acceptance Criteria 81-121				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Toluene							
Type of Spike : Matrix Spike							
09/19/94	G94-06-MW-03	MSMSDB40919082801	ND	16.7	17.6	ug/L	105
09/19/94	G94-06-MW-03	MSMSDB40919082801	ND	16.7	16.6	ug/L	100
09/22/94	G94-01-MW-05	MSMSDB40922123601	ND	16.7	16.5	ug/L	99.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	0.0900	50.1	49.8	ug/L	99.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	0.0900	50.1	50.7	ug/L	101
09/23/94	G94-01-MW-05	MSMSDB40922123601	ND	16.7	16.4	ug/L	98.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	0.130	16.7	15.5	ug/L	92.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	0.130	16.7	16.4	ug/L	97.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 98.9			Above acceptance : 0				
Standard Deviation : 3.68			Acceptance Criteria 81-121				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Trichloroethene							
Type of Spike : Laboratory Control							

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NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Trichloroethene							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.12	ug/L	92.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.26	ug/L	94.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.41	ug/L	96.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.79	ug/L	102
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.19	ug/L	93.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.51	ug/L	98.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.75	ug/L	101
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.87	ug/L	103

Number of Samples : 8 — Below acceptance : 0
Mean % Recovery : 97.4 — Above acceptance : 0
Standard Deviation : 4.27 — Acceptance Criteria 73-117

Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Trichloroethene							
Type of Spike : Matrix Spike							
09/19/94	G94-06-MW-03	MSMSDB40919082801	ND	16.7	15.8	ug/L	95.0
09/19/94	G94-06-MW-03	MSMSDB40919082801	ND	16.7	17.0	ug/L	102
09/22/94	G94-01-MW-05	MSMSDB40922123601	ND	16.7	16.1	ug/L	96.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	77.7	50.1	128	ug/L	100
09/22/94	G94-06-MW-02	MSMSDB40922123601	77.7	50.1	123	ug/L	90.0
09/23/94	G94-01-MW-05	MSMSDB40922123601	ND	16.7	16.0	ug/L	96.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	0.330	16.7	16.2	ug/L	95.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	0.330	16.7	17.1	ug/L	100

Number of Samples : 8 — Below acceptance : 0
Mean % Recovery : 96.8 — Above acceptance : 0
Standard Deviation : 3.81 — Acceptance Criteria 73-117

Method : SW8260 - Volatile Organic Compounds
Spiked Analyte : Trichlorofluoromethane
Type of Spike : Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Trichlorofluoromethane							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	4.66	ug/L	70.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	5.17	ug/L	78.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.37	ug/L	96.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.32	ug/L	110
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.29	ug/L	94.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.51	ug/L	98.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.99	ug/L	105
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.93	ug/L	104
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 94.4			Above acceptance : 0				
Standard Deviation : 13.8			Acceptance Criteria 50-142				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Vinyl Chloride							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	5.05	ug/L	76.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	5.34	ug/L	80.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	5.38	ug/L	81.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.15	ug/L	92.0
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	4.63	ug/L	69.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	4.88	ug/L	73.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	5.49	ug/L	82.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	5.70	ug/L	85.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 79.8			Above acceptance : 0				
Standard Deviation : 7.17			Acceptance Criteria 27-161				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Vinyl acetate							
Type of Spike : Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Vinyl acetate							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	7.76	ug/L	116
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	7.18	ug/L	108
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.87	ug/L	103
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.89	ug/L	103
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.80	ug/L	102
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.26	ug/L	109
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.20	ug/L	108
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.13	ug/L	107

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 107	Above acceptance :	0
Standard Deviation	: 4.54	Acceptance Criteria	35-199

Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : cis-1,3-Dichloropropene							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.80	ug/L	102
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.44	ug/L	97.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.86	ug/L	103
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.79	ug/L	102
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	7.31	ug/L	110
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.42	ug/L	111
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.68	ug/L	100
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.10	ug/L	106

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 104	Above acceptance :	0
Standard Deviation	: 4.82	Acceptance Criteria	75-131

Method : SW8260 - Volatile Organic Compounds
Spiked Analyte : trans-1,2-Dichloroethene
Type of Spike : Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : trans-1,2-Dichloroethene							
Type of Spike : Laboratory Control, cont.							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.92	ug/L	104
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	7.09	ug/L	106
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.59	ug/L	99.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.34	ug/L	110
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.59	ug/L	99.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.79	ug/L	102
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.77	ug/L	116
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.55	ug/L	113
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 106			Above acceptance : 0				
Standard Deviation : 6.36			Acceptance Criteria 58-144				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : trans-1,3-Dichloropropene							
Type of Spike : Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.85	ug/L	103
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.65	ug/L	100
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.74	ug/L	101
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.57	ug/L	98.0
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.90	ug/L	103
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.19	ug/L	108
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.88	ug/L	103
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.21	ug/L	108
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 103			Above acceptance : 0				
Standard Deviation : 3.55			Acceptance Criteria 64-132				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,2-Dichloroethane-d4							
Type of Spike : Surrogate - Ambient Blank							

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NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,2-Dichloroethane-d4							
Type of Spike : Surrogate - Ambient Blank, cont.							
09/19/94	G94-AB-01	MSMSDB40919082801	NA	16.7	16.7	ug/L	100
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 100			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 83-121				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,2-Dichloroethane-d4							
Type of Spike : Surrogate - Field Duplicate							
09/19/94	G94-06-MW-03-FD	MSMSDB40919082801	NA	16.7	18.3	ug/L	110
09/19/94	G94-09-MW-05-FD	MSMSDB40919082801	NA	16.7	18.2	ug/L	109
09/23/94	G94-01-MW-01-FD	MSMSDB40922123601	NA	16.7	18.6	ug/L	111
09/29/94	G94-05-MW-02-FD	MSMSDB40929151301	NA	16.7	17.7	ug/L	106
09/30/94	G94-13-MW-37-FD	MSMSDB40929151301	NA	16.7	17.7	ug/L	[illegible]
Number of Samples : 5			Below acceptance : 0				
Mean % Recovery : 108			Above acceptance : 0				
Standard Deviation : 2.30			Acceptance Criteria 83-121				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,2-Dichloroethane-d4							
Type of Spike : Surrogate - Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	16.7	17.2	ug/L	103
09/19/94	LCSD946319	MSMSDB40919082801	NA	16.7	17.4	ug/L	104
09/22/94	LCS946339	MSMSDB40922123601	NA	16.7	17.8	ug/L	106
09/22/94	LCSD946340	MSMSDB40922123601	NA	16.7	18.1	ug/L	109
09/29/94	LCS946478	MSMSDB40929151301	NA	16.7	18.7	ug/L	112
09/29/94	LCSD946479	MSMSDB40929151301	NA	16.7	18.5	ug/L	111
09/30/94	LCS946487	MSMSDB40930181401	NA	16.7	17.5	ug/L	105
10/01/94	LCSD946488	MSMSDB40930181401	NA	16.7	18.2	ug/L	109
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 107			Above acceptance : 0				
Standard Deviation : 3.34			Acceptance Criteria 83-121				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,2-Dichloroethane-d4							
Type of Spike : Surrogate - Matrix Spike							
09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	17.9	ug/L	107
09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	18.4	ug/L	110
09/22/94	G94-01-MW-05	MSMSDB40922123601	NA	16.7	18.3	ug/L	110
09/22/94	G94-06-MW-02	MSMSDB40922123601	NA	50.1	56.0	ug/L	112
09/22/94	G94-06-MW-02	MSMSDB40922123601	NA	50.1	47.9	ug/L	96.0
09/23/94	G94-01-MW-05	MSMSDB40922123601	NA	16.7	18.3	ug/L	110
09/29/94	G94-13-MW-37	MSMSDB40929151301	NA	16.7	17.4	ug/L	104
09/29/94	G94-13-MW-37	MSMSDB40929151301	NA	16.7	17.6	ug/L	106
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 107			Above acceptance : 0				
Standard Deviation : 5.11			Acceptance Criteria 83-121				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,2-Dichloroethane-d4							
Type of Spike : Surrogate - Method Blank							
09/19/94	BLK944042	MSMSDB40919082801	NA	16.7	17.6	ug/L	106
09/22/94	BLK944050	MSMSDB40922123601	NA	16.7	18.7	ug/L	112
09/29/94	BLK944060	MSMSDB40929151301	NA	16.7	18.2	ug/L	109
09/30/94	BLK944065	MSMSDB40930181401	NA	16.7	17.6	ug/L	106
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 108			Above acceptance : 0				
Standard Deviation : 2.87			Acceptance Criteria 83-121				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,2-Dichloroethane-d4							
Type of Spike : Surrogate - Normal Sample							
09/19/94	G94-02-GW-01	MSMSDB40919082801	NA	16.7	18.1	ug/L	108
09/19/94	G94-02-GW-03	MSMSDB40919082801	NA	16.7	18.6	ug/L	111
09/19/94	G94-02-GW-04	MSMSDB40919082801	NA	16.7	18.4	ug/L	110

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

Method : SW8260 - Volatile Organic Compounds
Spiked Analyte : 1,2-Dichloroethane-d4
Type of Spike : Surrogate - Normal Sample, cont.

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	17.8	ug/L	107
09/19/94	G94-09-MW-03	MSMSDB40919082801	NA	16.7	18.1	ug/L	109
09/19/94	G94-09-MW-04	MSMSDB40919082801	NA	16.7	18.5	ug/L	111
09/19/94	G94-09-MW-05	MSMSDB40919082801	NA	16.7	18.5	ug/L	111
09/19/94	G94-09-MW-06	MSMSDB40919082801	NA	16.7	18.6	ug/L	111
09/19/94	G94-09-MW-15	MSMSDB40919082801	NA	16.7	18.4	ug/L	110
09/22/94	G94-01-MW-05	MSMSDB40922123601	NA	16.7	18.2	ug/L	109
09/22/94	G94-05-MW-06	MSMSDB40922123601	NA	16.7	19.1	ug/L	114
09/22/94	G94-06-MW-02	MSMSDB40922123601	NA	16.7	18.2	ug/L	109
09/22/94	G94-06-MW-05	MSMSDB40922123601	NA	16.7	18.0	ug/L	108
09/22/94	G94-06-MW-06	MSMSDB40922123601	NA	16.7	17.9	ug/L	107
09/22/94	G94-09-MW-01	MSMSDB40922123601	NA	16.7	18.8	ug/L	113
09/22/94	G94-09-MW-02	MSMSDB40922123601	NA	16.7	19.4	ug/L	116
09/22/94	G94-10-MW-03	MSMSDB40922123601	NA	16.7	18.0	ug/L	108
09/23/94	G94-01-MW-01	MSMSDB40922123601	NA	16.7	18.5	ug/L	111
09/23/94	G94-01-MW-02	MSMSDB40922123601	NA	16.7	18.4	ug/L	110
09/23/94	G94-01-MW-06	MSMSDB40922123601	NA	16.7	18.9	ug/L	113
09/23/94	G94-01-MW-07	MSMSDB40922123601	NA	16.7	18.9	ug/L	[illegible]
09/23/94	G94-01-MW-08	MSMSDB40922123601	NA	16.7	18.6	ug/L	[illegible]
09/23/94	G94-05-MW-13	MSMSDB40922123601	NA	16.7	19.0	ug/L	114
09/23/94	G94-06-MW-07	MSMSDB40922123601	NA	16.7	18.9	ug/L	113
09/23/94	G94-10-MW-01	MSMSDB40922123601	NA	16.7	19.0	ug/L	114
09/29/94	G94-05-MW-03	MSMSDB40929151301	NA	16.7	18.3	ug/L	110
09/29/94	G94-05-MW-05	MSMSDB40929151301	NA	250	272	ug/L	108
09/29/94	G94-06-MW-01	MSMSDB40929151301	NA	16.7	18.6	ug/L	111
09/29/94	G94-06-MW-04	MSMSDB40929151301	NA	16.7	18.6	ug/L	112
09/29/94	G94-13-MW-37	MSMSDB40929151301	NA	16.7	17.6	ug/L	105
09/30/94	G94-05-MW-02	MSMSDB40929151301	NA	16.7	17.6	ug/L	105
09/30/94	G94-05-MW-04	MSMSDB40929151301	NA	4180	4450	ug/L	107
09/30/94	G94-05-MW-07	MSMSDB40929151301	NA	250	273	ug/L	109
09/30/94	G94-05-MW-11	MSMSDB40929151301	NA	16.7	17.9	ug/L	107
09/30/94	G94-05-MW-14	MSMSDB40929151301	NA	16.7	17.6	ug/L	106
09/30/94	G94-05-MW-15	MSMSDB40929151301	NA	16.7	17.6	ug/L	105
09/30/94	G94-09-MW-08	MSMSDB40929151301	NA	5010	5430 (Z)	ug/L	108
09/30/94	G94-09-MW-12	MSMSDB40929151301	NA	1670	1790 (Z)	ug/L	107
09/30/94	G94-13-MW-38	MSMSDB40929151301	NA	16.7	18.3	ug/L	109

Number of Samples	: 39	Below acceptance :	0
Mean % Recovery	: 110	Above acceptance :	0
Standard Deviation	: 2.78	Acceptance Criteria	83-121

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,2-Dichloroethane-d4							
Type of Spike : Surrogate - Trip Blank							
09/19/94	G94-TB-01	MSMSDB40919082801	NA	16.7	17.7	ug/L	106
09/22/94	G94-TB-02	MSMSDB40922123601	NA	16.7	18.5	ug/L	111
09/22/94	G94-TB-03	MSMSDB40922123601	NA	16.7	19.2	ug/L	115
09/23/94	G94-TB-04	MSMSDB40922123601	NA	16.7	18.3	ug/L	110
09/29/94	G94-TB-05	MSMSDB40929151301	NA	16.7	18.2	ug/L	109
09/29/94	G94-TB-07	MSMSDB40929151301	NA	16.7	19.0	ug/L	114
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 111			Above acceptance : 0				
Standard Deviation : 3.31			Acceptance Criteria 83-121				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,4-Bromofluorobenzene							
Type of Spike : Surrogate - Ambient Blank							
09/19/94	G94-AB-01	MSMSDB40919082801	NA	16.7	14.8	ug/L	88.0
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 88.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 84-116				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,4-Bromofluorobenzene							
Type of Spike : Surrogate - Field Duplicate							
09/19/94	G94-06-MW-03-FD	MSMSDB40919082801	NA	16.7	15.7	ug/L	94.0
09/19/94	G94-09-MW-05-FD	MSMSDB40919082801	NA	16.7	15.9	ug/L	95.0
09/23/94	G94-01-MW-01-FD	MSMSDB40922123601	NA	16.7	16.1	ug/L	97.0
09/29/94	G94-05-MW-02-FD	MSMSDB40929151301	NA	16.7	16.1	ug/L	96.0
09/30/94	G94-13-MW-37-FD	MSMSDB40929151301	NA	16.7	15.2	ug/L	91.0
Number of Samples : 5			Below acceptance : 0				
Mean % Recovery : 94.6			Above acceptance : 0				
Standard Deviation : 2.30			Acceptance Criteria 84-116				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,4-Bromofluorobenzene							
Type of Spike : Surrogate - Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	16.7	16.4	ug/L	98.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	16.7	16.2	ug/L	97.0
09/22/94	LCS946339	MSMSDB40922123601	NA	16.7	16.1	ug/L	96.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	16.7	16.4	ug/L	98.0
09/29/94	LCS946478	MSMSDB40929151301	NA	16.7	16.1	ug/L	97.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	16.7	16.3	ug/L	98.0
09/30/94	LCS946487	MSMSDB40930181401	NA	16.7	16.0	ug/L	96.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	16.7	16.0	ug/L	96.0

Number of Samples : 8 — Below acceptance : 0
Mean % Recovery : 97.0 — Above acceptance : 0
Standard Deviation : 0.926 — Acceptance Criteria 84-116

Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,4-Bromofluorobenzene							
Type of Spike : Surrogate - Matrix Spike							
09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	15.9	ug/L	95.0
09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	15.6	ug/L	93.0
09/22/94	G94-01-MW-05	MSMSDB40922123601	NA	16.7	16.1	ug/L	96.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	NA	50.1	45.6	ug/L	91.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	NA	50.1	46.6	ug/L	93.0
09/23/94	G94-01-MW-05	MSMSDB40922123601	NA	16.7	15.9	ug/L	95.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	NA	16.7	16.0	ug/L	96.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	NA	16.7	15.8	ug/L	94.0

Number of Samples : 8 — Below acceptance : 0
Mean % Recovery : 94.1 — Above acceptance : 0
Standard Deviation : 1.73 — Acceptance Criteria 84-116

Method : SW8260 - Volatile Organic Compounds
Spiked Analyte : 1,4-Bromofluorobenzene
Type of Spike : Surrogate - Method Blank

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,4-Bromofluorobenzene							
Type of Spike : Surrogate - Method Blank, cont.							
09/19/94	BLK944042	MSMSDB40919082801	NA	16.7	16.0	ug/L	96.0
09/22/94	BLK944050	MSMSDB40922123601	NA	16.7	15.7	ug/L	94.0
09/29/94	BLK944060	MSMSDB40929151301	NA	16.7	14.7	ug/L	88.0
09/30/94	BLK944065	MSMSDB40930181401	NA	16.7	15.7	ug/L	94.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 93.0	Above acceptance :	0
Standard Deviation	: 3.46	Acceptance Criteria	84-116

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,4-Bromofluorobenzene							
Type of Spike : Surrogate - Normal Sample							
09/19/94	G94-02-GW-01	MSMSDB40919082801	NA	16.7	15.7	ug/L	94.0
09/19/94	G94-02-GW-03	MSMSDB40919082801	NA	16.7	15.5	ug/L	93.0
09/19/94	G94-02-GW-04	MSMSDB40919082801	NA	16.7	15.7	ug/L	94.0
09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	15.5	ug/L	93.0
09/19/94	G94-09-MW-03	MSMSDB40919082801	NA	16.7	15.8	ug/L	95.0
09/19/94	G94-09-MW-04	MSMSDB40919082801	NA	16.7	16.0	ug/L	96.0
09/19/94	G94-09-MW-05	MSMSDB40919082801	NA	16.7	16.2	ug/L	97.0
09/19/94	G94-09-MW-06	MSMSDB40919082801	NA	16.7	16.1	ug/L	97.0
09/19/94	G94-09-MW-15	MSMSDB40919082801	NA	16.7	15.6	ug/L	93.0
09/22/94	G94-01-MW-05	MSMSDB40922123601	NA	16.7	15.7	ug/L	94.0
09/22/94	G94-05-MW-06	MSMSDB40922123601	NA	16.7	15.6	ug/L	94.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	NA	16.7	14.7	ug/L	88.0
09/22/94	G94-06-MW-05	MSMSDB40922123601	NA	16.7	16.5	ug/L	99.0
09/22/94	G94-06-MW-06	MSMSDB40922123601	NA	16.7	16.2	ug/L	97.0
09/22/94	G94-09-MW-01	MSMSDB40922123601	NA	16.7	16.1	ug/L	96.0
09/22/94	G94-09-MW-02	MSMSDB40922123601	NA	16.7	15.6	ug/L	93.0
09/22/94	G94-10-MW-03	MSMSDB40922123601	NA	16.7	16.8	ug/L	100
09/23/94	G94-01-MW-01	MSMSDB40922123601	NA	16.7	16.1	ug/L	96.0
09/23/94	G94-01-MW-02	MSMSDB40922123601	NA	16.7	15.8	ug/L	95.0
09/23/94	G94-01-MW-06	MSMSDB40922123601	NA	16.7	15.8	ug/L	95.0
09/23/94	G94-01-MW-07	MSMSDB40922123601	NA	16.7	15.2	ug/L	91.0
09/23/94	G94-01-MW-08	MSMSDB40922123601	NA	16.7	15.5	ug/L	93.0
09/23/94	G94-05-MW-13	MSMSDB40922123601	NA	16.7	15.8	ug/L	94.0

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,4-Bromofluorobenzene							
Type of Spike : Surrogate - Normal Sample, cont.							
09/23/94	G94-06-MW-07	MSMSDB40922123601	NA	16.7	15.5	ug/L	93.0
09/23/94	G94-10-MW-01	MSMSDB40922123601	NA	16.7	15.6	ug/L	93.0
09/29/94	G94-05-MW-03	MSMSDB40929151301	NA	16.7	16.7	ug/L	100
09/29/94	G94-05-MW-05	MSMSDB40929151301	NA	250	250	ug/L	100
09/29/94	G94-06-MW-01	MSMSDB40929151301	NA	16.7	14.9	ug/L	89.0
09/29/94	G94-06-MW-04	MSMSDB40929151301	NA	16.7	17.3	ug/L	104
09/29/94	G94-13-MW-37	MSMSDB40929151301	NA	16.7	15.7	ug/L	94.0
09/30/94	G94-05-MW-02	MSMSDB40929151301	NA	16.7	15.3	ug/L	92.0
09/30/94	G94-05-MW-04	MSMSDB40929151301	NA	4180	3860	ug/L	92.0
09/30/94	G94-05-MW-07	MSMSDB40929151301	NA	250	245	ug/L	98.0
09/30/94	G94-05-MW-11	MSMSDB40929151301	NA	16.7	16.5	ug/L	99.0
09/30/94	G94-05-MW-14	MSMSDB40929151301	NA	16.7	15.9	ug/L	95.0
09/30/94	G94-05-MW-15	MSMSDB40929151301	NA	16.7	15.4	ug/L	92.0
09/30/94	G94-09-MW-08	MSMSDB40929151301	NA	5010	4980 (Z)	ug/L	99.0
09/30/94	G94-09-MW-12	MSMSDB40929151301	NA	1670	1640 (Z)	ug/L	98.0
09/30/94	G94-13-MW-38	MSMSDB40929151301	NA	16.7	15.5	ug/L	93.0

Number of Samples	: 39	Below acceptance :	0
Mean % Recovery	: 95.1	Above acceptance :	0
Standard Deviation	: 3.26	Acceptance Criteria	84-116

Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : 1,4-Bromofluorobenzene							
Type of Spike : Surrogate - Trip Blank							
09/19/94	G94-TB-01	MSMSDB40919082801	NA	16.7	15.8	ug/L	95.0
09/22/94	G94-TB-02	MSMSDB40922123601	NA	16.7	15.6	ug/L	94.0
09/22/94	G94-TB-03	MSMSDB40922123601	NA	16.7	15.7	ug/L	94.0
09/23/94	G94-TB-04	MSMSDB40922123601	NA	16.7	15.8	ug/L	95.0
09/29/94	G94-TB-05	MSMSDB40929151301	NA	16.7	14.8	ug/L	88.0
09/29/94	G94-TB-07	MSMSDB40929151301	NA	16.7	14.8	ug/L	89.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 92.5	Above acceptance :	0
Standard Deviation	: 3.15	Acceptance Criteria	84-116

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Toluene-d8							
Type of Spike : Surrogate - Ambient Blank							
09/19/94	G94-AB-01	MSMSDB40919082801	NA	16.7	16.2	ug/L	97.0
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 97.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 81-115				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Toluene-d8							
Type of Spike : Surrogate - Field Duplicate							
09/19/94	G94-06-MW-03-FD	MSMSDB40919082801	NA	16.7	16.9	ug/L	101
09/19/94	G94-09-MW-05-FD	MSMSDB40919082801	NA	16.7	16.8	ug/L	101
09/23/94	G94-01-MW-01-FD	MSMSDB40922123601	NA	16.7	16.7	ug/L	100
09/29/94	G94-05-MW-02-FD	MSMSDB40929151301	NA	16.7	16.8	ug/L	100
09/30/94	G94-13-MW-37-FD	MSMSDB40929151301	NA	16.7	16.6	ug/L	100
Number of Samples : 5			Below acceptance : 0				
Mean % Recovery : 100			Above acceptance : 0				
Standard Deviation : 0.548			Acceptance Criteria 81-115				
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Toluene-d8							
Type of Spike : Surrogate - Laboratory Control							
09/19/94	LCS946318	MSMSDB40919082801	NA	16.7	16.9	ug/L	101
09/19/94	LCSD946319	MSMSDB40919082801	NA	16.7	16.7	ug/L	100
09/22/94	LCS946339	MSMSDB40922123601	NA	16.7	16.9	ug/L	101
09/22/94	LCSD946340	MSMSDB40922123601	NA	16.7	16.8	ug/L	100
09/29/94	LCS946478	MSMSDB40929151301	NA	16.7	17.2	ug/L	103
09/29/94	LCSD946479	MSMSDB40929151301	NA	16.7	17.3	ug/L	104
09/30/94	LCS946487	MSMSDB40930181401	NA	16.7	16.8	ug/L	101
10/01/94	LCSD946488	MSMSDB40930181401	NA	16.7	17.1	ug/L	102
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 102			Above acceptance : 0				
Standard Deviation : 1.41			Acceptance Criteria 81-115				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Toluene-d8							
Type of Spike : Surrogate - Matrix Spike							
09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	16.9	ug/L	101
09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	16.7	ug/L	100
09/22/94	G94-01-MW-05	MSMSDB40922123601	NA	16.7	16.6	ug/L	99.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	NA	50.1	50.2	ug/L	100
09/22/94	G94-06-MW-02	MSMSDB40922123601	NA	50.1	50.2	ug/L	100
09/23/94	G94-01-MW-05	MSMSDB40922123601	NA	16.7	16.7	ug/L	100
09/29/94	G94-13-MW-37	MSMSDB40929151301	NA	16.7	16.5	ug/L	99.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	NA	16.7	16.6	ug/L	99.0

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 99.8	Above acceptance :	0
Standard Deviation	: 0.707	Acceptance Criteria	81-115

Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Toluene-d8							
Type of Spike : Surrogate - Method Blank							
09/19/94	BLK944042	MSMSDB40919082801	NA	16.7	16.8	ug/L	100
09/22/94	BLK944050	MSMSDB40922123601	NA	16.7	16.9	ug/L	101
09/29/94	BLK944060	MSMSDB40929151301	NA	16.7	16.8	ug/L	101
09/30/94	BLK944065	MSMSDB40930181401	NA	16.7	16.9	ug/L	101

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 101	Above acceptance :	0
Standard Deviation	: 0.500	Acceptance Criteria	81-115

Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Toluene-d8							
Type of Spike : Surrogate - Normal Sample							
09/19/94	G94-02-GW-01	MSMSDB40919082801	NA	16.7	17.0	ug/L	102
09/19/94	G94-02-GW-03	MSMSDB40919082801	NA	16.7	17.1	ug/L	103
09/19/94	G94-02-GW-04	MSMSDB40919082801	NA	16.7	16.8	ug/L	101

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

Method : SW8260 - Volatile Organic Compounds
Spiked Analyte : Toluene-d8
Type of Spike : Surrogate - Normal Sample, cont.

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	16.6	ug/L	99.0
09/19/94	G94-09-MW-03	MSMSDB40919082801	NA	16.7	16.8	ug/L	101
09/19/94	G94-09-MW-04	MSMSDB40919082801	NA	16.7	16.7	ug/L	100
09/19/94	G94-09-MW-05	MSMSDB40919082801	NA	16.7	17.0	ug/L	102
09/19/94	G94-09-MW-06	MSMSDB40919082801	NA	16.7	17.1	ug/L	102
09/19/94	G94-09-MW-15	MSMSDB40919082801	NA	16.7	16.9	ug/L	101
09/22/94	G94-01-MW-05	MSMSDB40922123601	NA	16.7	16.6	ug/L	99.0
09/22/94	G94-05-MW-06	MSMSDB40922123601	NA	16.7	16.8	ug/L	101
09/22/94	G94-06-MW-02	MSMSDB40922123601	NA	16.7	16.4	ug/L	98.0
09/22/94	G94-06-MW-05	MSMSDB40922123601	NA	16.7	16.4	ug/L	98.0
09/22/94	G94-06-MW-06	MSMSDB40922123601	NA	16.7	17.0	ug/L	101
09/22/94	G94-09-MW-01	MSMSDB40922123601	NA	16.7	17.0	ug/L	101
09/22/94	G94-09-MW-02	MSMSDB40922123601	NA	16.7	16.6	ug/L	100
09/22/94	G94-10-MW-03	MSMSDB40922123601	NA	16.7	16.5	ug/L	99.0
09/23/94	G94-01-MW-01	MSMSDB40922123601	NA	16.7	16.6	ug/L	99.0
09/23/94	G94-01-MW-02	MSMSDB40922123601	NA	16.7	16.5	ug/L	99.0
09/23/94	G94-01-MW-06	MSMSDB40922123601	NA	16.7	16.6	ug/L	99.0
09/23/94	G94-01-MW-07	MSMSDB40922123601	NA	16.7	16.4	ug/L	98.0
09/23/94	G94-01-MW-08	MSMSDB40922123601	NA	16.7	16.4	ug/L	98.0
09/23/94	G94-05-MW-13	MSMSDB40922123601	NA	16.7	16.7	ug/L	100
09/23/94	G94-06-MW-07	MSMSDB40922123601	NA	16.7	16.9	ug/L	101
09/23/94	G94-10-MW-01	MSMSDB40922123601	NA	16.7	16.5	ug/L	99.0
09/29/94	G94-05-MW-03	MSMSDB40929151301	NA	16.7	17.2	ug/L	103
09/29/94	G94-05-MW-05	MSMSDB40929151301	NA	250	254	ug/L	101
09/29/94	G94-06-MW-01	MSMSDB40929151301	NA	16.7	17.4	ug/L	104
09/29/94	G94-06-MW-04	MSMSDB40929151301	NA	16.7	17.4	ug/L	104
09/29/94	G94-13-MW-37	MSMSDB40929151301	NA	16.7	16.6	ug/L	99.0
09/30/94	G94-05-MW-02	MSMSDB40929151301	NA	16.7	16.6	ug/L	99.0
09/30/94	G94-05-MW-04	MSMSDB40929151301	NA	4180	4240	ug/L	102
09/30/94	G94-05-MW-07	MSMSDB40929151301	NA	250	257	ug/L	103
09/30/94	G94-05-MW-11	MSMSDB40929151301	NA	16.7	17.0	ug/L	102
09/30/94	G94-05-MW-14	MSMSDB40929151301	NA	16.7	16.7	ug/L	100
09/30/94	G94-05-MW-15	MSMSDB40929151301	NA	16.7	16.8	ug/L	101
09/30/94	G94-09-MW-08	MSMSDB40929151301	NA	5010	4950 (Z)	ug/L	99.0
09/30/94	G94-09-MW-12	MSMSDB40929151301	NA	1670	1660 (Z)	ug/L	100
09/30/94	G94-13-MW-38	MSMSDB40929151301	NA	16.7	16.8	ug/L	100

Number of Samples	: 39	Below acceptance :	0
Mean % Recovery	: 100	Above acceptance :	0
Standard Deviation	: 1.67	Acceptance Criteria	81-115

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8260 - Volatile Organic Compounds							
Spiked Analyte : Toluene-d8							
Type of Spike : Surrogate - Trip Blank							
09/19/94	G94-TB-01	MSMSDB40919082801	NA	16.7	16.6	ug/L	99.0
09/22/94	G94-TB-02	MSMSDB40922123601	NA	16.7	16.5	ug/L	99.0
09/22/94	G94-TB-03	MSMSDB40922123601	NA	16.7	16.8	ug/L	100
09/23/94	G94-TB-04	MSMSDB40922123601	NA	16.7	16.5	ug/L	99.0
09/29/94	G94-TB-05	MSMSDB40929151301	NA	16.7	17.3	ug/L	104
09/29/94	G94-TB-07	MSMSDB40929151301	NA	16.7	16.9	ug/L	101
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 100			Above acceptance : 0				
Standard Deviation : 1.97			Acceptance Criteria 81-115				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,2,4-Trichlorobenzene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	104	ug/L	104
09/21/94	LCSD946174	MSMSD140921080601	NA	100	102	ug/L	102
09/26/94	LCS946427	MSMSD140926083300	NA	100	97.3	ug/L	97.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	93.0	ug/L	93.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	91.2	ug/L	91.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	89.2	ug/L	89.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	96.6	ug/L	97.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	93.9	ug/L	94.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	104	ug/L	104
09/22/94	LCS946381	MSMSD240922082701	NA	100	102	ug/L	102
09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.0	ug/L	99.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	108	ug/L	108
09/27/94	LCS946458	MSMSD240927080201	NA	100	98.0	ug/L	98.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	113	ug/L	113
09/27/94	LCSD946458	MSMSD240927080201	NA	100	98.7	ug/L	99.0
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 99.4			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 44-142				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,2,4-Trichlorobenzene							
Type of Spike : Matrix Spike							
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	96.6	85.5	ug/L	89.0
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	97.6	90.8	ug/L	93.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	98.0	88.1	ug/L	90.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	102	87.1	ug/L	85.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	102	90.3	ug/L	88.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	98.0	90.2	ug/L	92.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	100	97.4	ug/L	97.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	97.6	96.4	ug/L	99.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 91.6			Above acceptance : 0				
Standard Deviation : 4.66			Acceptance Criteria 44-142				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,2-Dichlorobenzene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	100	ug/L	100
09/21/94	LCSD946174	MSMSD140921080601	NA	100	99.8	ug/L	100
09/26/94	LCS946427	MSMSD140926083300	NA	100	102	ug/L	102
09/26/94	LCSD946427	MSMSD140926083300	NA	100	94.5	ug/L	95.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	97.6	ug/L	98.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	95.2	ug/L	95.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	97.1	ug/L	97.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	92.4	ug/L	92.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	94.0	ug/L	94.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	96.3	ug/L	96.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	92.2	ug/L	92.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	91.0	ug/L	91.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	100	ug/L	100
09/27/94	LCS946458	MSMSD240927080201	NA	100	90.5	ug/L	90.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	106	ug/L	106
09/27/94	LCSD946458	MSMSD240927080201	NA	100	91.7	ug/L	92.0
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 96.3			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 32-129				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,3-Dichlorobenzene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	99.4	ug/L	99.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	99.6	ug/L	100
09/26/94	LCS946427	MSMSD140926083300	NA	100	99.6	ug/L	100
09/26/94	LCSD946427	MSMSD140926083300	NA	100	90.7	ug/L	91.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	94.9	ug/L	95.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	91.2	ug/L	91.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	96.5	ug/L	97.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	89.9	ug/L	90.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	93.5	ug/L	93.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	95.2	ug/L	95.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	91.8	ug/L	92.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	90.3	ug/L	90.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	99.8	ug/L	100
09/27/94	LCS946458	MSMSD240927080201	NA	100	90.6	ug/L	91.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	105	ug/L	105
09/27/94	LCSD946458	MSMSD240927080201	NA	100	90.9	ug/L	91.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 95.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-172

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,4-Dichlorobenzene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	99.6	ug/L	100
09/21/94	LCSD946174	MSMSD140921080601	NA	100	98.2	ug/L	98.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	95.1	ug/L	95.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	90.4	ug/L	90.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	93.4	ug/L	93.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	89.2	ug/L	89.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	91.5	ug/L	91.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	87.0	ug/L	87.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	88.8	ug/L	89.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	90.6	ug/L	91.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	87.8	ug/L	88.0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,4-Dichlorobenzene							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	86.4	ug/L	86.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	94.6	ug/L	95.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	85.5	ug/L	85.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	99.6	ug/L	100
09/27/94	LCSD946458	MSMSD240927080201	NA	100	86.5	ug/L	86.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 91.4	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	20-124

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,4-Dichlorobenzene							
Type of Spike : Matrix Spike							
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	97.6	77.7	ug/L	80.0
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	96.6	73.5	ug/L	76.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	102	86.2	ug/L	84.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	98.0	83.3	ug/L	85.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	98.0	84.3	ug/L	86.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	102	88.3	ug/L	87.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	100	85.0	ug/L	85.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	97.6	82.4	ug/L	84.0

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 83.4	Above acceptance :	0
Standard Deviation	: 3.62	Acceptance Criteria	20-124

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,5-Trichlorophenol							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	103	ug/L	103
09/21/94	LCSD946174	MSMSD140921080601	NA	100	102	ug/L	102

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,5-Trichlorophenol							
Type of Spike : Laboratory Control, cont.							
09/26/94	LCS946427	MSMSD140926083300	NA	100	96.2	ug/L	96.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	83.1	ug/L	83.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	89.6	ug/L	90.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	94.6	ug/L	95.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	94.2	ug/L	94.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	93.1	ug/L	93.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	103	ug/L	103
09/21/94	LCSD946355	MSMSD240921075701	NA	100	107	ug/L	107
09/22/94	LCS946381	MSMSD240922082701	NA	100	105	ug/L	105
09/22/94	LCSD946381	MSMSD240922082701	NA	100	105	ug/L	105
09/27/94	LCS946438	MSMSD240927080202	NA	100	105	ug/L	105
09/27/94	LCS946458	MSMSD240927080201	NA	100	99.1	ug/L	99.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	102	ug/L	102
09/27/94	LCSD946458	MSMSD240927080201	NA	100	97.4	ug/L	97.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 98.7	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	37-121

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Trichlorophenol							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	85.9	ug/L	86.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	81.1	ug/L	81.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	80.2	ug/L	80.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	71.7	ug/L	72.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	76.4	ug/L	76.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	78.3	ug/L	78.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	77.0	ug/L	77.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	80.3	ug/L	80.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	81.5	ug/L	82.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	88.0	ug/L	88.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	87.0	ug/L	87.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	85.9	ug/L	86.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	85.7	ug/L	86.0

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Trichlorophenol							
Type of Spike : Laboratory Control, cont.							
09/27/94	LCS946458	MSMSD240927080201	NA	100	81.0	ug/L	81.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	84.7	ug/L	85.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	79.6	ug/L	80.0
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 81.6			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 37-144				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dichlorophenol							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	99.1	ug/L	99.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	97.6	ug/L	98.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	89.1	ug/L	89.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	87.1	ug/L	87.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	85.3	ug/L	85.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	85.7	ug/L	86.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	92.6	ug/L	93.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	89.4	ug/L	89.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	99.3	ug/L	99.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	104	ug/L	104
09/22/94	LCS946381	MSMSD240922082701	NA	100	98.8	ug/L	99.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	98.2	ug/L	98.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	97.4	ug/L	97.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	93.5	ug/L	94.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	99.0	ug/L	99.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	92.2	ug/L	92.0
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 94.3			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 39-135				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dimethylphenol							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	66.2	ug/L	66.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	64.9	ug/L	65.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	72.6	ug/L	73.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	66.1	ug/L	66.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	80.2	ug/L	80.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	82.6	ug/L	83.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	81.3	ug/L	81.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	79.9	ug/L	80.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	67.1	ug/L	67.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	70.2	ug/L	70.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	90.4	ug/L	90.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	93.1	ug/L	93.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	91.0	ug/L	91.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	66.2	ug/L	66.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	95.3	ug/L	95.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	65.8	ug/L	66.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 77.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-112

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dinitrophenol							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	129	ug/L	129
09/21/94	LCSD946174	MSMSD140921080601	NA	100	131	ug/L	131
09/26/94	LCS946427	MSMSD140926083300	NA	100	127	ug/L	127
09/26/94	LCSD946427	MSMSD140926083300	NA	100	112	ug/L	112
09/27/94	LCS946511	MSMSD140927080202	NA	100	123	ug/L	123
09/27/94	LCSD946511	MSMSD140927080202	NA	100	130	ug/L	130
09/28/94	LCS946511	MSMSD140928081901	NA	100	126	ug/L	126
09/28/94	LCSD946511	MSMSD140928081901	NA	100	133	ug/L	133
09/21/94	LCS946355	MSMSD240921075701	NA	100	139	ug/L	139
09/21/94	LCSD946355	MSMSD240921075701	NA	100	147	ug/L	147
09/22/94	LCS946381	MSMSD240922082701	NA	100	139	ug/L	139

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dinitrophenol							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	140	ug/L	140
09/27/94	LCS946438	MSMSD240927080202	NA	100	149	ug/L	149
09/27/94	LCS946458	MSMSD240927080201	NA	100	148	ug/L	148
09/27/94	LCSD946438	MSMSD240927080202	NA	100	142	ug/L	142
09/27/94	LCSD946458	MSMSD240927080201	NA	100	143	ug/L	143
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 135			Above acceptance : 9				
Standard Deviation : NC			Acceptance Criteria 33-132				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dinitrotoluene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	102	ug/L	102
09/21/94	LCSD946174	MSMSD140921080601	NA	100	98.7	ug/L	99.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	99.3	ug/L	99.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	87.6	ug/L	88.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	88.8	ug/L	89.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	92.6	ug/L	93.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	91.7	ug/L	92.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	94.7	ug/L	95.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	100	ug/L	100
09/21/94	LCSD946355	MSMSD240921075701	NA	100	105	ug/L	105
09/22/94	LCS946381	MSMSD240922082701	NA	100	110	ug/L	110
09/22/94	LCSD946381	MSMSD240922082701	NA	100	104	ug/L	104
09/27/94	LCS946438	MSMSD240927080202	NA	100	122	ug/L	122
09/27/94	LCS946458	MSMSD240927080201	NA	100	107	ug/L	107
09/27/94	LCSD946438	MSMSD240927080202	NA	100	121	ug/L	121
09/27/94	LCSD946458	MSMSD240927080201	NA	100	105	ug/L	105
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 102			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 39-139				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dinitrotoluene							
Type of Spike : Matrix Spike							
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	96.6	88.8	ug/L	92.0
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	97.6	86.0	ug/L	88.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	102	87.8	ug/L	86.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	98.0	85.7	ug/L	87.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	102	87.1	ug/L	85.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	98.0	88.1	ug/L	90.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	97.6	91.6	ug/L	94.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	100	93.0	ug/L	93.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 89.4			Above acceptance : 0				
Standard Deviation : 3.38			Acceptance Criteria 39-139				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,6-Dinitrotoluene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	115	ug/L	115
09/21/94	LCSD946174	MSMSD140921080601	NA	100	110	ug/L	110
09/26/94	LCS946427	MSMSD140926083300	NA	100	114	ug/L	114
09/26/94	LCSD946427	MSMSD140926083300	NA	100	101	ug/L	101
09/27/94	LCS946511	MSMSD140927080202	NA	100	103	ug/L	103
09/27/94	LCSD946511	MSMSD140927080202	NA	100	108	ug/L	108
09/28/94	LCS946511	MSMSD140928081901	NA	100	103	ug/L	103
09/28/94	LCSD946511	MSMSD140928081901	NA	100	108	ug/L	108
09/21/94	LCS946355	MSMSD240921075701	NA	100	105	ug/L	105
09/21/94	LCSD946355	MSMSD240921075701	NA	100	109	ug/L	109
09/22/94	LCS946381	MSMSD240922082701	NA	100	116	ug/L	116
09/22/94	LCSD946381	MSMSD240922082701	NA	100	112	ug/L	112
09/27/94	LCS946438	MSMSD240927080202	NA	100	130	ug/L	130
09/27/94	LCS946458	MSMSD240927080201	NA	100	113	ug/L	113
09/27/94	LCSD946438	MSMSD240927080202	NA	100	128	ug/L	128
09/27/94	LCSD946458	MSMSD240927080201	NA	100	113	ug/L	113
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 112			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 50-158				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Chloronaphthalene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	93.1	ug/L	93.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	89.9	ug/L	90.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	93.6	ug/L	94.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	83.5	ug/L	84.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	87.6	ug/L	88.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	90.2	ug/L	90.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	88.1	ug/L	88.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	90.5	ug/L	91.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	82.4	ug/L	82.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	86.2	ug/L	86.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	86.3	ug/L	86.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	83.9	ug/L	84.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	94.9	ug/L	95.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	83.6	ug/L	84.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	93.8	ug/L	94.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	84.2	ug/L	84.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 88.3	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	60-118

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Chlorophenol							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	99.3	ug/L	99.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	99.2	ug/L	99.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	94.6	ug/L	95.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	87.9	ug/L	88.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	92.3	ug/L	92.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	87.7	ug/L	88.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	89.9	ug/L	90.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	85.2	ug/L	85.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	93.5	ug/L	94.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	97.3	ug/L	97.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	89.7	ug/L	90.0

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Chlorophenol							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	89.1	ug/L	89.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	91.0	ug/L	91.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	90.6	ug/L	91.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	94.1	ug/L	94.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	90.2	ug/L	90.0
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 92.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 23-134				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Chlorophenol							
Type of Spike : Matrix Spike							
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	195	170	ug/L	87
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	193	169	ug/L	87
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	204	180	ug/L	88.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	196	170	ug/L	87.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	204	179	ug/L	88.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	196	165	ug/L	84.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	200	170	ug/L	85.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	195	170	ug/L	87.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 86.6			Above acceptance : 0				
Standard Deviation : 1.41			Acceptance Criteria 23-134				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Methylnaphthalene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	111	ug/L	111
09/21/94	LCSD946174	MSMSD140921080601	NA	100	109	ug/L	109

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Methylnaphthalene							
Type of Spike : Laboratory Control, cont.							
09/26/94	LCS946427	MSMSD140926083300	NA	100	103	ug/L	103
09/26/94	LCSD946427	MSMSD140926083300	NA	100	99.0	ug/L	99.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	93.6	ug/L	94.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	95.0	ug/L	95.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	99.0	ug/L	99.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	95.2	ug/L	95.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	105	ug/L	105
09/22/94	LCS946381	MSMSD240922082701	NA	100	104	ug/L	104
09/22/94	LCSD946381	MSMSD240922082701	NA	100	98.0	ug/L	98.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	108	ug/L	108
09/27/94	LCS946458	MSMSD240927080201	NA	100	100	ug/L	100
09/27/94	LCSD946438	MSMSD240927080202	NA	100	114	ug/L	114
09/27/94	LCSD946458	MSMSD240927080201	NA	100	98.6	ug/L	99.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 102	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	37-150

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Methylphenol							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	93.1	ug/L	93.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	93.9	ug/L	94.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	89.4	ug/L	89.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	84.0	ug/L	84.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	82.7	ug/L	83.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	78.7	ug/L	79.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	80.0	ug/L	80.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	76.7	ug/L	77.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	86.8	ug/L	87.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	90.7	ug/L	91.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	79.6	ug/L	80.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	78.1	ug/L	78.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	82.7	ug/L	83.0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Methylphenol							
Type of Spike : Laboratory Control, cont.							
09/27/94	LCS946458	MSMSD240927080201	NA	100	85.7	ug/L	86.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	85.9	ug/L	86.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	84.3	ug/L	84.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 84.6	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	29-133

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Nitroaniline							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	105	ug/L	105
09/21/94	LCSD946174	MSMSD140921080601	NA	100	99.2	ug/L	99.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	104	ug/L	1
09/26/94	LCSD946427	MSMSD140926083300	NA	100	91.6	ug/L	92
09/27/94	LCS946511	MSMSD140927080202	NA	100	96.1	ug/L	96.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	99.1	ug/L	99.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	95.5	ug/L	96.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	98.4	ug/L	98.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	92.0	ug/L	92.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	94.7	ug/L	95.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	99.5	ug/L	100
09/22/94	LCSD946381	MSMSD240922082701	NA	100	96.5	ug/L	97.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	118	ug/L	118
09/27/94	LCS946458	MSMSD240927080201	NA	100	103	ug/L	103
09/27/94	LCSD946438	MSMSD240927080202	NA	100	115	ug/L	115
09/27/94	LCSD946458	MSMSD240927080201	NA	100	102	ug/L	102

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 101	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-149

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Nitrophenol							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	111	ug/L	111
09/21/94	LCSD946174	MSMSD140921080601	NA	100	108	ug/L	108
09/26/94	LCS946427	MSMSD140926083300	NA	100	97.6	ug/L	98.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	93.8	ug/L	94.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	93.2	ug/L	93.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	93.6	ug/L	94.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	98.1	ug/L	98.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	94.8	ug/L	95.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	104	ug/L	104
09/21/94	LCSD946355	MSMSD240921075701	NA	100	110	ug/L	110
09/22/94	LCS946381	MSMSD240922082701	NA	100	108	ug/L	108
09/22/94	LCSD946381	MSMSD240922082701	NA	100	105	ug/L	105
09/27/94	LCS946438	MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCS946458	MSMSD240927080201	NA	100	105	ug/L	105
09/27/94	LCSD946438	MSMSD240927080202	NA	100	112	ug/L	112
09/27/94	LCSD946458	MSMSD240927080201	NA	100	104	ug/L	104

Number of Samples : 16
Mean % Recovery : 103
Standard Deviation : NC
Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 29-182

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 3,3'-Dichlorobenzidine							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	152	ug/L	152
09/21/94	LCSD946174	MSMSD140921080601	NA	100	144	ug/L	144
09/26/94	LCS946427	MSMSD140926083300	NA	100	141	ug/L	141
09/26/94	LCSD946427	MSMSD140926083300	NA	100	129	ug/L	129
09/27/94	LCS946511	MSMSD140927080202	NA	100	134	ug/L	134
09/27/94	LCSD946511	MSMSD140927080202	NA	100	137	ug/L	137
09/28/94	LCS946511	MSMSD140928081901	NA	100	140	ug/L	140
09/28/94	LCSD946511	MSMSD140928081901	NA	100	144	ug/L	144
09/21/94	LCS946355	MSMSD240921075701	NA	100	120	ug/L	120
09/21/94	LCSD946355	MSMSD240921075701	NA	100	127	ug/L	127
09/22/94	LCS946381	MSMSD240922082701	NA	100	144	ug/L	144

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 3,3'-Dichlorobenzidine							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	140	ug/L	140
09/27/94	LCS946438	MSMSD240927080202	NA	100	160	ug/L	160
09/27/94	LCS946458	MSMSD240927080201	NA	100	127	ug/L	127
09/27/94	LCSD946438	MSMSD240927080202	NA	100	156	ug/L	156
09/27/94	LCSD946458	MSMSD240927080201	NA	100	125	ug/L	125

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 139	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-262

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 3-Nitroaniline							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	111	ug/L	
09/21/94	LCSD946174	MSMSD140921080601	NA	100	105	ug/L	
09/26/94	LCS946427	MSMSD140926083300	NA	100	109	ug/L	109
09/26/94	LCSD946427	MSMSD140926083300	NA	100	95.1	ug/L	95.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	100	ug/L	100
09/27/94	LCSD946511	MSMSD140927080202	NA	100	106	ug/L	106
09/28/94	LCS946511	MSMSD140928081901	NA	100	100	ug/L	100
09/28/94	LCSD946511	MSMSD140928081901	NA	100	104	ug/L	104
09/21/94	LCS946355	MSMSD240921075701	NA	100	94.2	ug/L	94.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	101	ug/L	101
09/22/94	LCS946381	MSMSD240922082701	NA	100	110	ug/L	110
09/22/94	LCSD946381	MSMSD240922082701	NA	100	105	ug/L	105
09/27/94	LCS946438	MSMSD240927080202	NA	100	122	ug/L	122
09/27/94	LCS946458	MSMSD240927080201	NA	100	103	ug/L	103
09/27/94	LCSD946438	MSMSD240927080202	NA	100	120	ug/L	120
09/27/94	LCSD946458	MSMSD240927080201	NA	100	103	ug/L	103

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 106	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	45-157

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4,6-Dinitro-2-methylphenol							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	129	ug/L	129
09/21/94	LCSD946174	MSMSD140921080601	NA	100	130	ug/L	130
09/26/94	LCS946427	MSMSD140926083300	NA	100	125	ug/L	125
09/26/94	LCSD946427	MSMSD140926083300	NA	100	111	ug/L	111
09/27/94	LCS946511	MSMSD140927080202	NA	100	121	ug/L	121
09/27/94	LCSD946511	MSMSD140927080202	NA	100	118	ug/L	118
09/28/94	LCS946511	MSMSD140928081901	NA	100	118	ug/L	118
09/28/94	LCSD946511	MSMSD140928081901	NA	100	117	ug/L	117
09/21/94	LCS946355	MSMSD240921075701	NA	100	133	ug/L	133
09/21/94	LCSD946355	MSMSD240921075701	NA	100	141	ug/L	141
09/22/94	LCS946381	MSMSD240922082701	NA	100	137	ug/L	137
09/22/94	LCSD946381	MSMSD240922082701	NA	100	141	ug/L	141
09/27/94	LCS946438	MSMSD240927080202	NA	100	145	ug/L	145
09/27/94	LCS946458	MSMSD240927080201	NA	100	141	ug/L	141
09/27/94	LCSD946438	MSMSD240927080202	NA	100	140	ug/L	140
09/27/94	LCSD946458	MSMSD240927080201	NA	100	137	ug/L	137

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 130	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-191

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Bromophenyl phenyl ether							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	104	ug/L	104
09/21/94	LCSD946174	MSMSD140921080601	NA	100	104	ug/L	104
09/26/94	LCS946427	MSMSD140926083300	NA	100	102	ug/L	102
09/26/94	LCSD946427	MSMSD140926083300	NA	100	87.8	ug/L	88.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	88.4	ug/L	88.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	88.7	ug/L	89.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	94.0	ug/L	94.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	94.4	ug/L	94.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	106	ug/L	106
09/22/94	LCS946381	MSMSD240922082701	NA	100	106	ug/L	106

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Bromophenyl phenyl ether							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	106	ug/L	106
09/27/94	LCS946438	MSMSD240927080202	NA	100	114	ug/L	114
09/27/94	LCS946458	MSMSD240927080201	NA	100	98.0	ug/L	98.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	111	ug/L	111
09/27/94	LCSD946458	MSMSD240927080201	NA	100	98.9	ug/L	99.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 100	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	53-127

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Chloro-3-methylphenol							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	100	ug/L	1
09/21/94	LCSD946174	MSMSD140921080601	NA	100	99.1	ug/L	99
09/26/94	LCS946427	MSMSD140926083300	NA	100	92.7	ug/L	93.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	86.7	ug/L	87.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	85.2	ug/L	85.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	87.2	ug/L	87.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	89.3	ug/L	89.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	87.3	ug/L	87.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	103	ug/L	103
09/22/94	LCS946381	MSMSD240922082701	NA	100	98.4	ug/L	98.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	96.3	ug/L	96.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	99.1	ug/L	99.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	94.6	ug/L	95.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	101	ug/L	101
09/27/94	LCSD946458	MSMSD240927080201	NA	100	93.3	ug/L	93.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 94.6	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	22-147

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Chloro-3-methylphenol							
Type of Spike : Matrix Spike							
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	195	178	ug/L	91.0
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	193	172	ug/L	89.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	204	181	ug/L	88.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	196	168	ug/L	86.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	196	167	ug/L	85.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	204	179	ug/L	88.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	200	175	ug/L	88.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	195	177	ug/L	91.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 88.3			Above acceptance : 0				
Standard Deviation : 2.12			Acceptance Criteria 22-147				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Chlorophenyl phenyl ether							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	106	ug/L	106
09/21/94	LCSD946174	MSMSD140921080601	NA	100	102	ug/L	102
09/26/94	LCS946427	MSMSD140926083300	NA	100	107	ug/L	107
09/26/94	LCSD946427	MSMSD140926083300	NA	100	95.0	ug/L	95.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	94.8	ug/L	95.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	99.2	ug/L	99.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	103	ug/L	103
09/28/94	LCSD946511	MSMSD140928081901	NA	100	104	ug/L	104
09/21/94	LCS946355	MSMSD240921075701	NA	100	105	ug/L	105
09/21/94	LCSD946355	MSMSD240921075701	NA	100	111	ug/L	111
09/22/94	LCS946381	MSMSD240922082701	NA	100	113	ug/L	113
09/22/94	LCSD946381	MSMSD240922082701	NA	100	110	ug/L	110
09/27/94	LCS946438	MSMSD240927080202	NA	100	118	ug/L	118
09/27/94	LCS946458	MSMSD240927080201	NA	100	104	ug/L	104
09/27/94	LCSD946438	MSMSD240927080202	NA	100	117	ug/L	117
09/27/94	LCSD946458	MSMSD240927080201	NA	100	102	ug/L	102
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 106			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 25-158				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Methylphenol/3-Methylphenol							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	97.1	ug/L	97.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	97.8	ug/L	98.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	90.6	ug/L	91.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	83.8	ug/L	84.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	76.4	ug/L	76.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	74.3	ug/L	74.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	76.9	ug/L	77.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	69.2	ug/L	69.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	80.5	ug/L	81.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	83.0	ug/L	83.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	67.9	ug/L	68.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	66.0	ug/L	66.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	70.5	ug/L	70.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	78.0	ug/L	78.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	73.2	ug/L	73.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	75.8	ug/L	76.0
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 78.8			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 20-135				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Nitroaniline							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	103	ug/L	103
09/21/94	LCSD946174	MSMSD140921080601	NA	100	97.1	ug/L	97.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	99.1	ug/L	99.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	82.6	ug/L	83.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	94.4	ug/L	94.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	98.7	ug/L	99.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	93.3	ug/L	93.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	97.7	ug/L	98.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	86.3	ug/L	86.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	90.5	ug/L	90.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	104	ug/L	104

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Nitroaniline							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	101	ug/L	101
09/27/94	LCS946438	MSMSD240927080202	NA	100	115	ug/L	115
09/27/94	LCS946458	MSMSD240927080201	NA	100	89.9	ug/L	90.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	114	ug/L	114
09/27/94	LCSD946458	MSMSD240927080201	NA	100	90.6	ug/L	91.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 97.3	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	25-162

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Nitrophenol							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	94.3	ug/L	94.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	89.5	ug/L	90.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	103	ug/L	103
09/26/94	LCSD946427	MSMSD140926083300	NA	100	89.0	ug/L	89.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	47.9	ug/L	48.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	46.7	ug/L	47.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	47.3	ug/L	47.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	47.5	ug/L	48.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	105	ug/L	105
09/21/94	LCSD946355	MSMSD240921075701	NA	100	108	ug/L	108
09/22/94	LCS946381	MSMSD240922082701	NA	100	48.2	ug/L	48.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	46.1	ug/L	46.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	47.8	ug/L	48.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	92.2	ug/L	92.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	46.8	ug/L	47.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	91.1	ug/L	91.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 71.9	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-132

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Nitrophenol							
Type of Spike : Matrix Spike							
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	193	169	ug/L	87.0
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	195	168	ug/L	86.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	204	89.9	ug/L	44.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	196	94.8	ug/L	48.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	204	88.8	ug/L	44.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	196	90.3	ug/L	46.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	200	173	ug/L	87.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	195	186	ug/L	95.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 67.1			Above acceptance : 0				
Standard Deviation : 23.3			Acceptance Criteria D-132				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Acenaphthene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	98.8	ug/L	99.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	94.9	ug/L	95.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	100	ug/L	100
09/26/94	LCSD946427	MSMSD140926083300	NA	100	89.4	ug/L	89.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	91.8	ug/L	92.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	94.6	ug/L	95.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	89.0	ug/L	89.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	92.5	ug/L	92.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	89.6	ug/L	90.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	93.3	ug/L	93.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	93.9	ug/L	94.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	90.0	ug/L	90.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	101	ug/L	101
09/27/94	LCS946458	MSMSD240927080201	NA	100	89.7	ug/L	90.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	101	ug/L	101
09/27/94	LCSD946458	MSMSD240927080201	NA	100	90.3	ug/L	90.0
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 93.8			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 47-145				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Acenaphthene							
Type of Spike : Matrix Spike							
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	96.6	88.5	ug/L	92.0
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	97.6	88.7	ug/L	91.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	102	89.0	ug/L	87.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	98.0	89.5	ug/L	91.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	102	88.5	ug/L	87.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	98.0	88.6	ug/L	90.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	100	86.9	ug/L	87.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	97.6	84.3	ug/L	86.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 88.9			Above acceptance : 0				
Standard Deviation : 2.36			Acceptance Criteria 47-145				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Acenaphthylene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	108	ug/L	108
09/21/94	LCSD946174	MSMSD140921080601	NA	100	102	ug/L	102
09/26/94	LCS946427	MSMSD140926083300	NA	100	110	ug/L	110
09/26/94	LCSD946427	MSMSD140926083300	NA	100	98.9	ug/L	99.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	102	ug/L	102
09/27/94	LCSD946511	MSMSD140927080202	NA	100	107	ug/L	107
09/28/94	LCS946511	MSMSD140928081901	NA	100	101	ug/L	101
09/28/94	LCSD946511	MSMSD140928081901	NA	100	102	ug/L	102
09/21/94	LCS946355	MSMSD240921075701	NA	100	97.7	ug/L	98.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	102	ug/L	102
09/22/94	LCS946381	MSMSD240922082701	NA	100	102	ug/L	102
09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.4	ug/L	99.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	111	ug/L	111
09/27/94	LCS946458	MSMSD240927080201	NA	100	98.6	ug/L	99.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	111	ug/L	111
09/27/94	LCSD946458	MSMSD240927080201	NA	100	100	ug/L	100
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 103			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 33-145				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Anthracene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	111	ug/L	111
09/21/94	LCSD946174	MSMSD140921080601	NA	100	108	ug/L	108
09/26/94	LCS946427	MSMSD140926083300	NA	100	112	ug/L	112
09/26/94	LCSD946427	MSMSD140926083300	NA	100	102	ug/L	102
09/27/94	LCS946511	MSMSD140927080202	NA	100	104	ug/L	104
09/27/94	LCSD946511	MSMSD140927080202	NA	100	103	ug/L	103
09/28/94	LCS946511	MSMSD140928081901	NA	100	101	ug/L	101
09/28/94	LCSD946511	MSMSD140928081901	NA	100	104	ug/L	104
09/21/94	LCS946355	MSMSD240921075701	NA	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	104	ug/L	104
09/22/94	LCS946381	MSMSD240922082701	NA	100	107	ug/L	107
09/22/94	LCSD946381	MSMSD240922082701	NA	100	104	ug/L	104
09/27/94	LCS946438	MSMSD240927080202	NA	100	114	ug/L	114
09/27/94	LCS946458	MSMSD240927080201	NA	100	103	ug/L	103
09/27/94	LCSD946438	MSMSD240927080202	NA	100	114	ug/L	114
09/27/94	LCSD946458	MSMSD240927080201	NA	100	103	ug/L	103

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 106	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	27-133

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(a)anthracene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	114	ug/L	114
09/21/94	LCSD946174	MSMSD140921080601	NA	100	112	ug/L	112
09/26/94	LCS946427	MSMSD140926083300	NA	100	110	ug/L	110
09/26/94	LCSD946427	MSMSD140926083300	NA	100	99.8	ug/L	100
09/27/94	LCS946511	MSMSD140927080202	NA	100	101	ug/L	101
09/27/94	LCSD946511	MSMSD140927080202	NA	100	101	ug/L	101
09/28/94	LCS946511	MSMSD140928081901	NA	100	105	ug/L	105
09/28/94	LCSD946511	MSMSD140928081901	NA	100	106	ug/L	106
09/21/94	LCS946355	MSMSD240921075701	NA	100	99.1	ug/L	99.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	101	ug/L	101
09/22/94	LCS946381	MSMSD240922082701	NA	100	103	ug/L	103

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(a)anthracene							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.9	ug/L	100
09/27/94	LCS946438	MSMSD240927080202	NA	100	114	ug/L	114
09/27/94	LCS946458	MSMSD240927080201	NA	100	101	ug/L	101
09/27/94	LCSD946438	MSMSD240927080202	NA	100	112	ug/L	112
09/27/94	LCSD946458	MSMSD240927080201	NA	100	98.5	ug/L	98.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 105	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	33-143

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(a)pyrene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	103	ug/L	103
09/21/94	LCSD946174	MSMSD140921080601	NA	100	98.8	ug/L	99.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	104	ug/L	104
09/26/94	LCSD946427	MSMSD140926083300	NA	100	93.6	ug/L	94.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	97.9	ug/L	98.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	97.8	ug/L	98.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	102	ug/L	102
09/28/94	LCSD946511	MSMSD140928081901	NA	100	96.7	ug/L	97.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	90.7	ug/L	91.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	94.4	ug/L	94.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	97.5	ug/L	97.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	94.6	ug/L	95.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	105	ug/L	105
09/27/94	LCS946458	MSMSD240927080201	NA	100	94.3	ug/L	94.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	103	ug/L	103
09/27/94	LCSD946458	MSMSD240927080201	NA	100	92.6	ug/L	93.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 97.9	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	17-163

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(b)fluoranthene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	105	ug/L	105
09/21/94	LCSD946174	MSMSD140921080601	NA	100	99.8	ug/L	100
09/26/94	LCS946427	MSMSD140926083300	NA	100	104	ug/L	104
09/26/94	LCSD946427	MSMSD140926083300	NA	100	98.4	ug/L	98.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	96.1	ug/L	96.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	95.7	ug/L	96.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	88.6	ug/L	89.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	97.4	ug/L	97.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	90.1	ug/L	90.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	86.5	ug/L	87.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	88.0	ug/L	88.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	84.4	ug/L	84.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	107	ug/L	107
09/27/94	LCS946458	MSMSD240927080201	NA	100	88.5	ug/L	88.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	98.3	ug/L	98.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	90.5	ug/L	90.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 94.8	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	24-159

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(g,h,i)perylene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	130	ug/L	130
09/21/94	LCSD946174	MSMSD140921080601	NA	100	122	ug/L	122
09/26/94	LCS946427	MSMSD140926083300	NA	100	130	ug/L	130
09/26/94	LCSD946427	MSMSD140926083300	NA	100	112	ug/L	112
09/27/94	LCS946511	MSMSD140927080202	NA	100	116	ug/L	116
09/27/94	LCSD946511	MSMSD140927080202	NA	100	111	ug/L	111
09/28/94	LCS946511	MSMSD140928081901	NA	100	114	ug/L	114
09/28/94	LCSD946511	MSMSD140928081901	NA	100	114	ug/L	114
09/21/94	LCS946355	MSMSD240921075701	NA	100	95.0	ug/L	95.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	97.8	ug/L	98.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	103	ug/L	103

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(g,h,i)perylene							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	98.6	ug/L	99.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCS946458	MSMSD240927080201	NA	100	96.2	ug/L	96.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	107	ug/L	107
09/27/94	LCSD946458	MSMSD240927080201	NA	100	94.8	ug/L	95.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 109	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-219

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(k)fluoranthene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	112	ug/L	112
09/21/94	LCSD946174	MSMSD140921080601	NA	100	112	ug/L	112
09/26/94	LCS946427	MSMSD140926083300	NA	100	120	ug/L	120
09/26/94	LCSD946427	MSMSD140926083300	NA	100	98.8	ug/L	99.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	107	ug/L	107
09/27/94	LCSD946511	MSMSD140927080202	NA	100	111	ug/L	111
09/28/94	LCS946511	MSMSD140928081901	NA	100	98.5	ug/L	98.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	102	ug/L	102
09/21/94	LCS946355	MSMSD240921075701	NA	100	84.9	ug/L	85.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	96.7	ug/L	97.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	97.3	ug/L	97.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	96.1	ug/L	96.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	93.5	ug/L	93.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	90.5	ug/L	90.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	97.6	ug/L	98.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	90.2	ug/L	90.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 100	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	11-162

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzoic acid							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	70.9	ug/L	71.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	69.2	ug/L	69.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	62.6	ug/L	63.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	75.1	ug/L	75.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	40.1	ug/L	40.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	38.6	ug/L	39.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	40.6	ug/L	41.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	38.3	ug/L	38.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	92.4	ug/L	92.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	92.8	ug/L	93.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	12.0	ug/L	12.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	19.1	ug/L	19.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	13.2	ug/L	13.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	86.1	ug/L	86.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	15.2	ug/L	15.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	87.4	ug/L	87.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 53.3	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	0-294

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzyl alcohol							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	101	ug/L	101
09/21/94	LCSD946174	MSMSD140921080601	NA	100	102	ug/L	102
09/26/94	LCS946427	MSMSD140926083300	NA	100	109	ug/L	109
09/26/94	LCSD946427	MSMSD140926083300	NA	100	104	ug/L	104
09/27/94	LCS946511	MSMSD140927080202	NA	100	93.6	ug/L	94.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	89.7	ug/L	90.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	92.6	ug/L	93.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	85.3	ug/L	85.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	85.5	ug/L	85.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	91.2	ug/L	91.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	79.0	ug/L	79.0

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzyl alcohol							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	76.1	ug/L	76.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	95.3	ug/L	95.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	89.0	ug/L	89.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	98.1	ug/L	98.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	93.6	ug/L	94.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 92.8	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	NS

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Butylbenzylphthalate							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	114	ug/L	114
09/21/94	LCSD946174	MSMSD140921080601	NA	100	113	ug/L	113
09/26/94	LCS946427	MSMSD140926083300	NA	100	124	ug/L	124
09/26/94	LCSD946427	MSMSD140926083300	NA	100	115	ug/L	115
09/27/94	LCS946511	MSMSD140927080202	NA	100	109	ug/L	109
09/27/94	LCSD946511	MSMSD140927080202	NA	100	114	ug/L	114
09/28/94	LCS946511	MSMSD140928081901	NA	100	101	ug/L	101
09/28/94	LCSD946511	MSMSD140928081901	NA	100	106	ug/L	106
09/21/94	LCS946355	MSMSD240921075701	NA	100	95.8	ug/L	96.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	95.4	ug/L	95.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	97.0	ug/L	97.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	95.9	ug/L	96.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	116	ug/L	116
09/27/94	LCS946458	MSMSD240927080201	NA	100	100	ug/L	100
09/27/94	LCSD946438	MSMSD240927080202	NA	100	111	ug/L	111
09/27/94	LCSD946458	MSMSD240927080201	NA	100	97.9	ug/L	98.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 107	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-152

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Chrysene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	107	ug/L	107
09/21/94	LCSD946174	MSMSD140921080601	NA	100	108	ug/L	108
09/26/94	LCS946427	MSMSD140926083300	NA	100	108	ug/L	108
09/26/94	LCSD946427	MSMSD140926083300	NA	100	98.8	ug/L	99.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	97.9	ug/L	98.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	98.2	ug/L	98.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	97.8	ug/L	98.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	100	ug/L	100
09/21/94	LCS946355	MSMSD240921075701	NA	100	94.6	ug/L	95.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	98.7	ug/L	99.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	101	ug/L	101
09/22/94	LCSD946381	MSMSD240922082701	NA	100	97.7	ug/L	98.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	112	ug/L	112
09/27/94	LCS946458	MSMSD240927080201	NA	100	97.8	ug/L	98.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCSD946458	MSMSD240927080201	NA	100	95.7	ug/L	96.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 102	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	17-168

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Di-n-octylphthalate							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	125	ug/L	125
09/21/94	LCSD946174	MSMSD140921080601	NA	100	122	ug/L	122
09/26/94	LCS946427	MSMSD140926083300	NA	100	139	ug/L	139
09/26/94	LCSD946427	MSMSD140926083300	NA	100	127	ug/L	127
09/27/94	LCS946511	MSMSD140927080202	NA	100	127	ug/L	127
09/27/94	LCSD946511	MSMSD140927080202	NA	100	123	ug/L	123
09/28/94	LCS946511	MSMSD140928081901	NA	100	114	ug/L	114
09/28/94	LCSD946511	MSMSD140928081901	NA	100	113	ug/L	113
09/21/94	LCS946355	MSMSD240921075701	NA	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	101	ug/L	101
09/22/94	LCS946381	MSMSD240922082701	NA	100	102	ug/L	102

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Di-n-octylphthalate							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.5	ug/L	99.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	117	ug/L	117
09/27/94	LCS946458	MSMSD240927080201	NA	100	104	ug/L	104
09/27/94	LCSD946438	MSMSD240927080202	NA	100	112	ug/L	112
09/27/94	LCSD946458	MSMSD240927080201	NA	100	103	ug/L	103

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 114	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	4-146

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Dibenz(a,h)anthracene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	108	ug/L	108
09/21/94	LCSD946174	MSMSD140921080601	NA	100	102	ug/L	102
09/26/94	LCS946427	MSMSD140926083300	NA	100	104	ug/L	104
09/26/94	LCSD946427	MSMSD140926083300	NA	100	95.4	ug/L	95.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	95.2	ug/L	95.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	94.8	ug/L	95.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	97.0	ug/L	97.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	91.4	ug/L	91.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	93.2	ug/L	93.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	96.1	ug/L	96.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	99.4	ug/L	99.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	96.9	ug/L	97.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	107	ug/L	107
09/27/94	LCS946458	MSMSD240927080201	NA	100	93.7	ug/L	94.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	104	ug/L	104
09/27/94	LCSD946458	MSMSD240927080201	NA	100	93.9	ug/L	94.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 98.2	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-227

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Dibenzofuran							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	107	ug/L	107
09/21/94	LCSD946174	MSMSD140921080601	NA	100	101	ug/L	101
09/26/94	LCS946427	MSMSD140926083300	NA	100	99.8	ug/L	100
09/26/94	LCSD946427	MSMSD140926083300	NA	100	92.0	ug/L	92.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	93.5	ug/L	94.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	95.2	ug/L	95.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	94.5	ug/L	94.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	96.6	ug/L	97.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	98.1	ug/L	98.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	102	ug/L	102
09/22/94	LCS946381	MSMSD240922082701	NA	100	105	ug/L	105
09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.6	ug/L	100
09/27/94	LCS946438	MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCS946458	MSMSD240927080201	NA	100	97.2	ug/L	97.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	110	ug/L	110
09/27/94	LCSD946458	MSMSD240927080201	NA	100	96.3	ug/L	96.0

Number of Samples : 16
Mean % Recovery : 99.8
Standard Deviation : NC
Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 67-122

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Dibutylphthalate							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	110	ug/L	110
09/21/94	LCSD946174	MSMSD140921080601	NA	100	109	ug/L	109
09/26/94	LCS946427	MSMSD140926083300	NA	100	119	ug/L	119
09/26/94	LCSD946427	MSMSD140926083300	NA	100	105	ug/L	105
09/27/94	LCS946511	MSMSD140927080202	NA	100	104	ug/L	104
09/27/94	LCSD946511	MSMSD140927080202	NA	100	104	ug/L	104
09/28/94	LCS946511	MSMSD140928081901	NA	100	102	ug/L	102
09/28/94	LCSD946511	MSMSD140928081901	NA	100	101	ug/L	101
09/21/94	LCS946355	MSMSD240921075701	NA	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	102	ug/L	102
09/22/94	LCS946381	MSMSD240922082701	NA	100	105	ug/L	105

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Dibutylphthalate							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	103	ug/L	103
09/27/94	LCS946438	MSMSD240927080202	NA	100	115	ug/L	115
09/27/94	LCS946458	MSMSD240927080201	NA	100	98.7	ug/L	99.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	110	ug/L	110
09/27/94	LCSD946458	MSMSD240927080201	NA	100	99.0	ug/L	99.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 106	Above acceptance :	1
Standard Deviation	: NC	Acceptance Criteria	1-118

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Diethylphthalate							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	109	ug/L	109
09/21/94	LCSD946174	MSMSD140921080601	NA	100	104	ug/L	104
09/26/94	LCS946427	MSMSD140926083300	NA	100	113	ug/L	113
09/26/94	LCSD946427	MSMSD140926083300	NA	100	101	ug/L	101
09/27/94	LCS946511	MSMSD140927080202	NA	100	102	ug/L	102
09/27/94	LCSD946511	MSMSD140927080202	NA	100	105	ug/L	105
09/28/94	LCS946511	MSMSD140928081901	NA	100	102	ug/L	102
09/28/94	LCSD946511	MSMSD140928081901	NA	100	105	ug/L	105
09/21/94	LCS946355	MSMSD240921075701	NA	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	105	ug/L	105
09/22/94	LCS946381	MSMSD240922082701	NA	100	107	ug/L	107
09/22/94	LCSD946381	MSMSD240922082701	NA	100	103	ug/L	103
09/27/94	LCS946438	MSMSD240927080202	NA	100	112	ug/L	112
09/27/94	LCS946458	MSMSD240927080201	NA	100	98.8	ug/L	99.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	113	ug/L	113
09/27/94	LCSD946458	MSMSD240927080201	NA	100	98.5	ug/L	99.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 105	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	67-143

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Dimethylphthalate							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	107	ug/L	107
09/21/94	LCSD946174	MSMSD140921080601	NA	100	103	ug/L	103
09/26/94	LCS946427	MSMSD140926083300	NA	100	109	ug/L	109
09/26/94	LCSD946427	MSMSD140926083300	NA	100	96.6	ug/L	97.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	96.8	ug/L	97.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	102	ug/L	102
09/28/94	LCS946511	MSMSD140928081901	NA	100	96.5	ug/L	97.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	102	ug/L	102
09/21/94	LCS946355	MSMSD240921075701	NA	100	98.2	ug/L	98.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	102	ug/L	102
09/22/94	LCS946381	MSMSD240922082701	NA	100	103	ug/L	103
09/22/94	LCSD946381	MSMSD240922082701	NA	100	101	ug/L	101
09/27/94	LCS946438	MSMSD240927080202	NA	100	114	ug/L	114
09/27/94	LCS946458	MSMSD240927080201	NA	100	97.8	ug/L	98.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	113	ug/L	113
09/27/94	LCSD946458	MSMSD240927080201	NA	100	98.2	ug/L	98.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 103	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	68-127

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Diphenylamine							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	96.7	ug/L	97.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	96.8	ug/L	97.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	108	ug/L	108
09/26/94	LCSD946427	MSMSD140926083300	NA	100	93.8	ug/L	94.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	95.3	ug/L	95.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	93.5	ug/L	94.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	91.7	ug/L	92.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	92.2	ug/L	92.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	92.6	ug/L	93.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	94.6	ug/L	95.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	99.5	ug/L	100

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Diphenylamine							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	96.2	ug/L	96.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	107	ug/L	107
09/27/94	LCS946458	MSMSD240927080201	NA	100	91.4	ug/L	91.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	106	ug/L	106
09/27/94	LCSD946458	MSMSD240927080201	NA	100	91.6	ug/L	92.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 96.8	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	NS

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Fluoranthene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	102	ug/L	102
09/21/94	LCSD946174	MSMSD140921080601	NA	100	102	ug/L	102
09/26/94	LCS946427	MSMSD140926083300	NA	100	101	ug/L	101
09/26/94	LCSD946427	MSMSD140926083300	NA	100	93.1	ug/L	93.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	93.9	ug/L	94.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	91.7	ug/L	92.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	93.0	ug/L	93.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	92.7	ug/L	93.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	96.8	ug/L	97.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	102	ug/L	102
09/22/94	LCS946381	MSMSD240922082701	NA	100	103	ug/L	103
09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.1	ug/L	99.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCS946458	MSMSD240927080201	NA	100	95.6	ug/L	96.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	108	ug/L	108
09/27/94	LCSD946458	MSMSD240927080201	NA	100	96.0	ug/L	96.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 98.8	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	26-137

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Fluorene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	96.4	ug/L	96.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	92.0	ug/L	92.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	91.2	ug/L	91.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	81.1	ug/L	81.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	83.4	ug/L	83.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	86.9	ug/L	87.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	85.8	ug/L	86.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	87.8	ug/L	88.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	84.5	ug/L	84.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	88.2	ug/L	88.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	90.1	ug/L	90.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	86.2	ug/L	86.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	93.3	ug/L	93.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	84.8	ug/L	85.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	93.6	ug/L	94.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	83.8	ug/L	84.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 88.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	59-121

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachlorobenzene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	109	ug/L	109
09/21/94	LCSD946174	MSMSD140921080601	NA	100	98.7	ug/L	99.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	95.0	ug/L	95.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	85.9	ug/L	86.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	92.1	ug/L	92.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	84.4	ug/L	84.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	95.3	ug/L	95.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	94.3	ug/L	94.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	106	ug/L	106
09/21/94	LCSD946355	MSMSD240921075701	NA	100	113	ug/L	113
09/22/94	LCS946381	MSMSD240922082701	NA	100	112	ug/L	112

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachlorobenzene							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	111	ug/L	111
09/27/94	LCS946438	MSMSD240927080202	NA	100	120	ug/L	120
09/27/94	LCS946458	MSMSD240927080201	NA	100	103	ug/L	103
09/27/94	LCSD946438	MSMSD240927080202	NA	100	118	ug/L	118
09/27/94	LCSD946458	MSMSD240927080201	NA	100	106	ug/L	106

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 103	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-152

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachlorobutadiene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	105	ug/L	105
09/21/94	LCSD946174	MSMSD140921080601	NA	100	102	ug/L	102
09/26/94	LCS946427	MSMSD140926083300	NA	100	96.3	ug/L	96.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	87.9	ug/L	88.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	84.0	ug/L	84.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	88.6	ug/L	89.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	97.4	ug/L	97.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	94.3	ug/L	94.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	103	ug/L	103
09/22/94	LCS946381	MSMSD240922082701	NA	100	99.4	ug/L	99.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.6	ug/L	100
09/27/94	LCS946438	MSMSD240927080202	NA	100	104	ug/L	104
09/27/94	LCS946458	MSMSD240927080201	NA	100	91.7	ug/L	92.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCSD946458	MSMSD240927080201	NA	100	93.7	ug/L	94.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 97.3	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	23-140

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachlorocyclopentadiene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	29.1	ug/L	29.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	25.2	ug/L	25.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	92.1	ug/L	92.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	69.9	ug/L	70.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	115	ug/L	115
09/27/94	LCSD946511	MSMSD140927080202	NA	100	130	ug/L	130
09/28/94	LCS946511	MSMSD140928081901	NA	100	127	ug/L	127
09/28/94	LCSD946511	MSMSD140928081901	NA	100	139	ug/L	139
09/21/94	LCS946355	MSMSD240921075701	NA	100	32.0	ug/L	32.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	38.4	ug/L	38.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	125	ug/L	125
09/22/94	LCSD946381	MSMSD240922082701	NA	100	131	ug/L	131
09/27/94	LCS946438	MSMSD240927080202	NA	100	113	ug/L	113
09/27/94	LCS946458	MSMSD240927080201	NA	100	69.0	ug/L	69.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	127	ug/L	127
09/27/94	LCSD946458	MSMSD240927080201	NA	100	78.1	ug/L	78.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 90.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	0-308

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachloroethane							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	111	ug/L	111
09/21/94	LCSD946174	MSMSD140921080601	NA	100	108	ug/L	108
09/26/94	LCS946427	MSMSD140926083300	NA	100	107	ug/L	107
09/26/94	LCSD946427	MSMSD140926083300	NA	100	101	ug/L	101
09/27/94	LCS946511	MSMSD140927080202	NA	100	105	ug/L	105
09/27/94	LCSD946511	MSMSD140927080202	NA	100	101	ug/L	101
09/28/94	LCS946511	MSMSD140928081901	NA	100	105	ug/L	105
09/28/94	LCSD946511	MSMSD140928081901	NA	100	99.4	ug/L	99.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	94.2	ug/L	94.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	94.6	ug/L	95.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	92.4	ug/L	92.0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachloroethane							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	88.5	ug/L	88.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	99.0	ug/L	99.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	89.7	ug/L	90.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	104	ug/L	104
09/27/94	LCSD946458	MSMSD240927080201	NA	100	89.1	ug/L	89.0
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 99.3			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 42-165				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Indeno(1,2,3-cd)pyrene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	110	ug/L	110
09/21/94	LCSD946174	MSMSD140921080601	NA	100	106	ug/L	106
09/26/94	LCS946427	MSMSD140926083300	NA	100	109	ug/L	109
09/26/94	LCSD946427	MSMSD140926083300	NA	100	95.4	ug/L	95.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	96.0	ug/L	96.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	97.3	ug/L	97.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	97.6	ug/L	98.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	97.6	ug/L	98.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	93.1	ug/L	93.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	96.4	ug/L	96.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	100	ug/L	100
09/22/94	LCSD946381	MSMSD240922082701	NA	100	97.3	ug/L	97.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCS946458	MSMSD240927080201	NA	100	94.3	ug/L	94.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	105	ug/L	105
09/27/94	LCSD946458	MSMSD240927080201	NA	100	94.2	ug/L	94.0
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 99.8			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-171				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Isophorone							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	111	ug/L	111
09/21/94	LCSD946174	MSMSD140921080601	NA	100	105	ug/L	105
09/26/94	LCS946427	MSMSD140926083300	NA	100	106	ug/L	106
09/26/94	LCSD946427	MSMSD140926083300	NA	100	101	ug/L	101
09/27/94	LCS946511	MSMSD140927080202	NA	100	101	ug/L	101
09/27/94	LCSD946511	MSMSD140927080202	NA	100	100	ug/L	100
09/28/94	LCS946511	MSMSD140928081901	NA	100	102	ug/L	102
09/28/94	LCSD946511	MSMSD140928081901	NA	100	101	ug/L	101
09/21/94	LCS946355	MSMSD240921075701	NA	100	99.5	ug/L	99.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	103	ug/L	103
09/22/94	LCS946381	MSMSD240922082701	NA	100	104	ug/L	104
09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.0	ug/L	99.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	111	ug/L	111
09/27/94	LCS946458	MSMSD240927080201	NA	100	106	ug/L	106
09/27/94	LCSD946438	MSMSD240927080202	NA	100	115	ug/L	115
09/27/94	LCSD946458	MSMSD240927080201	NA	100	104	ug/L	104

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 104	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	21-196

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : N-Nitroso-di-n-propylamine							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	110	ug/L	110
09/21/94	LCSD946174	MSMSD140921080601	NA	100	108	ug/L	108
09/26/94	LCS946427	MSMSD140926083300	NA	100	103	ug/L	103
09/26/94	LCSD946427	MSMSD140926083300	NA	100	96.4	ug/L	96.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	98.5	ug/L	99.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	97.4	ug/L	97.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	96.8	ug/L	97.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	95.1	ug/L	95.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	90.1	ug/L	90.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	93.2	ug/L	93.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	92.4	ug/L	92.0

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : N-Nitroso-di-n-propylamine							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	89.7	ug/L	90.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	107	ug/L	107
09/27/94	LCS946458	MSMSD240927080201	NA	100	96.5	ug/L	97.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	110	ug/L	110
09/27/94	LCSD946458	MSMSD240927080201	NA	100	96.2	ug/L	96.0
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 98.8			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-230				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : N-Nitroso-di-n-propylamine							
Type of Spike : Matrix Spike							
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	97.6	102	ug/L	104
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	96.6	105	ug/L	109
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	98.0	98.8	ug/L	101
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	102	104	ug/L	102
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	102	104	ug/L	102
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	98.0	100	ug/L	102
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	100	92.9	ug/L	93.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	97.6	90.7	ug/L	93.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 101			Above acceptance : 0				
Standard Deviation : 5.39			Acceptance Criteria D-230				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Naphthalene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	105	ug/L	105
09/21/94	LCSD946174	MSMSD140921080601	NA	100	97.0	ug/L	97.0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Naphthalene							
Type of Spike : Laboratory Control, cont.							
09/26/94	LCS946427	MSMSD140926083300	NA	100	102	ug/L	102
09/26/94	LCSD946427	MSMSD140926083300	NA	100	97.0	ug/L	97.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	93.5	ug/L	94.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	94.0	ug/L	94.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	95.8	ug/L	96.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	92.1	ug/L	92.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	96.0	ug/L	96.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	98.5	ug/L	99.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	96.0	ug/L	96.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	93.6	ug/L	94.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	103	ug/L	103
09/27/94	LCS946458	MSMSD240927080201	NA	100	93.5	ug/L	94.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	105	ug/L	105
09/27/94	LCSD946458	MSMSD240927080201	NA	100	94.8	ug/L	95.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 97.4	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	21-133

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	105	ug/L	105
09/21/94	LCSD946174	MSMSD140921080601	NA	100	101	ug/L	101
09/26/94	LCS946427	MSMSD140926083300	NA	100	99.3	ug/L	99.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	96.0	ug/L	96.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	91.8	ug/L	92.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	93.9	ug/L	94.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	95.2	ug/L	95.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	93.7	ug/L	94.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	97.4	ug/L	97.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	101	ug/L	101
09/22/94	LCS946381	MSMSD240922082701	NA	100	98.1	ug/L	98.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	92.8	ug/L	93.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	106	ug/L	106

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene							
Type of Spike : Laboratory Control, cont.							
09/27/94	LCS946458	MSMSD240927080201	NA	100	100	ug/L	100
09/27/94	LCSD946438	MSMSD240927080202	NA	100	113	ug/L	113
09/27/94	LCSD946458	MSMSD240927080201	NA	100	99.9	ug/L	100

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 99.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	35-180

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Pentachlorophenol							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	73.2	ug/L	73.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	72.8	ug/L	73.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	80.8	ug/L	81.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	74.5	ug/L	75.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	76.3	ug/L	76.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	75.4	ug/L	75.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	76.5	ug/L	77.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	80.7	ug/L	81.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	94.5	ug/L	94.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	99.7	ug/L	100
09/22/94	LCS946381	MSMSD240922082701	NA	100	93.4	ug/L	93.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	96.4	ug/L	96.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	89.3	ug/L	89.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	88.4	ug/L	88.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	86.2	ug/L	86.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	86.4	ug/L	86.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 83.9	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	14-176

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Pentachlorophenol							
Type of Spike : Matrix Spike							
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	195	155	ug/L	79.0
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	193	157	ug/L	81.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	204	162	ug/L	80.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	196	159	ug/L	81.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	196	166	ug/L	85.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	204	172	ug/L	84.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	200	184	ug/L	92.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	195	188	ug/L	96.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 84.8			Above acceptance : 0				
Standard Deviation : 6.14			Acceptance Criteria 14-176				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenanthrene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	96.7	ug/L	97.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	96.0	ug/L	96.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	99.4	ug/L	99.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	90.1	ug/L	90.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	90.2	ug/L	90.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	87.6	ug/L	88.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	88.4	ug/L	88.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	87.6	ug/L	88.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	88.7	ug/L	89.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	93.0	ug/L	93.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	93.1	ug/L	93.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	89.2	ug/L	89.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	99.8	ug/L	100
09/27/94	LCS946458	MSMSD240927080201	NA	100	88.7	ug/L	89.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	99.1	ug/L	99.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	87.6	ug/L	88.0
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 92.3			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 54-120				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	95.1	ug/L	95.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	94.6	ug/L	95.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	95.7	ug/L	96.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	89.1	ug/L	89.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	48.8	ug/L	49.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	44.8	ug/L	45.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	47.9	ug/L	48.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	43.5	ug/L	44.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	90.9	ug/L	91.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	93.2	ug/L	93.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	44.4	ug/L	44.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	42.7	ug/L	43.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	48.8	ug/L	49.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	88.5	ug/L	89.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	50.1	ug/L	50.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	86.1	ug/L	86.0
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 69.1			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 5-112				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol							
Type of Spike : Matrix Spike							
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	195	155	ug/L	79.0
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	193	153	ug/L	79.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	204	76.9	ug/L	38.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	196	78.7	ug/L	40.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	196	77.9	ug/L	40.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	204	77.5	ug/L	38.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	200	152	ug/L	76.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	195	153	ug/L	79.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 58.6			Above acceptance : 0				
Standard Deviation : 21.0			Acceptance Criteria 5-112				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Pyrene							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	106	ug/L	106
09/21/94	LCSD946174	MSMSD140921080601	NA	100	104	ug/L	104
09/26/94	LCS946427	MSMSD140926083300	NA	100	108	ug/L	108
09/26/94	LCSD946427	MSMSD140926083300	NA	100	99.1	ug/L	99.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	99.0	ug/L	99.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	101	ug/L	101
09/28/94	LCS946511	MSMSD140928081901	NA	100	93.7	ug/L	94.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	96.5	ug/L	96.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	93.3	ug/L	93.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	95.1	ug/L	95.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	97.0	ug/L	97.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	93.9	ug/L	94.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCS946458	MSMSD240927080201	NA	100	98.7	ug/L	99.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	107	ug/L	107
09/27/94	LCSD946458	MSMSD240927080201	NA	100	95.0	ug/L	95.0
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 99.8			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 52-115				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Pyrene							
Type of Spike : Matrix Spike							
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	96.6	95.3	ug/L	99.0
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	97.6	95.9	ug/L	98.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	102	96.4	ug/L	94.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	98.0	94.6	ug/L	96.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	98.0	90.4	ug/L	92.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	102	93.4	ug/L	92.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	100	81.8	ug/L	82.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	97.6	78.0	ug/L	80.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 91.6			Above acceptance : 0				
Standard Deviation : 7.05			Acceptance Criteria 52-115				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : bis(2-Chloroethoxy)methane							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	102	ug/L	102
09/21/94	LCSD946174	MSMSD140921080601	NA	100	97.0	ug/L	97.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	96.2	ug/L	96.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	93.3	ug/L	93.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	88.3	ug/L	88.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	87.7	ug/L	88.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	89.8	ug/L	90.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	89.2	ug/L	89.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	92.9	ug/L	93.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	96.0	ug/L	96.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	96.1	ug/L	96.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	92.0	ug/L	92.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	106	ug/L	106
09/27/94	LCS946458	MSMSD240927080201	NA	100	95.9	ug/L	96.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCSD946458	MSMSD240927080201	NA	100	96.1	ug/L	96.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 95.4	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	33-184

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : bis(2-Chloroethyl)ether							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	94.0	ug/L	94.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	91.8	ug/L	92.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	94.7	ug/L	95.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	87.8	ug/L	88.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	88.8	ug/L	89.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	85.6	ug/L	86.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	88.9	ug/L	89.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	84.1	ug/L	84.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	90.1	ug/L	90.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	91.0	ug/L	91.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	89.2	ug/L	89.0

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : bis(2-Chloroethyl)ether							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	86.4	ug/L	86.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	99.5	ug/L	99.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	92.2	ug/L	92.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	103	ug/L	103
09/27/94	LCSD946458	MSMSD240927080201	NA	100	92.3	ug/L	92.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 91.2	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	12-158

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : bis(2-Chloroisopropyl)ether							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	92.3	ug/L	92
09/21/94	LCSD946174	MSMSD140921080601	NA	100	91.8	ug/L	92
09/26/94	LCS946427	MSMSD140926083300	NA	100	84.8	ug/L	85.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	80.0	ug/L	80.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	78.8	ug/L	79.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	76.5	ug/L	76.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	83.6	ug/L	84.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	79.9	ug/L	80.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	75.9	ug/L	76.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	81.2	ug/L	81.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	80.1	ug/L	80.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	78.2	ug/L	78.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	94.7	ug/L	95.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	84.0	ug/L	84.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	98.5	ug/L	98.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	84.2	ug/L	84.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 84.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	36-166

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : bis(2-Ethylhexyl)phthalate							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	106	ug/L	106
09/21/94	LCSD946174	MSMSD140921080601	NA	100	108	ug/L	108
09/26/94	LCS946427	MSMSD140926083300	NA	100	115	ug/L	115
09/26/94	LCSD946427	MSMSD140926083300	NA	100	104	ug/L	104
09/27/94	LCS946511	MSMSD140927080202	NA	100	103	ug/L	103
09/27/94	LCSD946511	MSMSD140927080202	NA	100	106	ug/L	106
09/28/94	LCS946511	MSMSD140928081901	NA	100	96.9	ug/L	97.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	99.0	ug/L	99.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	91.8	ug/L	92.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	92.5	ug/L	92.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	94.9	ug/L	95.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	89.6	ug/L	90.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	108	ug/L	108
09/27/94	LCS946458	MSMSD240927080201	NA	100	94.8	ug/L	95.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	106	ug/L	106
09/27/94	LCSD946458	MSMSD240927080201	NA	100	91.0	ug/L	91.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 100	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	8-158

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : p-Chloroaniline							
Type of Spike : Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	109	ug/L	109
09/21/94	LCSD946174	MSMSD140921080601	NA	100	105	ug/L	105
09/26/94	LCS946427	MSMSD140926083300	NA	100	101	ug/L	101
09/26/94	LCSD946427	MSMSD140926083300	NA	100	90.7	ug/L	91.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	97.6	ug/L	98.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	102	ug/L	102
09/28/94	LCS946511	MSMSD140928081901	NA	100	101	ug/L	101
09/28/94	LCSD946511	MSMSD140928081901	NA	100	101	ug/L	101
09/21/94	LCS946355	MSMSD240921075701	NA	100	98.0	ug/L	98.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	105	ug/L	105
09/22/94	LCS946381	MSMSD240922082701	NA	100	110	ug/L	110

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NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : p-Chloroaniline							
Type of Spike : Laboratory Control, cont.							
09/22/94	LCSD946381	MSMSD240922082701	NA	100	108	ug/L	108
09/27/94	LCS946438	MSMSD240927080202	NA	100	119	ug/L	119
09/27/94	LCS946458	MSMSD240927080201	NA	100	105	ug/L	105
09/27/94	LCSD946438	MSMSD240927080202	NA	100	120	ug/L	120
09/27/94	LCSD946458	MSMSD240927080201	NA	100	105	ug/L	105

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 105	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	55-153

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol							
Type of Spike : Surrogate - Field Duplicate							
09/21/94	G94-06-MW-03-FD	MSMSD140921080601	NA	194	218	ug/L	
09/27/94	G94-13-MW-37-FD	MSMSD140927080202	NA	194	162	ug/L	83
09/21/94	G94-09-MW-05-FD	MSMSD240921075701	NA	196	225	ug/L	115
09/28/94	G94-05-MW-02-FD	MSMSD240927080202	NA	204	194	ug/L	95.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 101	Above acceptance :	0
Standard Deviation	: 15.0	Acceptance Criteria	10-123

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol							
Type of Spike : Surrogate - Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	200	176	ug/L	88.0
09/21/94	LCSD946174	MSMSD140921080601	NA	200	170	ug/L	85.0
09/26/94	LCS946427	MSMSD140926083300	NA	200	157	ug/L	79.0
09/26/94	LCSD946427	MSMSD140926083300	NA	200	137	ug/L	69.0
09/27/94	LCS946511	MSMSD140927080202	NA	200	154	ug/L	77.0
09/27/94	LCSD946511	MSMSD140927080202	NA	200	157	ug/L	79.0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol							
Type of Spike : Surrogate - Laboratory Control, cont.							
09/28/94	LCS946511	MSMSD140928081901	NA	200	173	ug/L	86.0
09/28/94	LCSD946511	MSMSD140928081901	NA	200	169	ug/L	85.0
09/21/94	LCS946355	MSMSD240921075701	NA	200	205	ug/L	102
09/21/94	LCSD946355	MSMSD240921075701	NA	200	227	ug/L	113
09/22/94	LCS946381	MSMSD240922082701	NA	200	218	ug/L	109
09/22/94	LCSD946381	MSMSD240922082701	NA	200	221	ug/L	111
09/27/94	LCS946438	MSMSD240927080202	NA	200	207	ug/L	103
09/27/94	LCS946458	MSMSD240927080201	NA	200	200	ug/L	100
09/27/94	LCSD946438	MSMSD240927080202	NA	200	198	ug/L	99.0
09/27/94	LCSD946458	MSMSD240927080201	NA	200	202	ug/L	101

Number of Samples : 16 — Below acceptance : 0
Mean % Recovery : 92.9 — Above acceptance : 0
Standard Deviation : NC — Acceptance Criteria 10-123

Method : SW8270 - Semivolatile Organics
Spiked Analyte : 2,4,6-Tribromophenol
Type of Spike : Surrogate - Matrix Spike

09/21/94	G94-06-MW-03	MSMSD140921080601	NA	195	192	ug/L	98.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	193	187	ug/L	97.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	204	162	ug/L	80.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	196	160	ug/L	82.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	204	182	ug/L	89.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	196	184	ug/L	94.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	195	225	ug/L	115
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	200	223	ug/L	112

Number of Samples : 8 — Below acceptance : 0
Mean % Recovery : 95.9 — Above acceptance : 0
Standard Deviation : 12.7 — Acceptance Criteria 10-123

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol							
Type of Spike : Surrogate - Method Blank							
09/21/94	BLK943961	MSMSD140921080601	NA	200	177	ug/L	88.0
09/26/94	BLK944139	MSMSD140926083300	NA	200	148	ug/L	74.0
09/27/94	BLK944201	MSMSD140927080202	NA	200	157	ug/L	78.0
09/28/94	BLK944201	MSMSD140928081901	NA	200	184	ug/L	92.0
09/21/94	BLK944071	MSMSD240921075701	NA	200	217	ug/L	109
09/22/94	BLK944096	MSMSD240922082701	NA	200	196	ug/L	98.0
09/27/94	BLK944149	MSMSD240927080202	NA	200	179	ug/L	90.0
09/27/94	BLK944165	MSMSD240927080201	NA	200	198	ug/L	99.0

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 91.0	Above acceptance :	0
Standard Deviation	: 11.4	Acceptance Criteria	10-123

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol							
Type of Spike : Surrogate - Normal Sample							
09/21/94	G94-02-GW-01	MSMSD140921080601	NA	193	186	ug/L	96.0
09/21/94	G94-02-GW-03	MSMSD140921080601	NA	192	193	ug/L	100
09/21/94	G94-02-GW-04	MSMSD140921080601	NA	204	212	ug/L	104
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	192	167	ug/L	87.0
09/21/94	G94-09-MW-04	MSMSD140921080601	NA	196	206	ug/L	105
09/26/94	G94-06-MW-01	MSMSD140926083302	NA	191	149	ug/L	78.0
09/26/94	G94-10-MW-01	MSMSD140926083302	NA	192	155	ug/L	81.0
09/27/94	G94-06-MW-04	MSMSD140926083302	NA	194	172	ug/L	89.0
09/27/94	G94-06-MW-07	MSMSD140926083302	NA	189	153	ug/L	81.0
09/27/94	G94-09-MW-08	MSMSD140926083302	NA	190	91.1	ug/L	48.0
09/27/94	G94-09-MW-12	MSMSD140926083302	NA	195	178	ug/L	91.0
09/27/94	G94-05-MW-05	MSMSD140927080202	NA	198	126	ug/L	63.0
09/27/94	G94-05-MW-11	MSMSD140927080202	NA	196	170	ug/L	87.0
09/27/94	G94-05-MW-15	MSMSD140927080202	NA	198	153	ug/L	77.0
09/27/94	G94-13-MW-38	MSMSD140927080202	NA	198	169	ug/L	86.0
09/28/94	G94-05-MW-02	MSMSD140927080202	NA	196	158	ug/L	80.0
09/28/94	G94-05-MW-04	MSMSD140927080202	NA	194	146	ug/L	75.0
09/28/94	G94-05-MW-07	MSMSD140927080202	NA	192	144	ug/L	75.0
09/28/94	G94-05-MW-14	MSMSD140927080202	NA	194	166	ug/L	86.0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol							
Type of Spike : Surrogate - Normal Sample, cont.							
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	196	189	ug/L	96.0
09/21/94	G94-05-MW-06	MSMSD240921075701	NA	189	206	ug/L	109
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	195	235	ug/L	120
09/21/94	G94-06-MW-05	MSMSD240921075701	NA	196	231	ug/L	118
09/21/94	G94-06-MW-06	MSMSD240921075701	NA	196	232	ug/L	118
09/21/94	G94-09-MW-01	MSMSD240921075701	NA	198	226	ug/L	114
09/21/94	G94-09-MW-02	MSMSD240921075701	NA	196	214	ug/L	109
09/21/94	G94-09-MW-03	MSMSD240921075701	NA	200	219	ug/L	110
09/21/94	G94-09-MW-05	MSMSD240921075701	NA	200	224	ug/L	112
09/21/94	G94-09-MW-06	MSMSD240921075701	NA	200	220	ug/L	110
09/21/94	G94-09-MW-15	MSMSD240921075701	NA	194	203	ug/L	105
09/21/94	G94-10-MW-03	MSMSD240921075701	NA	190	210	ug/L	110
09/22/94	G94-05-MW-13	MSMSD240922082701	NA	198	209	ug/L	106
09/28/94	G94-05-MW-03	MSMSD240927080202	NA	200	179	ug/L	90.0
Number of Samples : 33			Below acceptance : 0				
Mean % Recovery : 94.4			Above acceptance : 0				
Standard Deviation : 17.2			Acceptance Criteria 10-123				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorobiphenyl							
Type of Spike : Surrogate - Field Duplicate							
09/21/94	G94-06-MW-03-FD	MSMSD140921080601	NA	97.1	96.7	ug/L	100
09/27/94	G94-13-MW-37-FD	MSMSD140927080202	NA	97.1	83.9	ug/L	86.0
09/21/94	G94-09-MW-05-FD	MSMSD240921075701	NA	98.0	92.1	ug/L	94.0
09/28/94	G94-05-MW-02-FD	MSMSD240927080202	NA	102	85.9	ug/L	84.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 91.0			Above acceptance : 0				
Standard Deviation : 7.39			Acceptance Criteria 43-116				

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorobiphenyl							
Type of Spike : Surrogate - Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	83.1	ug/L	83.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	87.1	ug/L	87.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	91.8	ug/L	92.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	52.7	ug/L	53.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	90.0	ug/L	90.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	89.7	ug/L	90.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	93.3	ug/L	93.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	90.2	ug/L	90.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	54.5	ug/L	54.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	79.7	ug/L	80.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	85.4	ug/L	85.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	87.4	ug/L	87.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	75.4	ug/L	75.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	91.9	ug/L	92.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	75.0	ug/L	75.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	90.7	ug/L	91.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 82.3	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	43-116

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorobiphenyl							
Type of Spike : Surrogate - Matrix Spike							
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	96.6	88.5	ug/L	92.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	97.6	87.0	ug/L	89.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	98.0	93.6	ug/L	96.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	102	93.7	ug/L	92.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	102	92.5	ug/L	91.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	98.0	93.2	ug/L	95.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	100	94.1	ug/L	94.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	97.6	93.5	ug/L	96.0

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 93.1	Above acceptance :	0
Standard Deviation	: 2.53	Acceptance Criteria	43-116

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NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorobiphenyl							
Type of Spike : Surrogate - Method Blank							
09/21/94	BLK943961	MSMSD140921080601	NA	100	84.9	ug/L	85.0
09/26/94	BLK944139	MSMSD140926083300	NA	100	52.5	ug/L	52.0
09/27/94	BLK944201	MSMSD140927080202	NA	100	87.8	ug/L	88.0
09/28/94	BLK944201	MSMSD140928081901	NA	100	86.3	ug/L	86.0
09/21/94	BLK944071	MSMSD240921075701	NA	100	78.1	ug/L	78.0
09/22/94	BLK944096	MSMSD240922082701	NA	100	68.8	ug/L	69.0
09/27/94	BLK944149	MSMSD240927080202	NA	100	71.0	ug/L	71.0
09/27/94	BLK944165	MSMSD240927080201	NA	100	91.6	ug/L	92.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 77.6			Above acceptance : 0				
Standard Deviation : 13.2			Acceptance Criteria 43-116				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorobiphenyl							
Type of Spike : Surrogate - Normal Sample							
09/21/94	G94-02-GW-01	MSMSD140921080601	NA	96.6	85.6	ug/L	89.0
09/21/94	G94-02-GW-03	MSMSD140921080601	NA	96.2	82.4	ug/L	86.0
09/21/94	G94-02-GW-04	MSMSD140921080601	NA	102	94.7	ug/L	93.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	96.2	75.2	ug/L	78.0
09/21/94	G94-09-MW-04	MSMSD140921080601	NA	98.0	87.9	ug/L	90.0
09/26/94	G94-06-MW-01	MSMSD140926083302	NA	95.7	61.8	ug/L	65.0
09/26/94	G94-10-MW-01	MSMSD140926083302	NA	96.2	66.5	ug/L	69.0
09/27/94	G94-06-MW-04	MSMSD140926083302	NA	97.1	71.8	ug/L	74.0
09/27/94	G94-06-MW-07	MSMSD140926083302	NA	94.3	71.0	ug/L	75.0
09/27/94	G94-09-MW-08	MSMSD140926083302	NA	95.2	39.3	ug/L	41.0
09/27/94	G94-09-MW-12	MSMSD140926083302	NA	97.6	98.1	ug/L	101
09/27/94	G94-05-MW-05	MSMSD140927080202	NA	99.0	69.6	ug/L	70.0
09/27/94	G94-05-MW-11	MSMSD140927080202	NA	98.0	93.0	ug/L	95.0
09/27/94	G94-05-MW-15	MSMSD140927080202	NA	99.0	88.3	ug/L	89.0
09/27/94	G94-13-MW-38	MSMSD140927080202	NA	99.0	89.7	ug/L	91.0
09/28/94	G94-05-MW-02	MSMSD140927080202	NA	98.0	85.2	ug/L	87.0
09/28/94	G94-05-MW-04	MSMSD140927080202	NA	97.1	74.6	ug/L	77.0
09/28/94	G94-05-MW-07	MSMSD140927080202	NA	96.2	85.0	ug/L	88.0
09/28/94	G94-05-MW-14	MSMSD140927080202	NA	97.1	87.4	ug/L	90.0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorobiphenyl							
Type of Spike : Surrogate - Normal Sample, cont.							
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	98.0	92.6	ug/L	94.0
09/21/94	G94-05-MW-06	MSMSD240921075701	NA	94.3	86.4	ug/L	92.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	97.6	99.6	ug/L	102
09/21/94	G94-06-MW-05	MSMSD240921075701	NA	98.0	92.3	ug/L	94.0
09/21/94	G94-06-MW-06	MSMSD240921075701	NA	98.0	91.8	ug/L	94.0
09/21/94	G94-09-MW-01	MSMSD240921075701	NA	99.0	91.6	ug/L	92.0
09/21/94	G94-09-MW-02	MSMSD240921075701	NA	98.0	90.5	ug/L	92.0
09/21/94	G94-09-MW-03	MSMSD240921075701	NA	100	92.0	ug/L	92.0
09/21/94	G94-09-MW-05	MSMSD240921075701	NA	100	92.3	ug/L	92.0
09/21/94	G94-09-MW-06	MSMSD240921075701	NA	100	91.4	ug/L	91.0
09/21/94	G94-09-MW-15	MSMSD240921075701	NA	97.1	77.7	ug/L	80.0
09/21/94	G94-10-MW-03	MSMSD240921075701	NA	95.2	85.9	ug/L	90.0
09/22/94	G94-05-MW-13	MSMSD240922082701	NA	99.0	92.9	ug/L	94.0
09/28/94	G94-05-MW-03	MSMSD240927080202	NA	100	86.7	ug/L	87.0

Number of Samples	: 33	Below acceptance :	1
Mean % Recovery	: 85.9	Above acceptance :	0
Standard Deviation	: 12.0	Acceptance Criteria	43-116

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorophenol							
Type of Spike : Surrogate - Field Duplicate							
09/21/94	G94-06-MW-03-FD	MSMSD140921080601	NA	194	193	ug/L	99.0
09/27/94	G94-13-MW-37-FD	MSMSD140927080202	NA	194	128	ug/L	66.0
09/21/94	G94-09-MW-05-FD	MSMSD240921075701	NA	196	174	ug/L	89.0
09/28/94	G94-05-MW-02-FD	MSMSD240927080202	NA	204	126	ug/L	62.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 79.0	Above acceptance :	0
Standard Deviation	: 17.9	Acceptance Criteria	21-139

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorophenol							
Type of Spike : Surrogate - Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	200	187	ug/L	93.0
09/21/94	LCSD946174	MSMSD140921080601	NA	200	188	ug/L	94.0
09/26/94	LCS946427	MSMSD140926083300	NA	200	182	ug/L	91.0
09/26/94	LCSD946427	MSMSD140926083300	NA	200	180	ug/L	90.0
09/27/94	LCS946511	MSMSD140927080202	NA	200	139	ug/L	70.0
09/27/94	LCSD946511	MSMSD140927080202	NA	200	123	ug/L	62.0
09/28/94	LCS946511	MSMSD140928081901	NA	200	136	ug/L	68.0
09/28/94	LCSD946511	MSMSD140928081901	NA	200	122	ug/L	61.0
09/21/94	LCS946355	MSMSD240921075701	NA	200	182	ug/L	91.0
09/21/94	LCSD946355	MSMSD240921075701	NA	200	187	ug/L	94.0
09/22/94	LCS946381	MSMSD240922082701	NA	200	121	ug/L	60.0
09/22/94	LCSD946381	MSMSD240922082701	NA	200	116	ug/L	58.0
09/27/94	LCS946438	MSMSD240927080202	NA	200	122	ug/L	61.0
09/27/94	LCS946458	MSMSD240927080201	NA	200	184	ug/L	92.0
09/27/94	LCSD946438	MSMSD240927080202	NA	200	136	ug/L	68.0
09/27/94	LCSD946458	MSMSD240927080201	NA	200	185	ug/L	93.0

Number of Samples	: 16	Below acceptance :	0
Mean % Recovery	: 77.9	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	21-139

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorophenol							
Type of Spike : Surrogate - Matrix Spike							
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	195	173	ug/L	89.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	193	169	ug/L	88.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	196	129	ug/L	66.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	204	126	ug/L	62.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	196	131	ug/L	67.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	204	130	ug/L	64.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	195	173	ug/L	88.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	200	179	ug/L	90.0

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 76.8	Above acceptance :	0
Standard Deviation	: 12.9	Acceptance Criteria	21-139

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorophenol							
Type of Spike : Surrogate - Method Blank							
09/21/94	BLK943961	MSMSD140921080601	NA	200	191	ug/L	96.0
09/26/94	BLK944139	MSMSD140926083300	NA	200	175	ug/L	88.0
09/27/94	BLK944201	MSMSD140927080202	NA	200	121	ug/L	60.0
09/28/94	BLK944201	MSMSD140928081901	NA	200	117	ug/L	59.0
09/21/94	BLK944071	MSMSD240921075701	NA	200	188	ug/L	94.0
09/22/94	BLK944096	MSMSD240922082701	NA	200	104	ug/L	52.0
09/27/94	BLK944149	MSMSD240927080202	NA	200	112	ug/L	56.0
09/27/94	BLK944165	MSMSD240927080201	NA	200	191	ug/L	95.0

Number of Samples : 8 | Below acceptance : 0
Mean % Recovery : 75.0 | Above acceptance : 0
Standard Deviation : 19.8 | Acceptance Criteria 21-139

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorophenol							
Type of Spike : Surrogate - Normal Sample							
09/21/94	G94-02-GW-01	MSMSD140921080601	NA	193	172	ug/L	89.0
09/21/94	G94-02-GW-03	MSMSD140921080601	NA	192	179	ug/L	93.0
09/21/94	G94-02-GW-04	MSMSD140921080601	NA	204	190	ug/L	93.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	192	163	ug/L	85.0
09/21/94	G94-09-MW-04	MSMSD140921080601	NA	196	175	ug/L	89.0
09/26/94	G94-06-MW-01	MSMSD140926083302	NA	191	155	ug/L	81.0
09/26/94	G94-10-MW-01	MSMSD140926083302	NA	192	152	ug/L	79.0
09/27/94	G94-06-MW-04	MSMSD140926083302	NA	194	170	ug/L	88.0
09/27/94	G94-06-MW-07	MSMSD140926083302	NA	189	163	ug/L	86.0
09/27/94	G94-09-MW-08	MSMSD140926083302	NA	190	120	ug/L	63.0
09/27/94	G94-09-MW-12	MSMSD140926083302	NA	195	194	ug/L	100
09/27/94	G94-05-MW-05	MSMSD140927080202	NA	198	70.8	ug/L	36.0
09/27/94	G94-05-MW-11	MSMSD140927080202	NA	196	127	ug/L	65.0
09/27/94	G94-05-MW-15	MSMSD140927080202	NA	198	92.6	ug/L	47.0
09/27/94	G94-13-MW-38	MSMSD140927080202	NA	198	124	ug/L	63.0
09/28/94	G94-05-MW-02	MSMSD140927080202	NA	196	119	ug/L	60.0
09/28/94	G94-05-MW-04	MSMSD140927080202	NA	194	91.3	ug/L	47.0
09/28/94	G94-05-MW-07	MSMSD140927080202	NA	192	86.1	ug/L	45.0
09/28/94	G94-05-MW-14	MSMSD140927080202	NA	194	128	ug/L	66.0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorophenol							
Type of Spike : Surrogate - Normal Sample, cont.							
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	196	118	ug/L	60.0
09/21/94	G94-05-MW-06	MSMSD240921075701	NA	189	160	ug/L	85.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	195	179	ug/L	92.0
09/21/94	G94-06-MW-05	MSMSD240921075701	NA	196	174	ug/L	89.0
09/21/94	G94-06-MW-06	MSMSD240921075701	NA	196	170	ug/L	87.0
09/21/94	G94-09-MW-01	MSMSD240921075701	NA	198	179	ug/L	91.0
09/21/94	G94-09-MW-02	MSMSD240921075701	NA	196	165	ug/L	84.0
09/21/94	G94-09-MW-03	MSMSD240921075701	NA	200	174	ug/L	87.0
09/21/94	G94-09-MW-05	MSMSD240921075701	NA	200	181	ug/L	90.0
09/21/94	G94-09-MW-06	MSMSD240921075701	NA	200	170	ug/L	85.0
09/21/94	G94-09-MW-15	MSMSD240921075701	NA	194	168	ug/L	86.0
09/21/94	G94-10-MW-03	MSMSD240921075701	NA	190	167	ug/L	88.0
09/22/94	G94-05-MW-13	MSMSD240922082701	NA	198	130	ug/L	66.0
09/28/94	G94-05-MW-03	MSMSD240927080202	NA	200	84.8	ug/L	42.0
Number of Samples : 33			Below acceptance : 0				
Mean % Recovery : 76.0			Above acceptance : 0				
Standard Deviation : 17.7			Acceptance Criteria 21-139				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene-d5							
Type of Spike : Surrogate - Field Duplicate							
09/21/94	G94-06-MW-03-FD	MSMSD140921080601	NA	97.1	100	ug/L	103
09/27/94	G94-13-MW-37-FD	MSMSD140927080202	NA	97.1	94.0	ug/L	97.0
09/21/94	G94-09-MW-05-FD	MSMSD240921075701	NA	98.0	94.0	ug/L	96.0
09/28/94	G94-05-MW-02-FD	MSMSD240927080202	NA	102	90.2	ug/L	88.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 96.0			Above acceptance : 0				
Standard Deviation : 6.16			Acceptance Criteria 35-114				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene-d5							
Type of Spike : Surrogate - Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	96.1	ug/L	96.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	92.3	ug/L	92.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	91.7	ug/L	92.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	86.3	ug/L	86.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	91.8	ug/L	92.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	91.2	ug/L	91.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	92.2	ug/L	92.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	91.1	ug/L	91.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	94.0	ug/L	94.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	98.2	ug/L	98.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	96.1	ug/L	96.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	92.1	ug/L	92.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	91.2	ug/L	91.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	100	ug/L	100
09/27/94	LCSD946438	MSMSD240927080202	NA	100	99.5	ug/L	100
09/27/94	LCSD946458	MSMSD240927080201	NA	100	98.6	ug/L	99.0
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 93.9			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 35-114				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene-d5							
Type of Spike : Surrogate - Matrix Spike							
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	97.6	94.5	ug/L	97.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	96.6	90.4	ug/L	94.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	102	94.2	ug/L	92.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	98.0	92.5	ug/L	94.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	98.0	91.8	ug/L	94.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	102	95.4	ug/L	94.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	97.6	92.7	ug/L	95.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	100	95.4	ug/L	95.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 94.4			Above acceptance : 0				
Standard Deviation : 1.41			Acceptance Criteria 35-114				

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene-d5							
Type of Spike : Surrogate - Method Blank							
09/21/94	BLK943961	MSMSD140921080601	NA	100	94.3	ug/L	94.0
09/26/94	BLK944139	MSMSD140926083300	NA	100	83.5	ug/L	84.0
09/27/94	BLK944201	MSMSD140927080202	NA	100	91.0	ug/L	91.0
09/28/94	BLK944201	MSMSD140928081901	NA	100	89.6	ug/L	90.0
09/21/94	BLK944071	MSMSD240921075701	NA	100	97.5	ug/L	98.0
09/22/94	BLK944096	MSMSD240922082701	NA	100	78.2	ug/L	78.0
09/27/94	BLK944149	MSMSD240927080202	NA	100	83.7	ug/L	84.0
09/27/94	BLK944165	MSMSD240927080201	NA	100	104	ug/L	104
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 90.4			Above acceptance : 0				
Standard Deviation : 8.38			Acceptance Criteria 35-114				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene-d5							
Type of Spike : Surrogate - Normal Sample							
09/21/94	G94-02-GW-01	MSMSD140921080601	NA	96.6	88.6	ug/L	92.0
09/21/94	G94-02-GW-03	MSMSD140921080601	NA	96.2	90.8	ug/L	94.0
09/21/94	G94-02-GW-04	MSMSD140921080601	NA	102	101	ug/L	99.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	96.2	84.4	ug/L	88.0
09/21/94	G94-09-MW-04	MSMSD140921080601	NA	98.0	89.9	ug/L	92.0
09/26/94	G94-06-MW-01	MSMSD140926083302	NA	95.7	77.2	ug/L	81.0
09/26/94	G94-10-MW-01	MSMSD140926083302	NA	96.2	76.4	ug/L	79.0
09/27/94	G94-06-MW-04	MSMSD140926083302	NA	97.1	87.3	ug/L	90.0
09/27/94	G94-06-MW-07	MSMSD140926083302	NA	94.3	85.0	ug/L	90.0
09/27/94	G94-09-MW-08	MSMSD140926083302	NA	95.2	75.4	ug/L	79.0
09/27/94	G94-09-MW-12	MSMSD140926083302	NA	97.6	92.7	ug/L	95.0
09/27/94	G94-05-MW-05	MSMSD140927080202	NA	99.0	92.6	ug/L	94.0
09/27/94	G94-05-MW-11	MSMSD140927080202	NA	98.0	104	ug/L	106
09/27/94	G94-05-MW-15	MSMSD140927080202	NA	99.0	87.6	ug/L	88.0
09/27/94	G94-13-MW-38	MSMSD140927080202	NA	99.0	90.4	ug/L	91.0
09/28/94	G94-05-MW-02	MSMSD140927080202	NA	98.0	83.0	ug/L	85.0
09/28/94	G94-05-MW-04	MSMSD140927080202	NA	97.1	93.6	ug/L	96.0
09/28/94	G94-05-MW-07	MSMSD140927080202	NA	96.2	97.7	ug/L	102
09/28/94	G94-05-MW-14	MSMSD140927080202	NA	97.1	90.4	ug/L	93.0

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene-d5							
Type of Spike : Surrogate - Normal Sample, cont.							
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	98.0	92.4	ug/L	94.0
09/21/94	G94-05-MW-06	MSMSD240921075701	NA	94.3	85.4	ug/L	90.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	97.6	99.2	ug/L	102
09/21/94	G94-06-MW-05	MSMSD240921075701	NA	98.0	96.2	ug/L	98.0
09/21/94	G94-06-MW-06	MSMSD240921075701	NA	98.0	91.0	ug/L	93.0
09/21/94	G94-09-MW-01	MSMSD240921075701	NA	99.0	93.2	ug/L	94.0
09/21/94	G94-09-MW-02	MSMSD240921075701	NA	98.0	89.2	ug/L	91.0
09/21/94	G94-09-MW-03	MSMSD240921075701	NA	100	93.2	ug/L	93.0
09/21/94	G94-09-MW-05	MSMSD240921075701	NA	100	98.8	ug/L	99.0
09/21/94	G94-09-MW-06	MSMSD240921075701	NA	100	90.9	ug/L	91.0
09/21/94	G94-09-MW-15	MSMSD240921075701	NA	97.1	92.9	ug/L	96.0
09/21/94	G94-10-MW-03	MSMSD240921075701	NA	95.2	89.3	ug/L	94.0
09/22/94	G94-05-MW-13	MSMSD240922082701	NA	99.0	94.0	ug/L	95.0
09/28/94	G94-05-MW-03	MSMSD240927080202	NA	100	89.5	ug/L	90.0
Number of Samples : 33			Below acceptance : 0				
Mean % Recovery : 92.5			Above acceptance : 0				
Standard Deviation : 6.00			Acceptance Criteria 35-114				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol-d5							
Type of Spike : Surrogate - Field Duplicate							
09/21/94	G94-06-MW-03-FD	MSMSD140921080601	NA	194	203	ug/L	105
09/27/94	G94-13-MW-37-FD	MSMSD140927080202	NA	194	86.8	ug/L	45.0
09/21/94	G94-09-MW-05-FD	MSMSD240921075701	NA	196	177	ug/L	90.0
09/28/94	G94-05-MW-02-FD	MSMSD240927080202	NA	204	87.2	ug/L	43.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 70.8			Above acceptance : 0				
Standard Deviation : 31.5			Acceptance Criteria 4-162				

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TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol-d5							
Type of Spike : Surrogate - Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	200	190	ug/L	95.0
09/21/94	LCSD946174	MSMSD140921080601	NA	200	190	ug/L	95.0
09/26/94	LCS946427	MSMSD140926083300	NA	200	188	ug/L	94.0
09/26/94	LCSD946427	MSMSD140926083300	NA	200	180	ug/L	90.0
09/27/94	LCS946511	MSMSD140927080202	NA	200	92.0	ug/L	46.0
09/27/94	LCSD946511	MSMSD140927080202	NA	200	81.2	ug/L	41.0
09/28/94	LCS946511	MSMSD140928081901	NA	200	90.3	ug/L	45.0
09/28/94	LCSD946511	MSMSD140928081901	NA	200	79.6	ug/L	40.0
09/21/94	LCS946355	MSMSD240921075701	NA	200	184	ug/L	92.0
09/21/94	LCSD946355	MSMSD240921075701	NA	200	190	ug/L	95.0
09/22/94	LCS946381	MSMSD240922082701	NA	200	81.5	ug/L	41.0
09/22/94	LCSD946381	MSMSD240922082701	NA	200	76.8	ug/L	38.0
09/27/94	LCS946438	MSMSD240927080202	NA	200	85.2	ug/L	43.0
09/27/94	LCS946458	MSMSD240927080201	NA	200	190	ug/L	95.0
09/27/94	LCSD946438	MSMSD240927080202	NA	200	91.6	ug/L	46.0
09/27/94	LCSD946458	MSMSD240927080201	NA	200	190	ug/L	95.0
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 68.2			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 4-162				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol-d5							
Type of Spike : Surrogate - Matrix Spike							
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	193	173	ug/L	90.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	195	175	ug/L	90.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	196	85.6	ug/L	44.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	204	83.7	ug/L	41.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	196	86.9	ug/L	44.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	204	84.5	ug/L	41.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	195	180	ug/L	92.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	200	184	ug/L	92.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 66.8			Above acceptance : 0				
Standard Deviation : 26.0			Acceptance Criteria 4-162				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol-d5							
Type of Spike : Surrogate - Method Blank							
09/21/94	BLK943961	MSMSD140921080601	NA	200	194	ug/L	97.0
09/26/94	BLK944139	MSMSD140926083300	NA	200	180	ug/L	90.0
09/27/94	BLK944201	MSMSD140927080202	NA	200	78.8	ug/L	39.0
09/28/94	BLK944201	MSMSD140928081901	NA	200	76.1	ug/L	38.0
09/21/94	BLK944071	MSMSD240921075701	NA	200	196	ug/L	98.0
09/22/94	BLK944096	MSMSD240922082701	NA	200	69.7	ug/L	35.0
09/27/94	BLK944149	MSMSD240927080202	NA	200	77.5	ug/L	39.0
09/27/94	BLK944165	MSMSD240927080201	NA	200	195	ug/L	98.0

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 66.8	Above acceptance :	0
Standard Deviation	: 31.1	Acceptance Criteria	4-162

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol-d5							
Type of Spike : Surrogate - Normal Sample							
09/21/94	G94-02-GW-01	MSMSD140921080601	NA	193	176	ug/L	91.0
09/21/94	G94-02-GW-03	MSMSD140921080601	NA	192	191	ug/L	99.0
09/21/94	G94-02-GW-04	MSMSD140921080601	NA	204	200	ug/L	98.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	192	174	ug/L	90.0
09/21/94	G94-09-MW-04	MSMSD140921080601	NA	196	185	ug/L	94.0
09/26/94	G94-06-MW-01	MSMSD140926083302	NA	191	158	ug/L	83.0
09/26/94	G94-10-MW-01	MSMSD140926083302	NA	192	159	ug/L	83.0
09/27/94	G94-06-MW-04	MSMSD140926083302	NA	194	180	ug/L	93.0
09/27/94	G94-06-MW-07	MSMSD140926083302	NA	189	172	ug/L	91.0
09/27/94	G94-09-MW-08	MSMSD140926083302	NA	190	118	ug/L	62.0
09/27/94	G94-09-MW-12	MSMSD140926083302	NA	195	189	ug/L	97.0
09/27/94	G94-05-MW-05	MSMSD140927080202	NA	198	67.9	ug/L	34.0
09/27/94	G94-05-MW-11	MSMSD140927080202	NA	196	86.5	ug/L	44.0
09/27/94	G94-05-MW-15	MSMSD140927080202	NA	198	63.0	ug/L	32.0
09/27/94	G94-13-MW-38	MSMSD140927080202	NA	198	90.3	ug/L	46.0
09/28/94	G94-05-MW-02	MSMSD140927080202	NA	196	81.1	ug/L	41.0
09/28/94	G94-05-MW-04	MSMSD140927080202	NA	194	68.3	ug/L	35.0
09/28/94	G94-05-MW-07	MSMSD140927080202	NA	192	66.8	ug/L	35.0
09/28/94	G94-05-MW-14	MSMSD140927080202	NA	194	86.4	ug/L	44.0

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol-d5							
Type of Spike : Surrogate - Normal Sample, cont.							
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	196	76.8	ug/L	39.0
09/21/94	G94-05-MW-06	MSMSD240921075701	NA	189	163	ug/L	86.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	195	190	ug/L	97.0
09/21/94	G94-06-MW-05	MSMSD240921075701	NA	196	177	ug/L	90.0
09/21/94	G94-06-MW-06	MSMSD240921075701	NA	196	176	ug/L	90.0
09/21/94	G94-09-MW-01	MSMSD240921075701	NA	198	181	ug/L	91.0
09/21/94	G94-09-MW-02	MSMSD240921075701	NA	196	168	ug/L	86.0
09/21/94	G94-09-MW-03	MSMSD240921075701	NA	200	174	ug/L	87.0
09/21/94	G94-09-MW-05	MSMSD240921075701	NA	200	179	ug/L	89.0
09/21/94	G94-09-MW-06	MSMSD240921075701	NA	200	174	ug/L	87.0
09/21/94	G94-09-MW-15	MSMSD240921075701	NA	194	174	ug/L	89.0
09/21/94	G94-10-MW-03	MSMSD240921075701	NA	190	166	ug/L	87.0
09/22/94	G94-05-MW-13	MSMSD240922082701	NA	198	88.5	ug/L	45.0
09/28/94	G94-05-MW-03	MSMSD240927080202	NA	200	58.6	ug/L	29.0
Number of Samples : 33			Below acceptance : 0				
Mean % Recovery : 72.2			Above acceptance : 0				
Standard Deviation : 25.2			Acceptance Criteria 4-162				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14							
Type of Spike : Surrogate - Field Duplicate							
09/21/94	G94-06-MW-03-FD	MSMSD140921080601	NA	97.1	110	ug/L	113
09/27/94	G94-13-MW-37-FD	MSMSD140927080202	NA	97.1	103	ug/L	106
09/21/94	G94-09-MW-05-FD	MSMSD240921075701	NA	98.0	91.6	ug/L	93.0
09/28/94	G94-05-MW-02-FD	MSMSD240927080202	NA	102	96.3	ug/L	94.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 102			Above acceptance : 0				
Standard Deviation : 9.68			Acceptance Criteria 33-141				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14							
Type of Spike : Surrogate - Laboratory Control							
09/21/94	LCS946174	MSMSD140921080601	NA	100	97.1	ug/L	97.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	100	ug/L	100
09/26/94	LCS946427	MSMSD140926083300	NA	100	102	ug/L	102
09/26/94	LCSD946427	MSMSD140926083300	NA	100	89.1	ug/L	89.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	96.9	ug/L	97.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	95.6	ug/L	96.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	101	ug/L	101
09/28/94	LCSD946511	MSMSD140928081901	NA	100	99.6	ug/L	100
09/21/94	LCS946355	MSMSD240921075701	NA	100	99.3	ug/L	99.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	104	ug/L	104
09/22/94	LCS946381	MSMSD240922082701	NA	100	100	ug/L	100
09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.4	ug/L	99.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	99.6	ug/L	100
09/27/94	LCS946458	MSMSD240927080201	NA	100	101	ug/L	101
09/27/94	LCSD946438	MSMSD240927080202	NA	100	96.3	ug/L	96.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	97.1	ug/L	97.0
Number of Samples : 16			Below acceptance : 0				
Mean % Recovery : 98.6			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 33-141				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14							
Type of Spike : Surrogate - Matrix Spike							
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	96.6	97.5	ug/L	101
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	97.6	94.8	ug/L	97.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	98.0	97.9	ug/L	100
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	102	98.3	ug/L	96.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	102	103	ug/L	101
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	98.0	93.8	ug/L	96.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	100	97.2	ug/L	97.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	97.6	95.8	ug/L	98.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 98.3			Above acceptance : 0				
Standard Deviation : 2.12			Acceptance Criteria 33-141				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14							
Type of Spike : Surrogate - Method Blank							
09/21/94	BLK943961	MSMSD140921080601	NA	100	101	ug/L	101
09/26/94	BLK944139	MSMSD140926083300	NA	100	96.2	ug/L	96.0
09/27/94	BLK944201	MSMSD140927080202	NA	100	105	ug/L	105
09/28/94	BLK944201	MSMSD140928081901	NA	100	102	ug/L	102
09/21/94	BLK944071	MSMSD240921075701	NA	100	102	ug/L	102
09/22/94	BLK944096	MSMSD240922082701	NA	100	91.2	ug/L	91.0
09/27/94	BLK944149	MSMSD240927080202	NA	100	86.8	ug/L	87.0
09/27/94	BLK944165	MSMSD240927080201	NA	100	98.1	ug/L	98.0

Number of Samples	: 8	Below acceptance :	0
Mean % Recovery	: 97.8	Above acceptance :	0
Standard Deviation	: 6.14	Acceptance Criteria	33-141

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14							
Type of Spike : Surrogate - Normal Sample							
09/21/94	G94-02-GW-01	MSMSD140921080601	NA	96.6	96.1	ug/L	100
09/21/94	G94-02-GW-03	MSMSD140921080601	NA	96.2	103	ug/L	107
09/21/94	G94-02-GW-04	MSMSD140921080601	NA	102	111	ug/L	109
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	96.2	95.7	ug/L	100
09/21/94	G94-09-MW-04	MSMSD140921080601	NA	98.0	103	ug/L	105
09/26/94	G94-06-MW-01	MSMSD140926083302	NA	95.7	93.2	ug/L	97.0
09/26/94	G94-10-MW-01	MSMSD140926083302	NA	96.2	93.4	ug/L	97.0
09/27/94	G94-06-MW-04	MSMSD140926083302	NA	97.1	94.3	ug/L	97.0
09/27/94	G94-06-MW-07	MSMSD140926083302	NA	94.3	91.9	ug/L	97.0
09/27/94	G94-09-MW-08	MSMSD140926083302	NA	95.2	69.1	ug/L	73.0
09/27/94	G94-09-MW-12	MSMSD140926083302	NA	97.6	97.8	ug/L	100
09/27/94	G94-05-MW-05	MSMSD140927080202	NA	99.0	110	ug/L	111
09/27/94	G94-05-MW-11	MSMSD140927080202	NA	98.0	105	ug/L	107
09/27/94	G94-05-MW-15	MSMSD140927080202	NA	99.0	100	ug/L	101
09/27/94	G94-13-MW-38	MSMSD140927080202	NA	99.0	103	ug/L	105
09/28/94	G94-05-MW-02	MSMSD140927080202	NA	98.0	98.8	ug/L	101
09/28/94	G94-05-MW-04	MSMSD140927080202	NA	97.1	94.3	ug/L	97.0
09/28/94	G94-05-MW-07	MSMSD140927080202	NA	96.2	101	ug/L	105
09/28/94	G94-05-MW-14	MSMSD140927080202	NA	97.1	106	ug/L	110

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14							
Type of Spike : Surrogate - Normal Sample, cont.							
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	98.0	104	ug/L	106
09/21/94	G94-05-MW-06	MSMSD240921075701	NA	94.3	85.0	ug/L	90.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	97.6	101	ug/L	104
09/21/94	G94-06-MW-05	MSMSD240921075701	NA	98.0	96.9	ug/L	99.0
09/21/94	G94-06-MW-06	MSMSD240921075701	NA	98.0	91.7	ug/L	94.0
09/21/94	G94-09-MW-01	MSMSD240921075701	NA	99.0	90.9	ug/L	92.0
09/21/94	G94-09-MW-02	MSMSD240921075701	NA	98.0	91.0	ug/L	93.0
09/21/94	G94-09-MW-03	MSMSD240921075701	NA	100	90.2	ug/L	90.0
09/21/94	G94-09-MW-05	MSMSD240921075701	NA	100	88.3	ug/L	88.0
09/21/94	G94-09-MW-06	MSMSD240921075701	NA	100	90.2	ug/L	90.0
09/21/94	G94-09-MW-15	MSMSD240921075701	NA	97.1	93.7	ug/L	96.0
09/21/94	G94-10-MW-03	MSMSD240921075701	NA	95.2	86.8	ug/L	91.0
09/22/94	G94-05-MW-13	MSMSD240922082701	NA	99.0	95.9	ug/L	97.0
09/28/94	G94-05-MW-03	MSMSD240927080202	NA	100	94.0	ug/L	94.0

Number of Samples	: 33	Below acceptance :	0
Mean % Recovery	: 98.3	Above acceptance :	0
Standard Deviation	: 7.79	Acceptance Criteria	33-141

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

ATTACHMENT C - APPENDIX B

Table A-2.2

Detailed Listing of Liquid Spike Results - 1994 Soil Samples

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Gasoline Range Organics							
Type of Spike : Laboratory Control							
10/01/94	Lab Control Duplicate	58743C01	NA	6.00	5.70	%	95.0
10/01/94	Lab Control Sample	58743C01	NA	6.00	5.40	%	90.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 92.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	75-125

Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Equipment Blank							
10/01/94	G94-DD-SS-03-EB	58743C01	NA	25.0	24.0	ug/L	97.0
10/01/94	G94-PO-SS-02-EB	58743C01	NA	25.0	24.0	ug/L	98.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 97.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	60-120

Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Method Blank							
10/01/94	METHOD BLANK	58743C01	NA	25.0	24.0	ug/L	96.0

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 96.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	60-120

Method : AK101 - Gasoline Range Organics
Spiked Analyte : Trifluorotoluene
Type of Spike : Surrogate - Trip Blank

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Trip Blank, cont.							
10/01/94	G94-TB-09	58743C01	NA	25.0	24.0	ug/L	96.0
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 96.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 60-120				
Method : AK102 - Diesel Range Organics							
Spiked Analyte : Diesel Range Organics							
Type of Spike : Laboratory Control							
09/29/94	Lab Control Duplicate	58743D01	NA	100	99.0	%	99.0
09/29/94	Lab Control Sample	58743D01	NA	100	117	%	117
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 108			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				
Method : AK102 - Diesel Range Organics							
Spiked Analyte : Tetracosane							
Type of Spike : Surrogate - Equipment Blank							
10/01/94	G94-DD-SS-03-EB	58743D01	NA	25.0	22.0	ug/L	96.0
10/01/94	G94-PO-SS-02-EB	58743D01	NA	25.0	21.0	ug/L	76.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 86.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 60-120				
Method : AK102 - Diesel Range Organics							
Spiked Analyte : Tetracosane							
Type of Spike : Surrogate - Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : AK102 - Diesel Range Organics							
Spiked Analyte : Tetracosane							
Type of Spike : Surrogate - Laboratory Control, cont.							
09/29/94	Lab Control Duplicate	58743D01	NA	27.0	30.0	%	110
09/29/94	Lab Control Sample	58743D01	NA	27.0	31.0	%	116

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 113	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	60-120

Method : SW6010 - Metals							
Spiked Analyte : Aluminum							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	50.0	44.0	mg/L	88.0
10/05/94	LCS946664	EMJA6141005100004	NA	50.0	44.5	mg/L	89.0
10/05/94	LCSD946637	EMJA6141005100004	NA	50.0	44.3	mg/L	89.0
10/05/94	LCSD946664	EMJA6141005100004	NA	50.0	44.6	mg/L	89.0
10/13/94	LCS946909	EMJA6141013184501	NA	10.0	10.0	mg/L	100
10/13/94	LCSD946909	EMJA6141013184501	NA	10.0	9.96	mg/L	100

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 92.5	Above acceptance :	0
Standard Deviation	: 5.82	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Antimony							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.819	mg/L	82.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.814	mg/L	81.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.903	mg/L	90.0
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.894	mg/L	89.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.970	mg/L	97.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.979	mg/L	98.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 89.5	Above acceptance :	0
Standard Deviation	: 7.18	Acceptance Criteria	80-120

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW6010 - Metals							
Spiked Analyte : Arsenic							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.880	mg/L	88.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.872	mg/L	87.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.874	mg/L	87.0
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.809	mg/L	81.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.958	mg/L	96.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.978	mg/L	98.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 89.5	Above acceptance :	0
Standard Deviation	: 6.35	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Barium							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.912	mg/L	91
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.916	mg/L	92.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.919	mg/L	92.0
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.922	mg/L	92.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.983	mg/L	98.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.979	mg/L	98.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 93.8	Above acceptance :	0
Standard Deviation	: 3.25	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Beryllium							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.916	mg/L	92.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.928	mg/L	93.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.924	mg/L	92.0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Beryllium							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.934	mg/L	93.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	1.01	mg/L	101
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	1.01	mg/L	101
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 95.3			Above acceptance : 0				
Standard Deviation : 4.41			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Cadmium							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.808	mg/L	81.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.822	mg/L	82.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.817	mg/L	82.0
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.807	mg/L	81.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.925	mg/L	93.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.930	mg/L	93.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 85.3			Above acceptance : 0				
Standard Deviation : 5.96			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Calcium							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	50.0	45.6	mg/L	91.0
10/05/94	LCS946664	EMJA6141005100004	NA	50.0	46.5	mg/L	93.0
10/05/94	LCSD946637	EMJA6141005100004	NA	50.0	46.0	mg/L	92.0
10/05/94	LCSD946664	EMJA6141005100004	NA	50.0	46.6	mg/L	93.0
10/13/94	LCS946909	EMJA6141013184501	NA	10.0	10.3	mg/L	103
10/13/94	LCSD946909	EMJA6141013184501	NA	10.0	10.3	mg/L	103
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 95.8			Above acceptance : 0				
Standard Deviation : 5.60			Acceptance Criteria 80-120				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Chromium							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.855	mg/L	86.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.862	mg/L	86.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.860	mg/L	86.0
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.874	mg/L	87.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.960	mg/L	96.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.960	mg/L	96.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 89.5	Above acceptance :	0
Standard Deviation	: 5.05	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Cobalt							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.843	mg/L	84
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.846	mg/L	85.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.856	mg/L	86.0
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.859	mg/L	86.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.954	mg/L	95.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.950	mg/L	95.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 88.5	Above acceptance :	0
Standard Deviation	: 5.09	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Copper							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.899	mg/L	90.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.904	mg/L	90.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.899	mg/L	90.0

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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Copper							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.901	mg/L	90.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.973	mg/L	97.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.964	mg/L	96.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 92.2			Above acceptance : 0				
Standard Deviation : 3.37			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Iron							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	50.0	43.9	mg/L	88.0
10/05/94	LCS946664	EMJA6141005100004	NA	50.0	44.6	mg/L	89.0
10/05/94	LCSD946637	EMJA6141005100004	NA	50.0	44.1	mg/L	88.0
10/05/94	LCSD946664	EMJA6141005100004	NA	50.0	44.7	mg/L	89.0
10/13/94	LCS946909	EMJA6141013184501	NA	10.0	9.78	mg/L	98.0
10/13/94	LCSD946909	EMJA6141013184501	NA	10.0	9.71	mg/L	97.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 91.5			Above acceptance : 0				
Standard Deviation : 4.68			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Lead							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.825	mg/L	82.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.759	mg/L	76.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.852	mg/L	85.0
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.772	mg/L	77.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.942	mg/L	94.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.930	mg/L	93.0
Number of Samples : 6			Below acceptance : 2				
Mean % Recovery : 84.5			Above acceptance : 0				
Standard Deviation : 7.71			Acceptance Criteria 80-120				

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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW6010 - Metals							
Spiked Analyte : Magnesium							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	50.0	44.6	mg/L	89.0
10/05/94	LCS946664	EMJA6141005100004	NA	50.0	45.2	mg/L	90.0
10/05/94	LCSD946637	EMJA6141005100004	NA	50.0	44.9	mg/L	90.0
10/05/94	LCSD946664	EMJA6141005100004	NA	50.0	45.4	mg/L	91.0
10/13/94	LCS946909	EMJA6141013184501	NA	10.0	9.90	mg/L	99.0
10/13/94	LCSD946909	EMJA6141013184501	NA	10.0	9.89	mg/L	99.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 93.0			Above acceptance : 0				
Standard Deviation : 4.69			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Manganese							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.850	mg/L	85.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.857	mg/L	86.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.854	mg/L	85.0
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.857	mg/L	86.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.957	mg/L	96.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.958	mg/L	96.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 89.0			Above acceptance : 0				
Standard Deviation : 5.44			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Molybdenum							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.907	mg/L	91.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.921	mg/L	92.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.908	mg/L	91.0

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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Molybdenum							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.926	mg/L	93.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.996	mg/L	100
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.996	mg/L	100

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 94.5	Above acceptance :	0
Standard Deviation	: 4.32	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Nickel							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.862	mg/L	86.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.883	mg/L	88.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.878	mg/L	88.0
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.858	mg/L	86.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.938	mg/L	94.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.968	mg/L	97.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 89.8	Above acceptance :	0
Standard Deviation	: 4.58	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Potassium							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	50.0	45.3	mg/L	91.0
10/05/94	LCS946664	EMJA6141005100004	NA	50.0	46.0	mg/L	92.0
10/05/94	LCSD946637	EMJA6141005100004	NA	50.0	45.5	mg/L	91.0
10/05/94	LCSD946664	EMJA6141005100004	NA	50.0	45.7	mg/L	91.0
10/13/94	LCS946909	EMJA6141013184501	NA	20.0	19.1	mg/L	96.0
10/13/94	LCSD946909	EMJA6141013184501	NA	20.0	19.5	mg/L	98.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 93.2	Above acceptance :	0
Standard Deviation	: 3.06	Acceptance Criteria	80-120

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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW6010 - Metals Spiked Analyte : Selenium Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.874	mg/L	87.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.809	mg/L	81.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.885	mg/L	88.0
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.854	mg/L	85.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.977	mg/L	98.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.882	mg/L	88.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 87.8	Above acceptance :	0
Standard Deviation	: 5.64	Acceptance Criteria	80-120

Method : SW6010 - Metals Spiked Analyte : Silver Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.827	mg/L	83.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.827	mg/L	83.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.824	mg/L	82.0
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.830	mg/L	83.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.919	mg/L	92.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.919	mg/L	92.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 85.8	Above acceptance :	0
Standard Deviation	: 4.79	Acceptance Criteria	80-120

Method : SW6010 - Metals Spiked Analyte : Sodium Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	50.0	45.0	mg/L	90.0
10/05/94	LCS946664	EMJA6141005100004	NA	50.0	45.8	mg/L	92.0
10/05/94	LCSD946637	EMJA6141005100004	NA	50.0	45.7	mg/L	91.0

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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Sodium							
Type of Spike : Laboratory Control, cont.							
10/05/94	LCSD946664	EMJA6141005100004	NA	50.0	46.0	mg/L	92.0
10/13/94	LCS946909	EMJA6141013184501	NA	10.0	9.88	mg/L	99.0
10/13/94	LCSD946909	EMJA6141013184501	NA	10.0	9.90	mg/L	99.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 93.8			Above acceptance : 0				
Standard Deviation : 4.07			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Thallium							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.878	mg/L	88.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.837	mg/L	84.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.831	mg/L	83.0
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.860	mg/L	86.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.917	mg/L	92.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.957	mg/L	96.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 88.2			Above acceptance : 0				
Standard Deviation : 5.00			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Vanadium							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.879	mg/L	88.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.880	mg/L	88.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.878	mg/L	88.0
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.887	mg/L	89.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.968	mg/L	97.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.965	mg/L	97.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 91.2			Above acceptance : 0				
Standard Deviation : 4.54			Acceptance Criteria 80-120				

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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Zinc							
Type of Spike : Laboratory Control							
10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.823	mg/L	82.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.829	mg/L	83.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.829	mg/L	83.0
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.832	mg/L	83.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.960	mg/L	96.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.960	mg/L	96.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 87.2			Above acceptance : 0				
Standard Deviation : 6.85			Acceptance Criteria 80-120				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 4,4'-DDT							
Type of Spike : Laboratory Control							
10/14/94	LCS946620	CHGC7A41014120001	NA	0.500	0.500	ug/L	1
10/14/94	LCSD946620	CHGC7A41014120001	NA	0.500	0.514	ug/L	103
10/22/94	LCS946743	CHGC7A41021120002	NA	0.500	0.512	ug/L	102
10/22/94	LCSD946743	CHGC7A41021120002	NA	0.500	0.508	ug/L	102
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 102			Above acceptance : 0				
Standard Deviation : 1.26			Acceptance Criteria 25-160				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Aldrin							
Type of Spike : Laboratory Control							
10/14/94	LCS946620	CHGC7A41014120001	NA	0.250	0.248	ug/L	99.0
10/14/94	LCSD946620	CHGC7A41014120001	NA	0.250	0.242	ug/L	97.0
10/22/94	LCS946743	CHGC7A41021120002	NA	0.250	0.228	ug/L	91.0
10/22/94	LCSD946743	CHGC7A41021120002	NA	0.250	0.222	ug/L	89.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 94.0			Above acceptance : 0				
Standard Deviation : 4.76			Acceptance Criteria 42-122				

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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dieldrin							
Type of Spike : Laboratory Control							
10/14/94	LCS946620	CHGC7A41014120001	NA	0.500	0.517	ug/L	103
10/14/94	LCSD946620	CHGC7A41014120001	NA	0.500	0.512	ug/L	102
10/22/94	LCS946743	CHGC7A41021120002	NA	0.500	0.484	ug/L	97.0
10/22/94	LCSD946743	CHGC7A41021120002	NA	0.500	0.471	ug/L	94.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 99.0			Above acceptance : 0				
Standard Deviation : 4.24			Acceptance Criteria 36-146				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Endosulfan II							
Type of Spike : Laboratory Control							
10/14/94	LCS946620	CHGC7A41014120001	NA	0.500	0.536	ug/L	107
10/14/94	LCSD946620	CHGC7A41014120001	NA	0.500	0.534	ug/L	107
10/22/94	LCS946743	CHGC7A41021120002	NA	0.500	0.535	ug/L	107
10/22/94	LCSD946743	CHGC7A41021120002	NA	0.500	0.523	ug/L	105
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 107			Above acceptance : 0				
Standard Deviation : 1.00			Acceptance Criteria D-202				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Endrin							
Type of Spike : Laboratory Control							
10/14/94	LCS946620	CHGC7A41014120001	NA	0.500	0.493	ug/L	99.0
10/14/94	LCSD946620	CHGC7A41014120001	NA	0.500	0.486	ug/L	97.0
10/22/94	LCS946743	CHGC7A41021120002	NA	0.500	0.480	ug/L	96.0
10/22/94	LCSD946743	CHGC7A41021120002	NA	0.500	0.482	ug/L	96.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 97.0			Above acceptance : 0				
Standard Deviation : 1.41			Acceptance Criteria 30-147				

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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Endrin Aldehyde							
Type of Spike : Laboratory Control							
10/14/94	LCS946620	CHGC7A41014120001	NA	0.500	0.614	ug/L	123
10/14/94	LCSD946620	CHGC7A41014120001	NA	0.500	0.624	ug/L	125
10/22/94	LCS946743	CHGC7A41021120002	NA	0.500	0.627	ug/L	125
10/22/94	LCSD946743	CHGC7A41021120002	NA	0.500	0.634	ug/L	127
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 125			Above acceptance : 0				
Standard Deviation : 1.63			Acceptance Criteria NS				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Heptachlor							
Type of Spike : Laboratory Control							
10/14/94	LCS946620	CHGC7A41014120001	NA	0.250	0.261	ug/L	105
10/14/94	LCSD946620	CHGC7A41014120001	NA	0.250	0.255	ug/L	
10/22/94	LCS946743	CHGC7A41021120002	NA	0.250	0.239	ug/L	9[illegible]
10/22/94	LCSD946743	CHGC7A41021120002	NA	0.250	0.233	ug/L	93.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 99.0			Above acceptance : 0				
Standard Deviation : 5.48			Acceptance Criteria 34-120				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Heptachlor epoxide							
Type of Spike : Laboratory Control							
10/14/94	LCS946620	CHGC7A41014120001	NA	0.250	0.283	ug/L	113
10/14/94	LCSD946620	CHGC7A41014120001	NA	0.250	0.276	ug/L	110
10/22/94	LCS946743	CHGC7A41021120002	NA	0.250	0.246	ug/L	99.0
10/22/94	LCSD946743	CHGC7A41021120002	NA	0.250	0.254	ug/L	102
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 106			Above acceptance : 0				
Standard Deviation : 6.58			Acceptance Criteria 37-142				

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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : PCB-1016							
Type of Spike : Laboratory Control							
10/14/94	LCS946621	CHGC7A41014120001	NA	2.50	2.09	ug/L	84.0
10/14/94	LCSD946621	CHGC7A41014120001	NA	2.50	2.06	ug/L	82.0
10/22/94	LCS946744	CHGC7A41021120002	NA	2.50	2.36	ug/L	94.0
10/22/94	LCSD946744	CHGC7A41021120002	NA	2.50	2.28	ug/L	91.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 87.8			Above acceptance : 0				
Standard Deviation : 5.68			Acceptance Criteria 50-120				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : PCB-1260							
Type of Spike : Laboratory Control							
10/14/94	LCS946621	CHGC7A41014120001	NA	2.50	2.45	ug/L	98.0
10/14/94	LCSD946621	CHGC7A41014120001	NA	2.50	2.51	ug/L	100
10/22/94	LCS946744	CHGC7A41021120002	NA	2.50	2.46	ug/L	98.0
10/22/94	LCSD946744	CHGC7A41021120002	NA	2.50	2.27	ug/L	91.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 96.8			Above acceptance : 0				
Standard Deviation : 3.95			Acceptance Criteria 8-127				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : alpha-BHC							
Type of Spike : Laboratory Control							
10/14/94	LCS946620	CHGC7A41014120001	NA	0.250	0.238	ug/L	95.0
10/14/94	LCSD946620	CHGC7A41014120001	NA	0.250	0.239	ug/L	96.0
10/22/94	LCS946743	CHGC7A41021120002	NA	0.250	0.218	ug/L	87.0
10/22/94	LCSD946743	CHGC7A41021120002	NA	0.250	0.212	ug/L	85.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 90.8			Above acceptance : 0				
Standard Deviation : 5.56			Acceptance Criteria 37-134				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : delta-BHC							
Type of Spike : Laboratory Control							
10/14/94	LCS946620	CHGC7A41014120001	NA	0.250	0.188	ug/L	75.0
10/14/94	LCSD946620	CHGC7A41014120001	NA	0.250	0.185	ug/L	74.0
10/22/94	LCS946743	CHGC7A41021120002	NA	0.250	0.217	ug/L	87.0
10/22/94	LCSD946743	CHGC7A41021120002	NA	0.250	0.215	ug/L	86.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 80.5	Above acceptance :	0
Standard Deviation	: 6.95	Acceptance Criteria	19-140

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : gamma-BHC							
Type of Spike : Laboratory Control							
10/14/94	LCS946620	CHGC7A41014120001	NA	0.250	0.253	ug/L	101
10/14/94	LCSD946620	CHGC7A41014120001	NA	0.250	0.257	ug/L	
10/22/94	LCS946743	CHGC7A41021120002	NA	0.250	0.248	ug/L	9
10/22/94	LCSD946743	CHGC7A41021120002	NA	0.250	0.242	ug/L	97.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 100	Above acceptance :	0
Standard Deviation	: 2.58	Acceptance Criteria	32-127

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene							
Type of Spike : Surrogate - Equipment Blank							
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	NA	1.04	0.941	ug/L	90.0
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	NA	1.01	0.887	ug/L	88.0
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	NA	0.980	0.940	ug/L	96.0

Number of Samples	: 3	Below acceptance :	0
Mean % Recovery	: 91.3	Above acceptance :	0
Standard Deviation	: 4.16	Acceptance Criteria	20-150

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene							
Type of Spike : Surrogate - Laboratory Control							
10/14/94	LCS946620	CHGC7A41014120001	NA	1.00	0.921	ug/L	92.0
10/14/94	LCS946621	CHGC7A41014120001	NA	1.00	0.752	ug/L	75.0
10/14/94	LCSD946620	CHGC7A41014120001	NA	1.00	0.888	ug/L	89.0
10/14/94	LCSD946621	CHGC7A41014120001	NA	1.00	0.730	ug/L	73.0
10/22/94	LCS946743	CHGC7A41021120002	NA	1.00	0.849	ug/L	85.0
10/22/94	LCS946744	CHGC7A41021120002	NA	1.00	0.747	ug/L	75.0
10/22/94	LCSD946743	CHGC7A41021120002	NA	1.00	0.791	ug/L	79.0
10/22/94	LCSD946744	CHGC7A41021120002	NA	1.00	0.685	ug/L	68.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 79.5			Above acceptance : 0				
Standard Deviation : 8.38			Acceptance Criteria 20-150				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene							
Type of Spike : Surrogate - Method Blank							
10/14/94	BLK944274	CHGC7A41014120001	NA	1.00	0.892	ug/L	89.0
10/22/94	BLK944352	CHGC7A41021120002	NA	1.00	0.822	ug/L	82.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 85.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 20-150				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate							
Type of Spike : Surrogate - Equipment Blank							
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	NA	1.04	1.07	ug/L	103
10/14/94	G94-PO-SS-02-EB	CHGC7A41014120001	NA	1.01	1.07	ug/L	106
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	NA	0.980	0.998	ug/L	102
Number of Samples : 3			Below acceptance : 0				
Mean % Recovery : 104			Above acceptance : 0				
Standard Deviation : 2.08			Acceptance Criteria 20-150				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate							
Type of Spike : Surrogate - Laboratory Control							
10/14/94	LCS946620	CHGC7A41014120001	NA	1.00	1.07	ug/L	107
10/14/94	LCS946621	CHGC7A41014120001	NA	1.00	0.946	ug/L	95.0
10/14/94	LCSD946620	CHGC7A41014120001	NA	1.00	1.06	ug/L	106
10/14/94	LCSD946621	CHGC7A41014120001	NA	1.00	0.904	ug/L	90.0
10/22/94	LCS946743	CHGC7A41021120002	NA	1.00	1.03	ug/L	103
10/22/94	LCS946744	CHGC7A41021120002	NA	1.00	0.850	ug/L	85.0
10/22/94	LCSD946743	CHGC7A41021120002	NA	1.00	0.970	ug/L	97.0
10/22/94	LCSD946744	CHGC7A41021120002	NA	1.00	0.808	ug/L	81.0
Number of Samples : 8			Below acceptance : 0				
Mean % Recovery : 95.5			Above acceptance : 0				
Standard Deviation : 9.65			Acceptance Criteria 20-150				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate							
Type of Spike : Surrogate - Method Blank							
10/14/94	BLK944274	CHGC7A41014120001	NA	1.00	1.05	ug/L	105
10/22/94	BLK944352	CHGC7A41021120002	NA	1.00	0.916	ug/L	92.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 98.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 20-150				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,2,4-Trichlorobenzene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	98.1	ug/L	98.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	95.7	ug/L	96.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	91.8	ug/L	92.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	104	ug/L	104
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 97.5			Above acceptance : 0				
Standard Deviation : 5.00			Acceptance Criteria 44-142				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,2-Dichlorobenzene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	97.3	ug/L	97.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	93.8	ug/L	94.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	91.3	ug/L	91.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	100	ug/L	100
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 95.5			Above acceptance : 0				
Standard Deviation : 3.87			Acceptance Criteria 32-129				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,3-Dichlorobenzene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	93.7	ug/L	94.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	90.2	ug/L	90.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	87.8	ug/L	88.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	96.5	ug/L	97.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 92.3			Above acceptance : 0				
Standard Deviation : 4.03			Acceptance Criteria D-172				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,4-Dichlorobenzene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	92.0	ug/L	92.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	86.7	ug/L	87.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	86.4	ug/L	86.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	94.5	ug/L	95.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 90.0			Above acceptance : 0				
Standard Deviation : 4.24			Acceptance Criteria 20-124				

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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,5-Trichlorophenol							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	104	ug/L	104
10/03/94	LCS946628	MSMSD141003085801	NA	100	108	ug/L	108
10/03/94	LCSD946534	MSMSD141003085801	NA	100	98.0	ug/L	98.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	102	ug/L	102

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 103	Above acceptance :	0
Standard Deviation	: 4.16	Acceptance Criteria	37-121

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Trichlorophenol							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	85.5	ug/L	85.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	90.2	ug/L	9
10/03/94	LCSD946534	MSMSD141003085801	NA	100	82.7	ug/L	83
10/03/94	LCSD946628	MSMSD141003085801	NA	100	84.7	ug/L	85.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 85.8	Above acceptance :	0
Standard Deviation	: 2.99	Acceptance Criteria	37-144

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dichlorophenol							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	97.4	ug/L	97.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	98.7	ug/L	99.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	88.3	ug/L	88.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	94.8	ug/L	95.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 94.8	Above acceptance :	0
Standard Deviation	: 4.79	Acceptance Criteria	39-135

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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dimethylphenol							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	63.9	ug/L	64.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	72.2	ug/L	72.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	60.2	ug/L	60.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	84.6	ug/L	85.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 70.3			Above acceptance : 0				
Standard Deviation : 11.0			Acceptance Criteria D-112				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dinitrophenol							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	64.0	ug/L	64.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	152	ug/L	152
10/03/94	LCSD946534	MSMSD141003085801	NA	100	68.2	ug/L	68.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	142	ug/L	142
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 107			Above acceptance : 2				
Standard Deviation : 47.0			Acceptance Criteria 33-132				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dinitrotoluene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	103	ug/L	103
10/03/94	LCS946628	MSMSD141003085801	NA	100	106	ug/L	106
10/03/94	LCSD946534	MSMSD141003085801	NA	100	98.5	ug/L	99.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	103	ug/L	103
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 103			Above acceptance : 0				
Standard Deviation : 2.87			Acceptance Criteria 39-139				

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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,6-Dinitrotoluene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	113	ug/L	113
10/03/94	LCS946628	MSMSD141003085801	NA	100	119	ug/L	119
10/03/94	LCSD946534	MSMSD141003085801	NA	100	112	ug/L	112
10/03/94	LCSD946628	MSMSD141003085801	NA	100	113	ug/L	113

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 114	Above acceptance :	0
Standard Deviation	: 3.20	Acceptance Criteria	50-158

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Chloronaphthalene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	92.5	ug/L	93.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	92.4	ug/L	9
10/03/94	LCSD946534	MSMSD141003085801	NA	100	91.1	ug/L	9
10/03/94	LCSD946628	MSMSD141003085801	NA	100	94.5	ug/L	94.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 92.5	Above acceptance :	0
Standard Deviation	: 1.29	Acceptance Criteria	60-118

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Chlorophenol							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	96.1	ug/L	96.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	98.2	ug/L	98.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	89.3	ug/L	89.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	96.9	ug/L	97.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 95.0	Above acceptance :	0
Standard Deviation	: 4.08	Acceptance Criteria	23-134

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Methylnaphthalene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	105	ug/L	105
10/03/94	LCS946628	MSMSD141003085801	NA	100	103	ug/L	103
10/03/94	LCSD946534	MSMSD141003085801	NA	100	101	ug/L	101
10/03/94	LCSD946628	MSMSD141003085801	NA	100	109	ug/L	109
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 105			Above acceptance : 0				
Standard Deviation : 3.42			Acceptance Criteria 37-150				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Methylphenol							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	90.9	ug/L	91.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	94.4	ug/L	94.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	85.3	ug/L	85.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	94.7	ug/L	95.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 91.3			Above acceptance : 0				
Standard Deviation : 4.50			Acceptance Criteria 29-133				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Nitroaniline							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	107	ug/L	107
10/03/94	LCS946628	MSMSD141003085801	NA	100	106	ug/L	106
10/03/94	LCSD946534	MSMSD141003085801	NA	100	105	ug/L	105
10/03/94	LCSD946628	MSMSD141003085801	NA	100	104	ug/L	104
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 106			Above acceptance : 0				
Standard Deviation : 1.29			Acceptance Criteria 40-149				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Nitrophenol							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	103	ug/L	103
10/03/94	LCS946628	MSMSD141003085801	NA	100	106	ug/L	106
10/03/94	LCSD946534	MSMSD141003085801	NA	100	97.2	ug/L	97.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	102	ug/L	102

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 102	Above acceptance :	0
Standard Deviation	: 3.74	Acceptance Criteria	29-182

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 3,3'-Dichlorobenzidine							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	129	ug/L	129
10/03/94	LCS946628	MSMSD141003085801	NA	100	150	ug/L	
10/03/94	LCSD946534	MSMSD141003085801	NA	100	124	ug/L	
10/03/94	LCSD946628	MSMSD141003085801	NA	100	35.8	ug/L	36.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 110	Above acceptance :	0
Standard Deviation	: 50.4	Acceptance Criteria	D-262

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 3-Nitroaniline							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	110	ug/L	110
10/03/94	LCS946628	MSMSD141003085801	NA	100	115	ug/L	115
10/03/94	LCSD946534	MSMSD141003085801	NA	100	107	ug/L	107
10/03/94	LCSD946628	MSMSD141003085801	NA	100	107	ug/L	107

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 110	Above acceptance :	0
Standard Deviation	: 3.77	Acceptance Criteria	45-157

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4,6-Dinitro-2-methylphenol							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	63.2	ug/L	63.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	139	ug/L	139
10/03/94	LCSD946534	MSMSD141003085801	NA	100	72.1	ug/L	72.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	129	ug/L	129
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 101			Above acceptance : 0				
Standard Deviation : 38.8			Acceptance Criteria D-191				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Bromophenyl phenyl ether							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	98.5	ug/L	99.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	106	ug/L	106
10/03/94	LCSD946534	MSMSD141003085801	NA	100	99.3	ug/L	99.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	101	ug/L	101
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 101			Above acceptance : 0				
Standard Deviation : 3.30			Acceptance Criteria 53-127				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Chloro-3-methylphenol							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	99.1	ug/L	99.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	98.4	ug/L	98.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	92.5	ug/L	93.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	97.0	ug/L	97.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 96.8			Above acceptance : 0				
Standard Deviation : 2.63			Acceptance Criteria 22-147				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Chlorophenyl phenyl ether							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	111	ug/L	111
10/03/94	LCS946628	MSMSD141003085801	NA	100	113	ug/L	113
10/03/94	LCSD946534	MSMSD141003085801	NA	100	110	ug/L	110
10/03/94	LCSD946628	MSMSD141003085801	NA	100	112	ug/L	112

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 112	Above acceptance :	0
Standard Deviation	: 1.29	Acceptance Criteria	25-158

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Methylphenol/3-Methylphenol							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	88.7	ug/L	89.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	92.9	ug/L	[illegible]
10/03/94	LCSD946534	MSMSD141003085801	NA	100	85.3	ug/L	[illegible]
10/03/94	LCSD946628	MSMSD141003085801	NA	100	94.4	ug/L	94.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 90.3	Above acceptance :	0
Standard Deviation	: 4.11	Acceptance Criteria	20-135

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Nitroaniline							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	96.2	ug/L	96.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	104	ug/L	104
10/03/94	LCSD946534	MSMSD141003085801	NA	100	97.9	ug/L	98.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	96.8	ug/L	97.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 98.8	Above acceptance :	0
Standard Deviation	: 3.59	Acceptance Criteria	25-162

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Nitrophenol							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	110	ug/L	110
10/03/94	LCS946628	MSMSD141003085801	NA	100	111	ug/L	111
10/03/94	LCSD946534	MSMSD141003085801	NA	100	105	ug/L	105
10/03/94	LCSD946628	MSMSD141003085801	NA	100	106	ug/L	106

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 108	Above acceptance :	0
Standard Deviation	: 2.94	Acceptance Criteria	D-132

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Acenaphthene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	101	ug/L	101
10/03/94	LCS946628	MSMSD141003085801	NA	100	102	ug/L	102
10/03/94	LCSD946534	MSMSD141003085801	NA	100	92.9	ug/L	93.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	101	ug/L	101

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 99.3	Above acceptance :	0
Standard Deviation	: 4.19	Acceptance Criteria	47-145

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Acenaphthylene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	109	ug/L	109
10/03/94	LCS946628	MSMSD141003085801	NA	100	111	ug/L	111
10/03/94	LCSD946534	MSMSD141003085801	NA	100	104	ug/L	104
10/03/94	LCSD946628	MSMSD141003085801	NA	100	109	ug/L	109

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 108	Above acceptance :	0
Standard Deviation	: 2.99	Acceptance Criteria	33-145

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Anthracene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	109	ug/L	109
10/03/94	LCS946628	MSMSD141003085801	NA	100	114	ug/L	114
10/03/94	LCSD946534	MSMSD141003085801	NA	100	106	ug/L	106
10/03/94	LCSD946628	MSMSD141003085801	NA	100	113	ug/L	113

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 111	Above acceptance :	0
Standard Deviation	: 3.70	Acceptance Criteria	27-133

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(a)anthracene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	107	ug/L	107
10/03/94	LCS946628	MSMSD141003085801	NA	100	113	ug/L	
10/03/94	LCSD946534	MSMSD141003085801	NA	100	104	ug/L	
10/03/94	LCSD946628	MSMSD141003085801	NA	100	113	ug/L	113

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 109	Above acceptance :	0
Standard Deviation	: 4.50	Acceptance Criteria	33-143

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(a)pyrene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	100	ug/L	100
10/03/94	LCS946628	MSMSD141003085801	NA	100	106	ug/L	106
10/03/94	LCSD946534	MSMSD141003085801	NA	100	101	ug/L	101
10/03/94	LCSD946628	MSMSD141003085801	NA	100	107	ug/L	107

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 104	Above acceptance :	0
Standard Deviation	: 3.51	Acceptance Criteria	17-163

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(b)fluoranthene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	102	ug/L	102
10/03/94	LCS946628	MSMSD141003085801	NA	100	107	ug/L	107
10/03/94	LCSD946534	MSMSD141003085801	NA	100	90.3	ug/L	90.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	98.9	ug/L	99.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 99.5	Above acceptance :	0
Standard Deviation	: 7.14	Acceptance Criteria	24-159

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(g,h,i)perylene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	108	ug/L	108
10/03/94	LCS946628	MSMSD141003085801	NA	100	126	ug/L	126
10/03/94	LCSD946534	MSMSD141003085801	NA	100	107	ug/L	107
10/03/94	LCSD946628	MSMSD141003085801	NA	100	126	ug/L	126

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 117	Above acceptance :	0
Standard Deviation	: 10.7	Acceptance Criteria	D-219

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(k)fluoranthene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	102	ug/L	102
10/03/94	LCS946628	MSMSD141003085801	NA	100	106	ug/L	106
10/03/94	LCSD946534	MSMSD141003085801	NA	100	82.1	ug/L	82.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	116	ug/L	116

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 102	Above acceptance :	0
Standard Deviation	: 14.3	Acceptance Criteria	11-162

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzoic acid							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	93.2	ug/L	93.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	93.8	ug/L	94.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	94.2	ug/L	94.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	93.6	ug/L	94.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 93.8			Above acceptance : 0				
Standard Deviation : 0.500			Acceptance Criteria 0-294				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzyl alcohol							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	106	ug/L	106
10/03/94	LCS946628	MSMSD141003085801	NA	100	107	ug/L	[illegible]
10/03/94	LCSD946534	MSMSD141003085801	NA	100	103	ug/L	[illegible]
10/03/94	LCSD946628	MSMSD141003085801	NA	100	109	ug/L	109
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 106			Above acceptance : 0				
Standard Deviation : 2.50			Acceptance Criteria NS				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Butylbenzylphthalate							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	115	ug/L	115
10/03/94	LCS946628	MSMSD141003085801	NA	100	112	ug/L	112
10/03/94	LCSD946534	MSMSD141003085801	NA	100	105	ug/L	105
10/03/94	LCSD946628	MSMSD141003085801	NA	100	114	ug/L	114
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 112			Above acceptance : 0				
Standard Deviation : 4.51			Acceptance Criteria D-152				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Chrysene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	105	ug/L	105
10/03/94	LCS946628	MSMSD141003085801	NA	100	103	ug/L	103
10/03/94	LCSD946534	MSMSD141003085801	NA	100	98.4	ug/L	98.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	103	ug/L	103

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 102	Above acceptance :	0
Standard Deviation	: 2.99	Acceptance Criteria	17-168

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Di-n-octylphthalate							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	121	ug/L	121
10/03/94	LCS946628	MSMSD141003085801	NA	100	122	ug/L	122
10/03/94	LCSD946534	MSMSD141003085801	NA	100	117	ug/L	117
10/03/94	LCSD946628	MSMSD141003085801	NA	100	127	ug/L	127

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 122	Above acceptance :	0
Standard Deviation	: 4.11	Acceptance Criteria	4-146

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Dibenz(a,h)anthracene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	94.8	ug/L	95.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	105	ug/L	105
10/03/94	LCSD946534	MSMSD141003085801	NA	100	93.7	ug/L	94.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	105	ug/L	105

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 99.8	Above acceptance :	0
Standard Deviation	: 6.08	Acceptance Criteria	D-227

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Dibenzofuran							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	105	ug/L	105
10/03/94	LCS946628	MSMSD141003085801	NA	100	105	ug/L	105
10/03/94	LCSD946534	MSMSD141003085801	NA	100	99.4	ug/L	99.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	104	ug/L	104

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 103	Above acceptance :	0
Standard Deviation	: 2.87	Acceptance Criteria	67-122

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Dibutylphthalate							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	105	ug/L	105
10/03/94	LCS946628	MSMSD141003085801	NA	100	111	ug/L	[illegible]
10/03/94	LCSD946534	MSMSD141003085801	NA	100	105	ug/L	[illegible]
10/03/94	LCSD946628	MSMSD141003085801	NA	100	109	ug/L	109

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 108	Above acceptance :	0
Standard Deviation	: 3.00	Acceptance Criteria	1-118

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Diethylphthalate							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	109	ug/L	109
10/03/94	LCS946628	MSMSD141003085801	NA	100	112	ug/L	112
10/03/94	LCSD946534	MSMSD141003085801	NA	100	107	ug/L	107
10/03/94	LCSD946628	MSMSD141003085801	NA	100	110	ug/L	110

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 110	Above acceptance :	0
Standard Deviation	: 2.08	Acceptance Criteria	67-143

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Dimethylphthalate							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	106	ug/L	106
10/03/94	LCS946628	MSMSD141003085801	NA	100	109	ug/L	109
10/03/94	LCSD946534	MSMSD141003085801	NA	100	103	ug/L	103
10/03/94	LCSD946628	MSMSD141003085801	NA	100	106	ug/L	106

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 106	Above acceptance :	0
Standard Deviation	: 2.45	Acceptance Criteria	68-127

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Diphenylamine							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	95.1	ug/L	95.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	102	ug/L	102
10/03/94	LCSD946534	MSMSD141003085801	NA	100	95.9	ug/L	96.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	87.1	ug/L	87.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 95.0	Above acceptance :	0
Standard Deviation	: 6.16	Acceptance Criteria	NS

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Fluoranthene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	97.6	ug/L	98.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	105	ug/L	105
10/03/94	LCSD946534	MSMSD141003085801	NA	100	98.9	ug/L	99.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	104	ug/L	104

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 102	Above acceptance :	0
Standard Deviation	: 3.51	Acceptance Criteria	26-137

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Fluorene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	93.0	ug/L	93.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	93.7	ug/L	94.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	92.0	ug/L	92.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	90.7	ug/L	91.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 92.5			Above acceptance : 0				
Standard Deviation : 1.29			Acceptance Criteria 59-121				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachlorobenzene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	98.4	ug/L	98.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	104	ug/L	[illegible]
10/03/94	LCSD946534	MSMSD141003085801	NA	100	99.6	ug/L	[illegible]
10/03/94	LCSD946628	MSMSD141003085801	NA	100	105	ug/L	105
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 102			Above acceptance : 0				
Standard Deviation : 3.30			Acceptance Criteria D-152				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachlorobutadiene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	95.3	ug/L	95.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	87.9	ug/L	88.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	93.1	ug/L	93.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	103	ug/L	103
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 94.8			Above acceptance : 0				
Standard Deviation : 6.24			Acceptance Criteria 23-140				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachlorocyclopentadiene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	45.2	ug/L	45.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	98.1	ug/L	98.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	48.6	ug/L	49.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	119	ug/L	119
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 77.8			Above acceptance : 0				
Standard Deviation : 36.6			Acceptance Criteria 0-308				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachloroethane							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	101	ug/L	101
10/03/94	LCS946628	MSMSD141003085801	NA	100	94.2	ug/L	94.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	94.9	ug/L	95.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	108	ug/L	108
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 99.5			Above acceptance : 0				
Standard Deviation : 6.45			Acceptance Criteria 42-165				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Indeno(1,2,3-cd)pyrene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	96.5	ug/L	96.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	107	ug/L	107
10/03/94	LCSD946534	MSMSD141003085801	NA	100	95.1	ug/L	95.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	110	ug/L	110
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 102			Above acceptance : 0				
Standard Deviation : 7.62			Acceptance Criteria D-171				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Isophorone							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	110	ug/L	110
10/03/94	LCS946628	MSMSD141003085801	NA	100	110	ug/L	110
10/03/94	LCSD946534	MSMSD141003085801	NA	100	107	ug/L	107
10/03/94	LCSD946628	MSMSD141003085801	NA	100	112	ug/L	112
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 110			Above acceptance : 0				
Standard Deviation : 2.06			Acceptance Criteria 21-196				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : N-Nitroso-di-n-propylamine							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	102	ug/L	102
10/03/94	LCS946628	MSMSD141003085801	NA	100	104	ug/L	
10/03/94	LCSD946534	MSMSD141003085801	NA	100	102	ug/L	
10/03/94	LCSD946628	MSMSD141003085801	NA	100	110	ug/L	110
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 105			Above acceptance : 0				
Standard Deviation : 3.79			Acceptance Criteria D-230				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Naphthalene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	97.9	ug/L	98.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	96.7	ug/L	97.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	93.8	ug/L	94.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	101	ug/L	101
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 97.5			Above acceptance : 0				
Standard Deviation : 2.89			Acceptance Criteria 21-133				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	102	ug/L	102
10/03/94	LCS946628	MSMSD141003085801	NA	100	99.9	ug/L	100
10/03/94	LCSD946534	MSMSD141003085801	NA	100	97.4	ug/L	97.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	102	ug/L	102
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 100			Above acceptance : 0				
Standard Deviation : 2.36			Acceptance Criteria 35-180				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Pentachlorophenol							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	92.0	ug/L	92.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	95.2	ug/L	95.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	82.3	ug/L	82.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	85.0	ug/L	85.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 88.5			Above acceptance : 0				
Standard Deviation : 6.03			Acceptance Criteria 14-176				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenanthrene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	95.0	ug/L	95.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	98.3	ug/L	98.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	91.4	ug/L	91.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	97.2	ug/L	97.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 95.3			Above acceptance : 0				
Standard Deviation : 3.10			Acceptance Criteria 54-120				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	97.0	ug/L	97.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	97.5	ug/L	98.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	91.0	ug/L	91.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	96.9	ug/L	97.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 95.8			Above acceptance : 0				
Standard Deviation : 3.20			Acceptance Criteria 5-112				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Pyrene							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	103	ug/L	103
10/03/94	LCS946628	MSMSD141003085801	NA	100	106	ug/L	[illegible]
10/03/94	LCSD946534	MSMSD141003085801	NA	100	99.2	ug/L	99.2
10/03/94	LCSD946628	MSMSD141003085801	NA	100	107	ug/L	107
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 104			Above acceptance : 0				
Standard Deviation : 3.59			Acceptance Criteria 52-115				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : bis(2-Chloroethoxy)methane							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	95.5	ug/L	95.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	96.7	ug/L	97.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	92.9	ug/L	93.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	97.9	ug/L	98.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 95.8			Above acceptance : 0				
Standard Deviation : 2.22			Acceptance Criteria 33-184				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : bis(2-Chloroethyl)ether							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	93.1	ug/L	93.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	94.4	ug/L	94.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	90.1	ug/L	90.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	95.3	ug/L	95.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 93.0			Above acceptance : 0				
Standard Deviation : 2.16			Acceptance Criteria 12-158				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : bis(2-Chloroisopropyl)ether							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	90.4	ug/L	90.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	89.7	ug/L	90.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	86.8	ug/L	87.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	93.6	ug/L	94.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 90.3			Above acceptance : 0				
Standard Deviation : 2.87			Acceptance Criteria 36-166				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : bis(2-Ethylhexyl)phthalate							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	131	ug/L	131
10/03/94	LCS946628	MSMSD141003085801	NA	100	106	ug/L	106
10/03/94	LCSD946534	MSMSD141003085801	NA	100	100	ug/L	100
10/03/94	LCSD946628	MSMSD141003085801	NA	100	108	ug/L	108
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 111			Above acceptance : 0				
Standard Deviation : 13.6			Acceptance Criteria 8-158				

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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : p-Chloroaniline							
Type of Spike : Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	105	ug/L	105
10/03/94	LCS946628	MSMSD141003085801	NA	100	106	ug/L	106
10/03/94	LCSD946534	MSMSD141003085801	NA	100	104	ug/L	104
10/03/94	LCSD946628	MSMSD141003085801	NA	100	96.4	ug/L	96.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 103	Above acceptance :	0
Standard Deviation	: 4.57	Acceptance Criteria	55-153

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol							
Type of Spike : Surrogate - Equipment Blank							
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	NA	198	178	ug/L	90.0

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 90.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	10-123

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol							
Type of Spike : Surrogate - Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	200	193	ug/L	96.0
10/03/94	LCS946628	MSMSD141003085801	NA	200	188	ug/L	94.0
10/03/94	LCSD946534	MSMSD141003085801	NA	200	196	ug/L	98.0
10/03/94	LCSD946628	MSMSD141003085801	NA	200	170	ug/L	85.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 93.3	Above acceptance :	0
Standard Deviation	: 5.74	Acceptance Criteria	10-123

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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol							
Type of Spike : Surrogate - Method Blank							
10/03/94	BLK944216	MSMSD141003085801	NA	200	206	ug/L	103
10/03/94	BLK944279	MSMSD141003085801	NA	200	172	ug/L	86.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 94.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 10-123				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorobiphenyl							
Type of Spike : Surrogate - Equipment Blank							
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	NA	99.0	86.7	ug/L	88.0
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 88.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 43-116				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorobiphenyl							
Type of Spike : Surrogate - Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	92.7	ug/L	93.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	97.1	ug/L	97.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	91.3	ug/L	91.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	86.7	ug/L	87.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 92.0			Above acceptance : 0				
Standard Deviation : 4.16			Acceptance Criteria 43-116				

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NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorobiphenyl							
Type of Spike : Surrogate - Method Blank							
10/03/94	BLK944216	MSMSD141003085801	NA	100	89.1	ug/L	89.0
10/03/94	BLK944279	MSMSD141003085801	NA	100	82.8	ug/L	83.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 86.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	43-116

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorophenol							
Type of Spike : Surrogate - Equipment Blank							
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	NA	198	183	ug/L	92.0

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 92.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	21-139

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorophenol							
Type of Spike : Surrogate - Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	200	191	ug/L	96.0
10/03/94	LCS946628	MSMSD141003085801	NA	200	176	ug/L	88.0
10/03/94	LCSD946534	MSMSD141003085801	NA	200	180	ug/L	90.0
10/03/94	LCSD946628	MSMSD141003085801	NA	200	183	ug/L	91.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 91.3	Above acceptance :	0
Standard Deviation	: 3.40	Acceptance Criteria	21-139

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorophenol							
Type of Spike : Surrogate - Method Blank							
10/03/94	BLK944216	MSMSD141003085801	NA	200	198	ug/L	99.0
10/03/94	BLK944279	MSMSD141003085801	NA	200	170	ug/L	85.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 92.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	21-139

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene-d5							
Type of Spike : Surrogate - Equipment Blank							
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	NA	99.0	91.9	ug/L	93.0

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 93.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	35-114

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene-d5							
Type of Spike : Surrogate - Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	101	ug/L	101
10/03/94	LCS946628	MSMSD141003085801	NA	100	93.3	ug/L	93.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	93.8	ug/L	94.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	91.8	ug/L	92.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 95.0	Above acceptance :	0
Standard Deviation	: 4.08	Acceptance Criteria	35-114

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene-d5							
Type of Spike : Surrogate - Method Blank							
10/03/94	BLK944216	MSMSD141003085801	NA	100	100	ug/L	100
10/03/94	BLK944279	MSMSD141003085801	NA	100	87.1	ug/L	87.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 93.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	35-114

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol-d5							
Type of Spike : Surrogate - Equipment Blank							
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	NA	198	195	ug/L	98.0

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 98.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	4-162

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol-d5							
Type of Spike : Surrogate - Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	200	200	ug/L	100
10/03/94	LCS946628	MSMSD141003085801	NA	200	187	ug/L	93.0
10/03/94	LCSD946534	MSMSD141003085801	NA	200	193	ug/L	97.0
10/03/94	LCSD946628	MSMSD141003085801	NA	200	186	ug/L	93.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 95.8	Above acceptance :	0
Standard Deviation	: 3.40	Acceptance Criteria	4-162

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol-d5							
Type of Spike : Surrogate - Method Blank							
10/03/94	BLK944216	MSMSD141003085801	NA	200	208	ug/L	104
10/03/94	BLK944279	MSMSD141003085801	NA	200	179	ug/L	90.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 97.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 4-162				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14							
Type of Spike : Surrogate - Equipment Blank							
10/03/94	G94-PO-SS-02-EB	MSMSD141003085801	NA	99.0	99.0	ug/L	100
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 100			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 33-141				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14							
Type of Spike : Surrogate - Laboratory Control							
10/03/94	LCS946534	MSMSD141003085801	NA	100	106	ug/L	106
10/03/94	LCS946628	MSMSD141003085801	NA	100	101	ug/L	101
10/03/94	LCSD946534	MSMSD141003085801	NA	100	102	ug/L	102
10/03/94	LCSD946628	MSMSD141003085801	NA	100	96.5	ug/L	96.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 101			Above acceptance : 0				
Standard Deviation : 4.11			Acceptance Criteria 33-141				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14							
Type of Spike : Surrogate - Method Blank							
10/03/94	BLK944216	MSMSD141003085801	NA	100	113	ug/L	113
10/03/94	BLK944279	MSMSD141003085801	NA	100	98.0	ug/L	98.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 106	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	33-141

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : 2,3,7,8-TCDD							
Type of Spike : Laboratory Control							
10/19/94	LCS946720	MS597141019114301	NA	33.9	33.7	ng/L	99.0
10/19/94	LCSD946720	MS597141019114301	NA	33.9	33.6	ng/L	99.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 99.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	64-140

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDD							
Type of Spike : Surrogate - Equipment Blank							
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	NA	49.5	53.8	ng/L	109

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 109	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDD							
Type of Spike : Surrogate - Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDD							
Type of Spike : Surrogate - Laboratory Control, cont.							
10/19/94	LCS946720	MS597141019114301	NA	50.0	51.7	ng/L	103
10/19/94	LCSD946720	MS597141019114301	NA	50.0	52.0	ng/L	104

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 104	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDD							
Type of Spike : Surrogate - Method Blank							
10/19/94	BLK944330	MS597141019114301	NA	50.0	57.6	ng/L	115

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 115	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDF							
Type of Spike : Surrogate - Equipment Blank							
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	NA	49.5	47.4	ng/L	96.0

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 96.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDF							
Type of Spike : Surrogate - Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDF							
Type of Spike : Surrogate - Laboratory Control, cont.							
10/19/94	LCS946720	MS597141019114301	NA	50.0	49.3	ng/L	99.0
10/19/94	LCSD946720	MS597141019114301	NA	50.0	52.3	ng/L	105
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 102			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDF							
Type of Spike : Surrogate - Method Blank							
10/19/94	BLK944330	MS597141019114301	NA	50.0	51.4	ng/L	103
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 103			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,7,8-HxCDD							
Type of Spike : Surrogate - Equipment Blank							
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	NA	49.5	47.6	ng/L	96.0
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 96.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,7,8-HxCDD							
Type of Spike : Surrogate - Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,7,8-HxCDD							
Type of Spike : Surrogate - Laboratory Control, cont.							
10/19/94	LCS946720	MS597141019114301	NA	50.0	49.3	ng/L	99.0
10/19/94	LCSD946720	MS597141019114301	NA	50.0	51.2	ng/L	102
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 101			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,7,8-HxCDD							
Type of Spike : Surrogate - Method Blank							
10/19/94	BLK944330	MS597141019114301	NA	50.0	51.4	ng/L	103
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 103			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,7,8-HxCDF							
Type of Spike : Surrogate - Equipment Blank							
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	NA	49.5	48.1	ng/L	97.0
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 97.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,7,8-HxCDF							
Type of Spike : Surrogate - Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,7,8-HxCDF							
Type of Spike : Surrogate - Laboratory Control, cont.							
10/19/94	LCS946720	MS597141019114301	NA	50.0	52.6	ng/L	105
10/19/94	LCSD946720	MS597141019114301	NA	50.0	53.6	ng/L	107

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 106	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,7,8-HxCDF							
Type of Spike : Surrogate - Method Blank							
10/19/94	BLK944330	MS597141019114301	NA	50.0	52.6	ng/L	105

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 105	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,7,8-PeCDD							
Type of Spike : Surrogate - Equipment Blank							
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	NA	49.5	46.3	ng/L	94.0

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 94.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans
Spiked Analyte : C13-1,2,3,7,8-PeCDD
Type of Spike : Surrogate - Laboratory Control

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,7,8-PeCDD							
Type of Spike : Surrogate - Laboratory Control, cont.							
10/19/94	LCS946720	MS597141019114301	NA	50.0	49.6	ng/L	99.0
10/19/94	LCSD946720	MS597141019114301	NA	50.0	49.4	ng/L	99.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 99.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,7,8-PeCDD							
Type of Spike : Surrogate - Method Blank							
10/19/94	BLK944330	MS597141019114301	NA	50.0	50.2	ng/L	100

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 100	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,7,8-PeCDF							
Type of Spike : Surrogate - Equipment Blank							
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	NA	49.5	50.4	ng/L	102

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 102	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,7,8-PeCDF							
Type of Spike : Surrogate - Laboratory Control							

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,7,8-PeCDF							
Type of Spike : Surrogate - Laboratory Control, cont.							
10/19/94	LCS946720	MS597141019114301	NA	50.0	53.2	ng/L	106
10/19/94	LCSD946720	MS597141019114301	NA	50.0	54.0	ng/L	108

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 107	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,7,8-PeCDF							
Type of Spike : Surrogate - Method Blank							
10/19/94	BLK944330	MS597141019114301	NA	50.0	52.6	ng/L	105

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 105	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-2,3,7,8-TCDD							
Type of Spike : Surrogate - Equipment Blank							
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	NA	49.5	48.4	ng/L	98.0

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 98.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans
Spiked Analyte : C13-2,3,7,8-TCDD
Type of Spike : Surrogate - Laboratory Control

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-2,3,7,8-TCDD							
Type of Spike : Surrogate - Laboratory Control, cont.							
10/19/94	LCS946720	MS597141019114301	NA	50.0	53.5	ng/L	107
10/19/94	LCSD946720	MS597141019114301	NA	50.0	52.6	ng/L	105

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 106	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-2,3,7,8-TCDD							
Type of Spike : Surrogate - Method Blank							
10/19/94	BLK944330	MS597141019114301	NA	50.0	50.2	ng/L	100

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 100	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-2,3,7,8-TCDF							
Type of Spike : Surrogate - Equipment Blank							
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	NA	49.5	49.9	ng/L	101

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 101	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-2,3,7,8-TCDF							
Type of Spike : Surrogate - Laboratory Control							

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NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-2,3,7,8-TCDF							
Type of Spike : Surrogate - Laboratory Control, cont.							
10/19/94	LCS946720	MS597141019114301	NA	50.0	53.2	ng/L	106
10/19/94	LCSD946720	MS597141019114301	NA	50.0	53.8	ng/L	108

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 107	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-2,3,7,8-TCDF							
Type of Spike : Surrogate - Method Blank							
10/19/94	BLK944330	MS597141019114301	NA	50.0	52.1	ng/L	104

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 104	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-OCDD							
Type of Spike : Surrogate - Equipment Blank							
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	NA	49.5	55.6	ng/L	112

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 112	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans
Spiked Analyte : C13-OCDD
Type of Spike : Surrogate - Laboratory Control

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-OCDD							
Type of Spike : Surrogate - Laboratory Control, cont.							
10/19/94	LCS946720	MS597141019114301	NA	50.0	46.1	ng/L	92.0
10/19/94	LCSD946720	MS597141019114301	NA	50.0	48.2	ng/L	96.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 94.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-OCDD							
Type of Spike : Surrogate - Method Blank							
10/19/94	BLK944330	MS597141019114301	NA	50.0	57.3	ng/L	115

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 115	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-OCDF							
Type of Spike : Surrogate - Equipment Blank							
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	NA	49.5	50.0	ng/L	101

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 101	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-OCDF							
Type of Spike : Surrogate - Laboratory Control							

TABLE A-2.2 DETAILED LISTING OF LIQUID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-OCDF							
Type of Spike : Surrogate - Laboratory Control, cont.							
10/19/94	LCS946720	MS597141019114301	NA	50.0	51.8	ng/L	104
10/19/94	LCSD946720	MS597141019114301	NA	50.0	52.6	ng/L	105

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 105	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-OCDF							
Type of Spike : Surrogate - Method Blank							
10/19/94	BLK944330	MS597141019114301	NA	50.0	55.4	ng/L	111

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 111	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-120

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

ATTACHMENT C - APPENDIX B

Table A-2.3

Detailed Listing of Solid Spike Results - 1994 Soil Samples

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Gasoline Range Organics							
Type of Spike : Matrix Spike							
09/27/94	G94-DD-SS-01	58743C01	72.0	6.00	NR	%	NR
09/27/94	G94-DD-SS-01	58743C01	72.0	6.00	NR	%	NR
10/01/94	G94-PO-SS-01	58743C01	0.00	6.00	5.20	%	87.0
10/01/94	G94-PO-SS-01	58743C01	0.00	6.00	5.40	%	89.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 88.0	Above acceptance :	0
Standard Deviation	: 0.00	Acceptance Criteria	60-120

Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Matrix Spike							
09/27/94	G94-DD-SS-01	58743C01	NA	25.0	NR	%	NR
09/27/94	G94-DD-SS-01	58743C01	NA	25.0	NR	%	NR
10/01/94	G94-PO-SS-01	58743C01	NA	25.0	NR	%	NR
10/01/94	G94-PO-SS-01	58743C01	NA	25.0	NR	%	NR

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 0.00	Above acceptance :	0
Standard Deviation	: 0.00	Acceptance Criteria	60-120

Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Method Blank							
09/27/94	METHOD BLANK	58743C01	NA	25.0	24.0	mg/kg	96.0

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 96.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	60-120

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : AK101 - Gasoline Range Organics							
Spiked Analyte : Trifluorotoluene							
Type of Spike : Surrogate - Normal Sample							
09/27/94	G94-DD-SS-02	58743C01	NA	25.0	24.0	mg/kg	96.0
09/27/94	G94-DD-SS-03	58743C01	NA	25.0	22.0	mg/kg	87.0
09/27/94	G94-DD-SS-04	58743C01	NA	25.0	21.0	mg/kg	85.0
09/27/94	G94-DD-SS-05	58743C01	NA	25.0	23.0	mg/kg	91.0
09/27/94	G94-PO-SS-01	58743C01	NA	25.0	22.0	mg/kg	88.0
09/27/94	G94-PO-SS-02	58743C01	NA	25.0	22.0	mg/kg	90.0
09/28/94	G94-DD-SS-01	58743C01	NA	25.0	20.0	mg/kg	81.0
Number of Samples : 7			Below acceptance : 0				
Mean % Recovery : 88.3			Above acceptance : 0				
Standard Deviation : 4.75			Acceptance Criteria 60-120				
Method : AK102 - Diesel Range Organics							
Spiked Analyte : Diesel Range Organics							
Type of Spike : Matrix Spike							
09/29/94	G94-DD-SS-01	58743D01	110	100	121	%	121
09/29/94	G94-DD-SS-01	58743D01	110	100	124	%	124
10/01/94	G94-PO-SS-01	58743D01	21.0	100	126	%	126
10/01/94	G94-PO-SS-01	58743D01	21.0	100	103	%	103
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 119			Above acceptance : 3				
Standard Deviation : 10.5			Acceptance Criteria 60-120				
Method : AK102 - Diesel Range Organics							
Spiked Analyte : Tetracosane							
Type of Spike : Surrogate - Matrix Spike							
09/29/94	G94-DD-SS-01	58743D01	NA	27.0	42.0 (F)	%	157
09/29/94	G94-DD-SS-01	58743D01	NA	27.0	46.0 (F)	%	169
10/01/94	G94-PO-SS-01	58743D01	NA	27.0	31.0	%	115
10/01/94	G94-PO-SS-01	58743D01	NA	27.0	37.0	%	138
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 145			Above acceptance : 3				
Standard Deviation : 23.6			Acceptance Criteria 60-120				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : AK102 - Diesel Range Organics							
Spiked Analyte : Tetracosane							
Type of Spike : Surrogate - Method Blank							
09/29/94	METHOD BLANK	58743D01	NA	25.0	25.0	mg/kg	91.0
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 91.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 60-120				
Method : AK102 - Diesel Range Organics							
Spiked Analyte : Tetracosane							
Type of Spike : Surrogate - Normal Sample							
09/29/94	G94-DD-SS-01	58743D01	NA	25.0	37.0	mg/kg	138
09/29/94	G94-DD-SS-04	58743D01	NA	25.0	35.0	mg/kg	128
09/29/94	G94-DD-SS-05	58743D01	NA	25.0	57.0 (F)	mg/kg	210
09/29/94	G94-PO-SS-01	58743D01	NA	25.0	32.0	mg/kg	120
09/29/94	G94-PO-SS-02	58743D01	NA	25.0	28.0	mg/kg	103
10/01/94	G94-DD-SS-03	58743D01	NA	25.0	68.0 (F)	mg/kg	252
10/04/94	G94-DD-SS-02	58743D01	NA	25.0	105 (F)	mg/kg	390
Number of Samples : 7			Below acceptance : 0				
Mean % Recovery : 192			Above acceptance : 5				
Standard Deviation : 103			Acceptance Criteria 60-120				
Method : SW6010 - Metals							
Spiked Analyte : Aluminum							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	5560	5540	mg/kg	100
10/05/94	218M946665	EMJA6141005100004	NA	5560	4900	mg/kg	88.0
10/05/94	218MD946638	EMJA6141005100004	NA	5560	5620	mg/kg	101
10/05/94	218MD946665	EMJA6141005100004	NA	5560	5050	mg/kg	91.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 95.0			Above acceptance : 0				
Standard Deviation : 6.48			Acceptance Criteria 80-120				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Aluminum							
Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	10200	4570	15300	mg/kg	112
10/05/94	G94-PO-SS-01	EMJA6141005100004	10200	4830	15500	mg/kg	110
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 111			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Antimony							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	43.9	40.0	mg/kg	91.0
10/05/94	218M946665	EMJA6141005100004	NA	43.9	63.6	mg/kg	145
10/05/94	218MD946638	EMJA6141005100004	NA	43.9	35.1	mg/kg	80.0
10/05/94	218MD946665	EMJA6141005100004	NA	43.9	56.4	mg/kg	1
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 111			Above acceptance : 2				
Standard Deviation : 30.8			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Antimony							
Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	-4.40	96.6	50.1	mg/kg	56.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	-4.40	91.5	39.4	mg/kg	48.0
Number of Samples : 2			Below acceptance : 2				
Mean % Recovery : 52.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				

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TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Arsenic							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	114	94.0	mg/kg	82.0
10/05/94	218M946665	EMJA6141005100004	NA	114	107	mg/kg	94.0
10/05/94	218MD946638	EMJA6141005100004	NA	114	103	mg/kg	90.0
10/05/94	218MD946665	EMJA6141005100004	NA	114	107	mg/kg	94.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 90.0	Above acceptance :	0
Standard Deviation	: 5.66	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Arsenic							
Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	-1.47	96.6	80.0	mg/kg	84.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	-1.47	91.5	73.8	mg/kg	82.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 83.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	75-125

Method : SW6010 - Metals							
Spiked Analyte : Barium							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	284	280	mg/kg	99.0
10/05/94	218M946665	EMJA6141005100004	NA	284	277	mg/kg	97.0
10/05/94	218MD946638	EMJA6141005100004	NA	284	278	mg/kg	98.0
10/05/94	218MD946665	EMJA6141005100004	NA	284	278	mg/kg	98.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 98.0	Above acceptance :	0
Standard Deviation	: 0.816	Acceptance Criteria	80-120

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Barium							
Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	147	96.6	248	mg/kg	105
10/05/94	G94-PO-SS-01	EMJA6141005100004	147	91.5	246	mg/kg	109
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 107			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Beryllium							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	95.1	93.4	mg/kg	98.0
10/05/94	218M946665	EMJA6141005100004	NA	95.1	94.5	mg/kg	99.0
10/05/94	218MD946638	EMJA6141005100004	NA	95.1	93.8	mg/kg	99.0
10/05/94	218MD946665	EMJA6141005100004	NA	95.1	93.8	mg/kg	99
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 98.8			Above acceptance : 0				
Standard Deviation : 0.500			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Beryllium							
Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	0.310	96.6	87.8	mg/kg	91.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	0.310	91.5	83.0	mg/kg	90.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 90.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Cadmium							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	95.0	89.4	mg/kg	94.0
10/05/94	218M946665	EMJA6141005100004	NA	95.0	90.7	mg/kg	96.0
10/05/94	218MD946638	EMJA6141005100004	NA	95.0	91.2	mg/kg	96.0
10/05/94	218MD946665	EMJA6141005100004	NA	95.0	91.1	mg/kg	96.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 95.5	Above acceptance :	0
Standard Deviation	: 1.00	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Cadmium							
Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	-0.00278	91.5	72.4	mg/kg	79.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	-0.00278	96.6	76.3	mg/kg	79.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 79.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	75-125

Method : SW6010 - Metals							
Spiked Analyte : Calcium							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	3680	3680	mg/kg	100
10/05/94	218M946665	EMJA6141005100004	NA	3680	3660	mg/kg	100
10/05/94	218MD946638	EMJA6141005100004	NA	3680	3730	mg/kg	101
10/05/94	218MD946665	EMJA6141005100004	NA	3680	3670	mg/kg	100

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 100	Above acceptance :	0
Standard Deviation	: 0.500	Acceptance Criteria	80-120

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TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals Spiked Analyte : Calcium Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	15200	4570	19400	mg/kg	91.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	15200	4830	19800	mg/kg	95.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 93.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				
Method : SW6010 - Metals Spiked Analyte : Chromium Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	154	145	mg/kg	94.0
10/05/94	218M946665	EMJA6141005100004	NA	154	141	mg/kg	92.0
10/05/94	218MD946638	EMJA6141005100004	NA	154	146	mg/kg	95.0
10/05/94	218MD946665	EMJA6141005100004	NA	154	142	mg/kg	92
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 93.3			Above acceptance : 0				
Standard Deviation : 1.50			Acceptance Criteria 80-120				
Method : SW6010 - Metals Spiked Analyte : Chromium Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	20.3	91.5	94.8	mg/kg	81.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	20.3	96.6	99.4	mg/kg	82.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 81.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				

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TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Cobalt							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	91.3	88.5	mg/kg	97.0
10/05/94	218M946665	EMJA6141005100004	NA	91.3	89.9	mg/kg	98.0
10/05/94	218MD946638	EMJA6141005100004	NA	91.3	88.5	mg/kg	97.0
10/05/94	218MD946665	EMJA6141005100004	NA	91.3	89.9	mg/kg	98.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 97.5	Above acceptance :	0
Standard Deviation	: 0.577	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Cobalt							
Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	9.04	96.6	86.8	mg/kg	81.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	9.04	91.5	82.9	mg/kg	81.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 81.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	75-125

Method : SW6010 - Metals							
Spiked Analyte : Copper							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	119	114	mg/kg	96.0
10/05/94	218M946665	EMJA6141005100004	NA	119	114	mg/kg	96.0
10/05/94	218MD946638	EMJA6141005100004	NA	119	113	mg/kg	95.0
10/05/94	218MD946665	EMJA6141005100004	NA	119	113	mg/kg	95.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 95.5	Above acceptance :	0
Standard Deviation	: 0.577	Acceptance Criteria	80-120

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW6010 - Metals							
Spiked Analyte : Copper							
Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	17.1	96.6	101	mg/kg	87.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	17.1	91.5	95.3	mg/kg	86.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 86.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Iron							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	8640	8980	mg/kg	104
10/05/94	218M946665	EMJA6141005100004	NA	8640	9320	mg/kg	108
10/05/94	218MD946638	EMJA6141005100004	NA	8640	8750	mg/kg	101
10/05/94	218MD946665	EMJA6141005100004	NA	8640	9430	mg/kg	
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 106			Above acceptance : 0				
Standard Deviation : 3.70			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Iron							
Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	18500	4570	21300	mg/kg	61.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	18500	4830	22000	mg/kg	73.0
Number of Samples : 2			Below acceptance : 2				
Mean % Recovery : 67.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				

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TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Lead							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	147	133	mg/kg	91.0
10/05/94	218M946665	EMJA6141005100004	NA	147	130	mg/kg	88.0
10/05/94	218MD946638	EMJA6141005100004	NA	147	131	mg/kg	89.0
10/05/94	218MD946665	EMJA6141005100004	NA	147	126	mg/kg	86.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 88.5	Above acceptance :	0
Standard Deviation	: 2.08	Acceptance Criteria	80-120

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Lead							
Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	3.74	96.6	74.5	mg/kg	73.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	3.74	91.5	74.3	mg/kg	77.0

Number of Samples	: 2	Below acceptance :	1
Mean % Recovery	: 75.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	75-125

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Magnesium							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	1830	1900	mg/kg	104
10/05/94	218M946665	EMJA6141005100004	NA	1830	1870	mg/kg	102
10/05/94	218MD946638	EMJA6141005100004	NA	1830	1910	mg/kg	104
10/05/94	218MD946665	EMJA6141005100004	NA	1830	1870	mg/kg	102

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 103	Above acceptance :	0
Standard Deviation	: 1.15	Acceptance Criteria	80-120

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NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW6010 - Metals Spiked Analyte : Magnesium Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	7040	4830	11000	mg/kg	83.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	7040	4570	10700	mg/kg	79.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 81.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				
Method : SW6010 - Metals Spiked Analyte : Manganese Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	191	187	mg/kg	98.0
10/05/94	218M946665	EMJA6141005100004	NA	191	188	mg/kg	99.0
10/05/94	218MD946638	EMJA6141005100004	NA	191	187	mg/kg	98.0
10/05/94	218MD946665	EMJA6141005100004	NA	191	189	mg/kg	99
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 98.5			Above acceptance : 0				
Standard Deviation : 0.577			Acceptance Criteria 80-120				
Method : SW6010 - Metals Spiked Analyte : Manganese Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	317	96.6	401	mg/kg	86.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	317	91.5	388	mg/kg	77.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 81.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Molybdenum							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	142	142	mg/kg	100
10/05/94	218M946665	EMJA6141005100004	NA	142	146	mg/kg	103
10/05/94	218MD946638	EMJA6141005100004	NA	142	142	mg/kg	100
10/05/94	218MD946665	EMJA6141005100004	NA	142	145	mg/kg	102

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 101	Above acceptance :	0
Standard Deviation	: 1.50	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Molybdenum							
Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	-0.117	96.6	84.7	mg/kg	88.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	-0.117	91.5	78.3	mg/kg	86.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 87.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	75-125

Method : SW6010 - Metals							
Spiked Analyte : Nickel							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	151	150	mg/kg	99.0
10/05/94	218M946665	EMJA6141005100004	NA	151	150	mg/kg	100
10/05/94	218MD946638	EMJA6141005100004	NA	151	149	mg/kg	99.0
10/05/94	218MD946665	EMJA6141005100004	NA	151	149	mg/kg	98.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 99.0	Above acceptance :	0
Standard Deviation	: 0.816	Acceptance Criteria	80-120

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals Spiked Analyte : Nickel Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	24.3	96.6	98.9	mg/kg	77.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	24.3	91.5	95.9	mg/kg	78.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 77.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				
Method : SW6010 - Metals Spiked Analyte : Potassium Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	2600	2610	mg/kg	100
10/05/94	218M946665	EMJA6141005100004	NA	2600	2520	mg/kg	97.0
10/05/94	218MD946638	EMJA6141005100004	NA	2600	2640	mg/kg	102
10/05/94	218MD946665	EMJA6141005100004	NA	2600	2500	mg/kg	96
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 98.8			Above acceptance : 0				
Standard Deviation : 2.75			Acceptance Criteria 80-120				
Method : SW6010 - Metals Spiked Analyte : Potassium Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	1060	4830	5520	mg/kg	92.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	1060	4570	5360	mg/kg	94.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 93.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Selenium							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	90.0	80.9	mg/kg	90.0
10/05/94	218M946665	EMJA6141005100004	NA	90.0	80.4	mg/kg	89.0
10/05/94	218MD946638	EMJA6141005100004	NA	90.0	81.9	mg/kg	91.0
10/05/94	218MD946665	EMJA6141005100004	NA	90.0	82.0	mg/kg	91.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 90.3			Above acceptance : 0				
Standard Deviation : 0.957			Acceptance Criteria 80-120				
Method : SW6010 - Metals							
Spiked Analyte : Selenium							
Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	-8.50	96.6	75.6	mg/kg	87.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	-8.50	91.5	64.8	mg/kg	80.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 83.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				
Method : SW6010 - Metals							
Spiked Analyte : Silver							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	92.5	81.3	mg/kg	88.0
10/05/94	218M946665	EMJA6141005100004	NA	92.5	83.2	mg/kg	90.0
10/05/94	218MD946638	EMJA6141005100004	NA	92.5	81.8	mg/kg	88.0
10/05/94	218MD946665	EMJA6141005100004	NA	92.5	83.1	mg/kg	90.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 89.0			Above acceptance : 0				
Standard Deviation : 1.15			Acceptance Criteria 80-120				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals Spiked Analyte : Silver Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	-0.599	91.5	74.1	mg/kg	82.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	-0.599	96.6	78.5	mg/kg	82.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 82.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				
Method : SW6010 - Metals Spiked Analyte : Sodium Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	594	593	mg/kg	100
10/05/94	218M946665	EMJA6141005100004	NA	594	580	mg/kg	98.0
10/05/94	218MD946638	EMJA6141005100004	NA	594	607	mg/kg	102
10/05/94	218MD946665	EMJA6141005100004	NA	594	582	mg/kg	98
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 99.5			Above acceptance : 0				
Standard Deviation : 1.91			Acceptance Criteria 80-120				
Method : SW6010 - Metals Spiked Analyte : Sodium Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	376	4570	4620	mg/kg	93.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	376	4830	4820	mg/kg	92.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 92.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 - Metals							
Spiked Analyte : Thallium							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	85.0	82.6	mg/kg	97.0
10/05/94	218M946665	EMJA6141005100004	NA	85.0	85.5	mg/kg	101
10/05/94	218MD946638	EMJA6141005100004	NA	85.0	83.1	mg/kg	98.0
10/05/94	218MD946665	EMJA6141005100004	NA	85.0	80.3	mg/kg	94.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 97.5	Above acceptance :	0
Standard Deviation	: 2.89	Acceptance Criteria	80-120

Method : SW6010 - Metals							
Spiked Analyte : Thallium							
Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	-7.61	91.5	67.1	mg/kg	82.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	-7.61	96.6	62.3	mg/kg	72.0

Number of Samples	: 2	Below acceptance :	1
Mean % Recovery	: 77.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	75-125

Method : SW6010 - Metals							
Spiked Analyte : Vanadium							
Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	81.8	79.8	mg/kg	98.0
10/05/94	218M946665	EMJA6141005100004	NA	81.8	80.0	mg/kg	98.0
10/05/94	218MD946638	EMJA6141005100004	NA	81.8	79.7	mg/kg	97.0
10/05/94	218MD946665	EMJA6141005100004	NA	81.8	80.2	mg/kg	98.0

Number of Samples	: 4	Below acceptance :	0
Mean % Recovery	: 97.8	Above acceptance :	0
Standard Deviation	: 0.500	Acceptance Criteria	80-120

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NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW6010 - Metals Spiked Analyte : Vanadium Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	36.6	96.6	120	mg/kg	86.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	36.6	91.5	116	mg/kg	87.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 86.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				
Method : SW6010 - Metals Spiked Analyte : Zinc Type of Spike : Laboratory Control							
10/05/94	218M946638	EMJA6141005100004	NA	111	105	mg/kg	95.0
10/05/94	218M946665	EMJA6141005100004	NA	111	106	mg/kg	95.0
10/05/94	218MD946638	EMJA6141005100004	NA	111	105	mg/kg	95.0
10/05/94	218MD946665	EMJA6141005100004	NA	111	106	mg/kg	96
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 95.3			Above acceptance : 0				
Standard Deviation : 0.500			Acceptance Criteria 80-120				
Method : SW6010 - Metals Spiked Analyte : Zinc Type of Spike : Matrix Spike							
10/05/94	G94-PO-SS-01	EMJA6141005100004	53.2	91.5	125	mg/kg	78.0
10/05/94	G94-PO-SS-01	EMJA6141005100004	53.2	96.6	131	mg/kg	80.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 79.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 75-125				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 4,4'-DDT							
Type of Spike : Laboratory Control							
10/12/94	LCS946618	CHGC6A41012120001	NA	50.0	40.4	ug/kg	81.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	50.0	44.7	ug/kg	89.0
10/14/94	LCS946618	CHGC6A41012120002	NA	50.0	41.0	ug/kg	82.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	50.0	45.1	ug/kg	90.0
10/23/94	LCS946787	CHGC6A41023120001	NA	50.0	47.4	ug/kg	95.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	50.0	45.2	ug/kg	90.0
10/24/94	LCS946785	CHGC6A41023120003	NA	50.0	45.1	ug/kg	90.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	50.0	45.3	ug/kg	91.0
10/29/94	LCS946785	CHGC6A41029120001	NA	50.0	40.8	ug/kg	82.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	50.0	40.7	ug/kg	81.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 87.1	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	25-160

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 4,4'-DDT							
Type of Spike : Matrix Spike							
10/13/94	G94-DD-SS-01	CHGC6A41012120001	886	54.1	1030	ug/kg	265
10/13/94	G94-DD-SS-01	CHGC6A41012120001	886	54.0	1030	ug/kg	267
10/13/94	G94-PO-SS-01	CHGC6A41012120001	18.3	60.8	138	ug/kg	196
10/13/94	G94-PO-SS-01	CHGC6A41012120001	18.3	60.7	118	ug/kg	165
10/23/94	G94-MB-SS-21	CHGC6A41023120001	861	57.9	769	ug/kg	-159
10/23/94	G94-MB-SS-21	CHGC6A41023120001	861	57.5	828	ug/kg	-56.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	33.4	54.3	73.0	ug/kg	73.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	33.4	54.1	68.0	ug/kg	64.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	30.2	54.3	69.7	ug/kg	73.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	30.2	54.1	64.3	ug/kg	63.0

Number of Samples	: 10	Below acceptance :	2
Mean % Recovery	: 95.1	Above acceptance :	4
Standard Deviation	: NC	Acceptance Criteria	25-160

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NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Aldrin							
Type of Spike : Laboratory Control							
10/12/94	LCS946618	CHGC6A41012120001	NA	25.0	20.3	ug/kg	81.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	25.0	22.1	ug/kg	88.0
10/14/94	LCS946618	CHGC6A41012120002	NA	25.0	20.6	ug/kg	83.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	25.0	21.4	ug/kg	86.0
10/23/94	LCS946787	CHGC6A41023120001	NA	25.0	23.1	ug/kg	92.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	25.0	22.2	ug/kg	89.0
10/24/94	LCS946785	CHGC6A41023120003	NA	25.0	23.1	ug/kg	92.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	25.0	22.7	ug/kg	91.0
10/29/94	LCS946785	CHGC6A41029120001	NA	25.0	23.3	ug/kg	93.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	25.0	22.8	ug/kg	91.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 88.6			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 42-122				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Aldrin							
Type of Spike : Matrix Spike							
10/13/94	G94-DD-SS-01	CHGC6A41012120001	11.9	21.6	30.0	ug/kg	84.0
10/13/94	G94-DD-SS-01	CHGC6A41012120001	11.9	21.6	29.7	ug/kg	83.0
10/13/94	G94-PO-SS-01	CHGC6A41012120001	0.592	24.3	24.6	ug/kg	99.0
10/13/94	G94-PO-SS-01	CHGC6A41012120001	0.592	24.3	24.1	ug/kg	97.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	11.2	23.1	27.4	ug/kg	70.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	11.2	23.0	29.1	ug/kg	78.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	2.98	21.7	17.7	ug/kg	68.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	2.98	21.6	21.1	ug/kg	84.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	ND	21.6	24.4	ug/kg	113
10/29/94	G94-MB-SS-01	CHGC6A41029120001	ND	21.7	20.5	ug/kg	94.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 87.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 42-122				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dieldrin							
Type of Spike : Laboratory Control							
10/12/94	LCS946618	CHGC6A41012120001	NA	50.0	40.6	ug/kg	81.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	50.0	45.8	ug/kg	92.0
10/14/94	LCS946618	CHGC6A41012120002	NA	50.0	40.8	ug/kg	82.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	50.0	45.4	ug/kg	91.0
10/23/94	LCS946787	CHGC6A41023120001	NA	50.0	45.4	ug/kg	91.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	50.0	43.6	ug/kg	87.0
10/24/94	LCS946785	CHGC6A41023120003	NA	50.0	45.4	ug/kg	91.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	50.0	44.8	ug/kg	90.0
10/29/94	LCS946785	CHGC6A41029120001	NA	50.0	45.5	ug/kg	91.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	50.0	44.6	ug/kg	89.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 88.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	36-146

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dieldrin							
Type of Spike : Matrix Spike							
10/13/94	G94-DD-SS-01	CHGC6A41012120001	2790	54.1	2960	ug/kg	320
10/13/94	G94-DD-SS-01	CHGC6A41012120001	2790	54.0	2910	ug/kg	221
10/13/94	G94-PO-SS-01	CHGC6A41012120001	1.27	60.8	57.4	ug/kg	92.0
10/13/94	G94-PO-SS-01	CHGC6A41012120001	1.27	60.7	57.2	ug/kg	92.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	26.5	57.5	62.2	ug/kg	62.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	26.5	57.9	65.3	ug/kg	67.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	7.33	54.3	46.9	ug/kg	73.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	7.33	54.1	45.0	ug/kg	70.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	10.3	54.3	49.5	ug/kg	72.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	10.3	54.1	49.8	ug/kg	73.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 114	Above acceptance :	2
Standard Deviation	: NC	Acceptance Criteria	36-146

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Endosulfan II							
Type of Spike : Laboratory Control							
10/12/94	LCS946618	CHGC6A41012120001	NA	50.0	38.6	ug/kg	77.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	50.0	43.8	ug/kg	88.0
10/14/94	LCS946618	CHGC6A41012120002	NA	50.0	38.4	ug/kg	77.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	50.0	43.3	ug/kg	87.0
10/23/94	LCS946787	CHGC6A41023120001	NA	50.0	46.0	ug/kg	92.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	50.0	44.6	ug/kg	89.0
10/24/94	LCS946785	CHGC6A41023120003	NA	50.0	46.6	ug/kg	93.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	50.0	46.3	ug/kg	93.0
10/29/94	LCS946785	CHGC6A41029120001	NA	50.0	46.8	ug/kg	94.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	50.0	46.0	ug/kg	92.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 88.2	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-202

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Endrin							
Type of Spike : Laboratory Control							
10/12/94	LCS946618	CHGC6A41012120001	NA	50.0	39.6	ug/kg	79.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	50.0	43.9	ug/kg	88.0
10/14/94	LCS946618	CHGC6A41012120002	NA	50.0	39.7	ug/kg	79.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	50.0	43.6	ug/kg	87.0
10/23/94	LCS946787	CHGC6A41023120001	NA	50.0	44.9	ug/kg	90.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	50.0	35.4	ug/kg	71.0
10/24/94	LCS946785	CHGC6A41023120003	NA	50.0	37.4	ug/kg	75.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	50.0	31.9	ug/kg	64.0
10/29/94	LCS946785	CHGC6A41029120001	NA	50.0	36.8	ug/kg	74.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	50.0	31.2	ug/kg	62.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 76.9	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	30-147

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Endrin							
Type of Spike : Matrix Spike							
10/13/94	G94-DD-SS-01	CHGC6A41012120001	211	54.1	275	ug/kg	119
10/13/94	G94-DD-SS-01	CHGC6A41012120001	211	54.0	274	ug/kg	118
10/13/94	G94-PO-SS-01	CHGC6A41012120001	ND	60.8	60.2	ug/kg	99.0
10/13/94	G94-PO-SS-01	CHGC6A41012120001	ND	60.7	59.8	ug/kg	98.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	ND	57.9	45.2	ug/kg	78.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	ND	57.5	50.9	ug/kg	89.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	0.911	54.3	42.4	ug/kg	76.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	0.911	54.1	40.8	ug/kg	74.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	ND	54.3	42.1	ug/kg	77.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	ND	54.1	42.3	ug/kg	78.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 90.6	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	30-147

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Endrin Aldehyde							
Type of Spike : Laboratory Control							
10/12/94	LCS946618	CHGC6A41012120001	NA	50.0	0.529 (J)	ug/kg	1.10
10/12/94	LCSD946618	CHGC6A41012120001	NA	50.0	1.07	ug/kg	2.10
10/14/94	LCS946618	CHGC6A41012120002	NA	50.0	ND	ug/kg	DO
10/14/94	LCSD946618	CHGC6A41012120002	NA	50.0	1.37	ug/kg	2.70
10/23/94	LCS946787	CHGC6A41023120001	NA	50.0	0.122 (J)	ug/kg	0.200
10/23/94	LCSD946787	CHGC6A41023120001	NA	50.0	2.87	ug/kg	5.70
10/24/94	LCS946785	CHGC6A41023120003	NA	50.0	3.04	ug/kg	6.10
10/24/94	LCSD946785	CHGC6A41023120003	NA	50.0	12.2	ug/kg	24.0
10/29/94	LCS946785	CHGC6A41029120001	NA	50.0	3.12	ug/kg	6.20
10/29/94	LCSD946785	CHGC6A41029120001	NA	50.0	12.3	ug/kg	25.0

Number of Samples	: 10	Below acceptance :	1
Mean % Recovery	: 8.12	Above acceptance :	1
Standard Deviation	: NC	Acceptance Criteria	NS

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Heptachlor							
Type of Spike : Laboratory Control							
10/12/94	LCS946618	CHGC6A41012120001	NA	25.0	19.6	ug/kg	79.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	25.0	21.7	ug/kg	87.0
10/14/94	LCS946618	CHGC6A41012120002	NA	25.0	20.2	ug/kg	81.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	25.0	22.0	ug/kg	88.0
10/23/94	LCS946787	CHGC6A41023120001	NA	25.0	24.0	ug/kg	96.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	25.0	23.0	ug/kg	92.0
10/24/94	LCS946785	CHGC6A41023120003	NA	25.0	24.0	ug/kg	96.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	25.0	23.7	ug/kg	95.0
10/29/94	LCS946785	CHGC6A41029120001	NA	25.0	24.2	ug/kg	97.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	25.0	23.7	ug/kg	95.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 90.6			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 34-120				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Heptachlor							
Type of Spike : Matrix Spike							
10/13/94	G94-DD-SS-01	CHGC6A41012120001	ND	21.6	11.4 (J)	ug/kg	53.0
10/13/94	G94-DD-SS-01	CHGC6A41012120001	ND	21.6	12.0	ug/kg	56.0
10/13/94	G94-PO-SS-01	CHGC6A41012120001	ND	24.3	23.4	ug/kg	96.0
10/13/94	G94-PO-SS-01	CHGC6A41012120001	ND	24.3	23.5	ug/kg	97.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	ND	23.1	9.43 (J)	ug/kg	41.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	ND	23.0	12.2 (J)	ug/kg	53.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	ND	21.6	15.4	ug/kg	71.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	ND	21.7	16.6	ug/kg	76.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	ND	21.6	14.4	ug/kg	66.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	ND	21.7	14.6	ug/kg	67.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 67.6			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 34-120				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Heptachlor epoxide							
Type of Spike : Laboratory Control							
10/12/94	LCS946618	CHGC6A41012120001	NA	25.0	22.9	ug/kg	92.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	25.0	25.2	ug/kg	101
10/14/94	LCS946618	CHGC6A41012120002	NA	25.0	23.1	ug/kg	92.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	25.0	24.9	ug/kg	100
10/23/94	LCS946787	CHGC6A41023120001	NA	25.0	24.6	ug/kg	99.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	25.0	24.6	ug/kg	98.0
10/24/94	LCS946785	CHGC6A41023120003	NA	25.0	24.2	ug/kg	97.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	25.0	23.9	ug/kg	95.0
10/29/94	LCS946785	CHGC6A41029120001	NA	25.0	24.6	ug/kg	98.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	25.0	24.0	ug/kg	96.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 96.8			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 37-142				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Mirex							
Type of Spike : Laboratory Control							
10/12/94	LCS946618	CHGC6A41012120001	NA	50.0	46.4	ug/kg	93.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	50.0	47.5	ug/kg	95.0
10/14/94	LCS946618	CHGC6A41012120002	NA	50.0	44.9	ug/kg	90.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	50.0	46.5	ug/kg	93.0
10/23/94	LCS946787	CHGC6A41023120001	NA	50.0	45.6	ug/kg	91.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	50.0	43.6	ug/kg	87.0
10/24/94	LCS946785	CHGC6A41023120003	NA	50.0	45.8	ug/kg	92.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	50.0	45.0	ug/kg	90.0
10/29/94	LCS946785	CHGC6A41029120001	NA	50.0	45.0	ug/kg	90.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	50.0	43.9	ug/kg	88.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 90.9			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria NS				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : PCB-1016							
Type of Spike : Laboratory Control							
10/12/94	LCS946619	CHGC6A41012120001	NA	250	322	ug/kg	129
10/12/94	LCSD946619	CHGC6A41012120001	NA	250	206	ug/kg	82.0
10/14/94	LCS946619	CHGC6A41012120002	NA	250	305	ug/kg	122
10/14/94	LCSD946619	CHGC6A41012120002	NA	250	205	ug/kg	82.0
10/23/94	LCS946788	CHGC6A41023120001	NA	250	228	ug/kg	91.0
10/23/94	LCSD946788	CHGC6A41023120001	NA	250	224	ug/kg	90.0
10/24/94	LCS946786	CHGC6A41023120003	NA	250	221	ug/kg	88.0
10/24/94	LCSD946786	CHGC6A41023120003	NA	250	226	ug/kg	90.0
10/29/94	LCS946786	CHGC6A41029120001	NA	250	219	ug/kg	87.0
10/29/94	LCSD946786	CHGC6A41029120001	NA	250	226	ug/kg	90.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 95.1	Above acceptance :	2
Standard Deviation	: NC	Acceptance Criteria	50-120

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : PCB-1260							
Type of Spike : Laboratory Control							
10/12/94	LCS946619	CHGC6A41012120001	NA	250	214	ug/kg	85.0
10/12/94	LCSD946619	CHGC6A41012120001	NA	250	215	ug/kg	86.0
10/14/94	LCS946619	CHGC6A41012120002	NA	250	214	ug/kg	86.0
10/14/94	LCSD946619	CHGC6A41012120002	NA	250	216	ug/kg	86.0
10/23/94	LCS946788	CHGC6A41023120001	NA	250	220	ug/kg	88.0
10/23/94	LCSD946788	CHGC6A41023120001	NA	250	212	ug/kg	85.0
10/24/94	LCS946786	CHGC6A41023120003	NA	250	211	ug/kg	84.0
10/24/94	LCSD946786	CHGC6A41023120003	NA	250	215	ug/kg	86.0
10/29/94	LCS946786	CHGC6A41029120001	NA	250	207	ug/kg	83.0
10/29/94	LCSD946786	CHGC6A41029120001	NA	250	214	ug/kg	85.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 85.4	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	8-127

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : alpha-BHC							
Type of Spike : Laboratory Control							
10/12/94	LCS946618	CHGC6A41012120001	NA	25.0	19.8	ug/kg	79.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	25.0	22.1	ug/kg	88.0
10/14/94	LCS946618	CHGC6A41012120002	NA	25.0	20.3	ug/kg	81.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	25.0	22.1	ug/kg	88.0
10/23/94	LCS946787	CHGC6A41023120001	NA	25.0	21.9	ug/kg	87.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	25.0	21.2	ug/kg	85.0
10/24/94	LCS946785	CHGC6A41023120003	NA	25.0	22.0	ug/kg	88.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	25.0	21.8	ug/kg	87.0
10/29/94	LCS946785	CHGC6A41029120001	NA	25.0	22.1	ug/kg	88.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	25.0	21.7	ug/kg	87.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 85.8	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	37-134

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : alpha-Chlordane							
Type of Spike : Laboratory Control							
10/12/94	LCS946618	CHGC6A41012120001	NA	25.0	20.5	ug/kg	82.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	25.0	23.1	ug/kg	92.0
10/14/94	LCS946618	CHGC6A41012120002	NA	25.0	20.6	ug/kg	82.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	25.0	22.9	ug/kg	91.0
10/23/94	LCS946787	CHGC6A41023120001	NA	25.0	24.5	ug/kg	98.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	25.0	23.4	ug/kg	94.0
10/24/94	LCS946785	CHGC6A41023120003	NA	25.0	24.4	ug/kg	98.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	25.0	24.1	ug/kg	96.0
10/29/94	LCS946785	CHGC6A41029120001	NA	25.0	24.6	ug/kg	98.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	25.0	24.0	ug/kg	96.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 92.7	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	NS

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : delta-BHC							
Type of Spike : Laboratory Control							
10/12/94	LCS946618	CHGC6A41012120001	NA	25.0	18.7	ug/kg	75.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	25.0	19.0	ug/kg	76.0
10/14/94	LCS946618	CHGC6A41012120002	NA	25.0	19.2	ug/kg	77.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	25.0	19.2	ug/kg	77.0
10/23/94	LCS946787	CHGC6A41023120001	NA	25.0	20.4	ug/kg	82.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	25.0	19.8	ug/kg	79.0
10/24/94	LCS946785	CHGC6A41023120003	NA	25.0	21.1	ug/kg	84.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	25.0	20.8	ug/kg	83.0
10/29/94	LCS946785	CHGC6A41029120001	NA	25.0	20.8	ug/kg	83.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	25.0	20.2	ug/kg	81.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 79.7	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	19-140

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : gamma-BHC							
Type of Spike : Laboratory Control							
10/12/94	LCS946618	CHGC6A41012120001	NA	25.0	21.2	ug/kg	85.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	25.0	26.1	ug/kg	104
10/14/94	LCS946618	CHGC6A41012120002	NA	25.0	21.4	ug/kg	86.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	25.0	26.2	ug/kg	105
10/23/94	LCS946787	CHGC6A41023120001	NA	25.0	24.7	ug/kg	99.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	25.0	23.8	ug/kg	95.0
10/24/94	LCS946785	CHGC6A41023120003	NA	25.0	24.8	ug/kg	99.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	25.0	24.5	ug/kg	98.0
10/29/94	LCS946785	CHGC6A41029120001	NA	25.0	24.9	ug/kg	100
10/29/94	LCSD946785	CHGC6A41029120001	NA	25.0	24.5	ug/kg	98.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 96.9	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	32-127

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : gamma-BHC							
Type of Spike : Matrix Spike							
10/13/94	G94-DD-SS-01	CHGC6A41012120001	ND	21.6	28.4	ug/kg	131
10/13/94	G94-DD-SS-01	CHGC6A41012120001	ND	21.6	28.3	ug/kg	131
10/13/94	G94-PO-SS-01	CHGC6A41012120001	ND	24.3	23.8	ug/kg	98.0
10/13/94	G94-PO-SS-01	CHGC6A41012120001	ND	24.3	23.5	ug/kg	97.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	ND	23.0	30.5	ug/kg	132
10/23/94	G94-MB-SS-21	CHGC6A41023120001	ND	23.1	28.2	ug/kg	122
10/24/94	G94-MB-SS-01	CHGC6A41023120003	ND	21.6	18.0	ug/kg	83.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	ND	21.7	19.1	ug/kg	88.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	ND	21.7	21.9	ug/kg	101
10/29/94	G94-MB-SS-01	CHGC6A41029120001	ND	21.6	21.7	ug/kg	100

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 108	Above acceptance :	3
Standard Deviation	: NC	Acceptance Criteria	32-127

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : gamma-Chlordane							
Type of Spike : Laboratory Control							
10/12/94	LCS946618	CHGC6A41012120001	NA	25.0	19.1	ug/kg	76.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	25.0	21.6	ug/kg	86.0
10/14/94	LCS946618	CHGC6A41012120002	NA	25.0	19.1	ug/kg	77.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	25.0	21.4	ug/kg	85.0
10/23/94	LCS946787	CHGC6A41023120001	NA	25.0	22.8	ug/kg	91.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	25.0	21.9	ug/kg	88.0
10/24/94	LCS946785	CHGC6A41023120003	NA	25.0	22.9	ug/kg	91.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	25.0	22.5	ug/kg	90.0
10/29/94	LCS946785	CHGC6A41029120001	NA	25.0	23.0	ug/kg	92.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	25.0	22.5	ug/kg	90.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 86.6	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	NS

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene							
Type of Spike : Surrogate - Laboratory Control							
10/12/94	LCS946618	CHGC6A41012120001	NA	100	81.2	ug/kg	81.0
10/12/94	LCS946619	CHGC6A41012120001	NA	100	81.0	ug/kg	81.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	100	85.7	ug/kg	86.0
10/12/94	LCSD946619	CHGC6A41012120001	NA	100	76.5	ug/kg	76.0
10/14/94	LCS946618	CHGC6A41012120002	NA	100	80.4	ug/kg	80.0
10/14/94	LCS946619	CHGC6A41012120002	NA	100	80.7	ug/kg	81.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	100	83.7	ug/kg	84.0
10/14/94	LCSD946619	CHGC6A41012120002	NA	100	76.0	ug/kg	76.0
10/23/94	LCS946787	CHGC6A41023120001	NA	100	95.6	ug/kg	96.0
10/23/94	LCS946788	CHGC6A41023120001	NA	100	87.8	ug/kg	88.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	100	88.7	ug/kg	89.0
10/23/94	LCSD946788	CHGC6A41023120001	NA	100	87.8	ug/kg	88.0
10/24/94	LCS946785	CHGC6A41023120003	NA	100	95.8	ug/kg	96.0
10/24/94	LCS946786	CHGC6A41023120003	NA	100	87.4	ug/kg	87.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	100	90.9	ug/kg	91.0
10/24/94	LCSD946786	CHGC6A41023120003	NA	100	88.8	ug/kg	89.0
10/29/94	LCS946785	CHGC6A41029120001	NA	100	95.7	ug/kg	96.0
10/29/94	LCS946786	CHGC6A41029120001	NA	100	86.2	ug/kg	86
10/29/94	LCSD946785	CHGC6A41029120001	NA	100	90.0	ug/kg	90
10/29/94	LCSD946786	CHGC6A41029120001	NA	100	88.6	ug/kg	89.0

Number of Samples	: 20	Below acceptance :	0
Mean % Recovery	: 86.5	Above acceptance :	0
Standard Deviation	: 6.01	Acceptance Criteria	20-150

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene							
Type of Spike : Surrogate - Matrix Spike							
10/13/94	G94-DD-SS-01	CHGC6A41012120001	NA	108	94.8	ug/kg	88.0
10/13/94	G94-DD-SS-01	CHGC6A41012120001	NA	108	89.6	ug/kg	83.0
10/13/94	G94-PO-SS-01	CHGC6A41012120001	NA	121	114	ug/kg	94.0
10/13/94	G94-PO-SS-01	CHGC6A41012120001	NA	122	117	ug/kg	97.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	NA	116	90.0	ug/kg	78.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	NA	115	107	ug/kg	93.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	NA	109	104	ug/kg	95.0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene							
Type of Spike : Surrogate - Matrix Spike, cont.							
10/24/94	G94-MB-SS-01	CHGC6A41023120003	NA	108	97.1	ug/kg	90.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	NA	109	104	ug/kg	96.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	NA	108	102	ug/kg	94.0
Number of Samples : 10			Below acceptance : 0				
Mean % Recovery : 90.8			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 20-150				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene							
Type of Spike : Surrogate - Method Blank							
10/12/94	BLK944272 B	CHGC6A41012120001	NA	100	83.0	ug/kg	83.0
10/14/94	BLK944272	CHGC6A41012120002	NA	100	81.4	ug/kg	81.0
10/23/94	BLK944378	CHGC6A41023120001	NA	100	91.3	ug/kg	91.0
10/24/94	BLK944377	CHGC6A41023120003	NA	100	90.3	ug/kg	90.0
10/29/94	BLK944377	CHGC6A41029120001	NA	100	91.4	ug/kg	91.0
Number of Samples : 5			Below acceptance : 0				
Mean % Recovery : 87.2			Above acceptance : 0				
Standard Deviation : 4.82			Acceptance Criteria 20-150				
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene							
Type of Spike : Surrogate - Normal Sample							
10/13/94	G94-DD-SS-01	CHGC6A41012120001	NA	108	90.5	ug/kg	84.0
10/13/94	G94-DD-SS-02	CHGC6A41012120001	NA	109	93.8	ug/kg	86.0
10/13/94	G94-DD-SS-03	CHGC6A41012120001	NA	113	91.6	ug/kg	81.0
10/13/94	G94-DD-SS-04	CHGC6A41012120001	NA	104	97.1	ug/kg	93.0
10/13/94	G94-DD-SS-05	CHGC6A41012120001	NA	108	96.6	ug/kg	89.0
10/13/94	G94-PO-SS-01	CHGC6A41012120001	NA	121	111	ug/kg	92.0
10/13/94	G94-PO-SS-02	CHGC6A41012120001	NA	115	108	ug/kg	93.0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene							
Type of Spike : Surrogate - Normal Sample, cont.							
10/23/94	G94-MB-SS-21	CHGC6A41023120001	NA	114	104	ug/kg	91.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	NA	109	101	ug/kg	93.0
10/24/94	G94-MB-SS-02	CHGC6A41023120003	NA	109	100	ug/kg	92.0
10/24/94	G94-MB-SS-03	CHGC6A41023120003	NA	110	34.3	ug/kg	31.0
10/24/94	G94-MB-SS-04	CHGC6A41023120003	NA	112	105	ug/kg	94.0
10/24/94	G94-MB-SS-05	CHGC6A41023120003	NA	103	94.2	ug/kg	92.0
10/24/94	G94-MB-SS-06	CHGC6A41023120003	NA	142	53.7	ug/kg	38.0
10/24/94	G94-MB-SS-07	CHGC6A41023120003	NA	125	123	ug/kg	98.0
10/24/94	G94-MB-SS-08	CHGC6A41023120003	NA	109	111	ug/kg	102
10/24/94	G94-MB-SS-09	CHGC6A41023120003	NA	106	97.2	ug/kg	92.0
10/24/94	G94-MB-SS-10	CHGC6A41023120003	NA	108	ND	ug/kg	DO
10/24/94	G94-MB-SS-11	CHGC6A41023120003	NA	114	119	ug/kg	104
10/24/94	G94-MB-SS-22	CHGC6A41023120001	NA	119	118	ug/kg	99.0
10/24/94	G94-MB-SS-23	CHGC6A41023120001	NA	142	148	ug/kg	104
10/25/94	G94-MB-SS-15	CHGC6A41023120003	NA	178	161	ug/kg	90.0
10/25/94	G94-MB-SS-16	CHGC6A41023120003	NA	102	48.6	ug/kg	48.0
10/25/94	G94-MB-SS-17	CHGC6A41023120003	NA	105	68.7	ug/kg	65.0
10/25/94	G94-MB-SS-18	CHGC6A41023120003	NA	106	85.1	ug/kg	80
10/25/94	G94-MB-SS-19	CHGC6A41023120003	NA	116	45.3	ug/kg	39
10/25/94	G94-MB-SS-20	CHGC6A41023120003	NA	105	35.1	ug/kg	34.0
10/30/94	G94-MB-SS-12	CHGC6A41029120001	NA	114	112	ug/kg	98.0
10/30/94	G94-MB-SS-13	CHGC6A41029120001	NA	114	116	ug/kg	101
10/30/94	G94-MB-SS-14	CHGC6A41029120001	NA	124	130	ug/kg	105

Number of Samples : 30 — Below acceptance : 0
Mean % Recovery : 83.0 — Above acceptance : 0
Standard Deviation : 22.6 — Acceptance Criteria 20-150

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate							
Type of Spike : Surrogate - Laboratory Control							
10/12/94	LCS946618	CHGC6A41012120001	NA	100	86.5	ug/kg	86.0
10/12/94	LCS946619	CHGC6A41012120001	NA	100	84.5	ug/kg	84.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	100	90.8	ug/kg	91.0
10/12/94	LCSD946619	CHGC6A41012120001	NA	100	86.2	ug/kg	86.0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate							
Type of Spike : Surrogate - Laboratory Control, cont.							
10/14/94	LCS946618	CHGC6A41012120002	NA	100	86.4	ug/kg	86.0
10/14/94	LCS946619	CHGC6A41012120002	NA	100	85.7	ug/kg	86.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	100	90.1	ug/kg	90.0
10/14/94	LCSD946619	CHGC6A41012120002	NA	100	87.8	ug/kg	88.0
10/23/94	LCS946787	CHGC6A41023120001	NA	100	95.6	ug/kg	96.0
10/23/94	LCS946788	CHGC6A41023120001	NA	100	92.1	ug/kg	92.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	100	89.7	ug/kg	90.0
10/23/94	LCSD946788	CHGC6A41023120001	NA	100	90.5	ug/kg	90.0
10/24/94	LCS946785	CHGC6A41023120003	NA	100	96.0	ug/kg	96.0
10/24/94	LCS946786	CHGC6A41023120003	NA	100	89.1	ug/kg	89.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	100	93.9	ug/kg	94.0
10/24/94	LCSD946786	CHGC6A41023120003	NA	100	91.3	ug/kg	91.0
10/29/94	LCS946785	CHGC6A41029120001	NA	100	95.3	ug/kg	95.0
10/29/94	LCS946786	CHGC6A41029120001	NA	100	87.2	ug/kg	87.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	100	92.5	ug/kg	92.0
10/29/94	LCSD946786	CHGC6A41029120001	NA	100	90.2	ug/kg	90.0

Number of Samples	: 20	Below acceptance :	0
Mean % Recovery	: 90.0	Above acceptance :	0
Standard Deviation	: 3.53	Acceptance Criteria	20-150

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate							
Type of Spike : Surrogate - Matrix Spike							
10/13/94	G94-DD-SS-01	CHGC6A41012120001	NA	108	123	ug/kg	114
10/13/94	G94-DD-SS-01	CHGC6A41012120001	NA	108	77.6	ug/kg	72.0
10/13/94	G94-PO-SS-01	CHGC6A41012120001	NA	121	125	ug/kg	103
10/13/94	G94-PO-SS-01	CHGC6A41012120001	NA	122	125	ug/kg	103
10/23/94	G94-MB-SS-21	CHGC6A41023120001	NA	115	60.5	ug/kg	53.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	NA	116	45.0	ug/kg	39.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	NA	108	122	ug/kg	113
10/24/94	G94-MB-SS-01	CHGC6A41023120003	NA	109	168	ug/kg	154
10/29/94	G94-MB-SS-01	CHGC6A41029120001	NA	109	160	ug/kg	147
10/29/94	G94-MB-SS-01	CHGC6A41029120001	NA	108	94.5	ug/kg	87.0

Number of Samples	: 10	Below acceptance :	0
Mean % Recovery	: 98.5	Above acceptance :	1
Standard Deviation	: NC	Acceptance Criteria	20-150

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate							
Type of Spike : Surrogate - Method Blank							
10/12/94	BLK944272 B	CHGC6A41012120001	NA	100	91.3	ug/kg	91.0
10/14/94	BLK944272	CHGC6A41012120002	NA	100	90.3	ug/kg	90.0
10/23/94	BLK944378	CHGC6A41023120001	NA	100	90.6	ug/kg	91.0
10/24/94	BLK944377	CHGC6A41023120003	NA	100	92.9	ug/kg	93.0
10/29/94	BLK944377	CHGC6A41029120001	NA	100	93.0	ug/kg	93.0

Number of Samples	: 5	Below acceptance :	0
Mean % Recovery	: 91.6	Above acceptance :	0
Standard Deviation	: 1.34	Acceptance Criteria	20-150

Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate							
Type of Spike : Surrogate - Normal Sample							
10/13/94	G94-DD-SS-01	CHGC6A41012120001	NA	108	145	ug/kg	1
10/13/94	G94-DD-SS-02	CHGC6A41012120001	NA	109	56.4	ug/kg	52
10/13/94	G94-DD-SS-03	CHGC6A41012120001	NA	113	82.5	ug/kg	73.0
10/13/94	G94-DD-SS-04	CHGC6A41012120001	NA	104	75.4	ug/kg	72.0
10/13/94	G94-DD-SS-05	CHGC6A41012120001	NA	108	81.1	ug/kg	75.0
10/13/94	G94-PO-SS-01	CHGC6A41012120001	NA	121	124	ug/kg	102
10/13/94	G94-PO-SS-02	CHGC6A41012120001	NA	115	118	ug/kg	102
10/23/94	G94-MB-SS-21	CHGC6A41023120001	NA	114	49.2	ug/kg	43.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	NA	109	115	ug/kg	106
10/24/94	G94-MB-SS-02	CHGC6A41023120003	NA	109	93.2	ug/kg	86.0
10/24/94	G94-MB-SS-03	CHGC6A41023120003	NA	110	918	ug/kg	837
10/24/94	G94-MB-SS-04	CHGC6A41023120003	NA	112	82.1	ug/kg	74.0
10/24/94	G94-MB-SS-05	CHGC6A41023120003	NA	103	49.1	ug/kg	48.0
10/24/94	G94-MB-SS-06	CHGC6A41023120003	NA	142	ND	ug/kg	DO
10/24/94	G94-MB-SS-07	CHGC6A41023120003	NA	125	166	ug/kg	133
10/24/94	G94-MB-SS-08	CHGC6A41023120003	NA	109	92.9	ug/kg	85.0
10/24/94	G94-MB-SS-09	CHGC6A41023120003	NA	106	71.4	ug/kg	67.0
10/24/94	G94-MB-SS-10	CHGC6A41023120003	NA	108	ND	ug/kg	DO
10/24/94	G94-MB-SS-11	CHGC6A41023120003	NA	114	90.1	ug/kg	79.0
10/24/94	G94-MB-SS-22	CHGC6A41023120001	NA	119	83.8	ug/kg	70.0
10/24/94	G94-MB-SS-23	CHGC6A41023120001	NA	142	124	ug/kg	87.0
10/25/94	G94-MB-SS-15	CHGC6A41023120003	NA	178	249	ug/kg	140

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8080 - Organochlorine Pesticides and PCBs							
Spiked Analyte : Dibutylchlorendate							
Type of Spike : Surrogate - Normal Sample, cont.							
10/25/94	G94-MB-SS-19	CHGC6A41023120003	NA	116	ND	ug/kg	DO
10/25/94	G94-MB-SS-20	CHGC6A41023120003	NA	105	ND	ug/kg	DO
10/30/94	G94-MB-SS-12	CHGC6A41029120001	NA	114	76.9	ug/kg	68.0
10/30/94	G94-MB-SS-13	CHGC6A41029120001	NA	114	122	ug/kg	107
10/30/94	G94-MB-SS-14	CHGC6A41029120001	NA	124	1150	ug/kg	930
10/25/94	G94-MB-SS-16	CHGC6B41023120003	NA	102	22.6	ug/kg	22.0
10/25/94	G94-MB-SS-17	CHGC6B41023120003	NA	105	46.4	ug/kg	44.0
10/25/94	G94-MB-SS-18	CHGC6B41023120003	NA	106	56.5	ug/kg	54.0
Number of Samples : 30			Below acceptance : 0				
Mean % Recovery : 142			Above acceptance : 2				
Standard Deviation : 221			Acceptance Criteria 20-150				
Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,1,1-Trichloroethane							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	20.6	ug/kg	103
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	23.3	ug/kg	117
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 110			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 52-162				
Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,1,2,2-Tetrachloroethane							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	20.8	ug/kg	104
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	21.4	ug/kg	107
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 106			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 46-157				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics Spiked Analyte : 1,1,2-Trichloroethane Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	17.9	ug/kg	89.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	19.2	ug/kg	96.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 92.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 52-150				
Method : SW8240 - Volatile Organics Spiked Analyte : 1,1-Dichloroethane Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	18.4	ug/kg	92.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	21.1	ug/kg	106
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 99.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 59-155				
Method : SW8240 - Volatile Organics Spiked Analyte : 1,1-Dichloroethene Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	19.1	ug/kg	96.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	22.0	ug/kg	110
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 103			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-234				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,1-Dichloroethene							
Type of Spike : Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSDB41003194901	ND	60.7	47.9	ug/kg	79.0
10/04/94	G94-PO-SS-01	MSMSDB41003194901	ND	60.1	57.2	ug/kg	95.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 87.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-234				
Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,2-Dichloroethane							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	19.3	ug/kg	97.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	22.2	ug/kg	111
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 104			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 49-155				
Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,2-Dichloropropane							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	18.9	ug/kg	94.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	20.6	ug/kg	103
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 98.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-210				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : 2-Chloroethyl vinyl ether							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	40.0	ug/kg	200
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	43.7	ug/kg	219

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 210	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	NS

Method : SW8240 - Volatile Organics							
Spiked Analyte : 2-Hexanone							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	100	93.8	ug/kg	94.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	100	91.2	ug/kg	91.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 92.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	NS

Method : SW8240 - Volatile Organics							
Spiked Analyte : 4-Methyl-2-Pentanone(MIBK)							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	100	99.1	ug/kg	99.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	100	102	ug/kg	102

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 101	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	NS

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : Acetone							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	100	123	ug/kg	123
10/03/94	LCSD946494	MSMSDB41003194901	NA	100	128	ug/kg	128
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 126			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria NS				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Benzene							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	20.8	ug/kg	104
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	21.9	ug/kg	110
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 107			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 37-151				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Benzene							
Type of Spike : Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSDB41003194901	ND	60.1	66.4	ug/kg	111
10/04/94	G94-PO-SS-01	MSMSDB41003194901	ND	60.7	60.4	ug/kg	99.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 105			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 37-151				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : Bromodichloromethane							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	19.4	ug/kg	97.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	20.3	ug/kg	102

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 99.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	35-155

Method : SW8240 - Volatile Organics							
Spiked Analyte : Bromomethane							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	15.8	ug/kg	79.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	17.6	ug/kg	88.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 83.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-242

Method : SW8240 - Volatile Organics							
Spiked Analyte : Carbon disulfide							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	18.9	ug/kg	94.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	21.4	ug/kg	107

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 101	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	NS

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : Carbon tetrachloride							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	20.9	ug/kg	105
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	21.4	ug/kg	107

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 106	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	70-140

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : Chlorobenzene							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	18.3	ug/kg	91.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	18.5	ug/kg	92.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 91.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	37-160

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : Chlorobenzene							
Type of Spike : Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSDB41003194901	ND	60.1	57.6	ug/kg	96.0
10/04/94	G94-PO-SS-01	MSMSDB41003194901	ND	60.7	55.9	ug/kg	92.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 94.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	37-160

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : Chloroethane							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	17.4	ug/kg	87.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	19.2	ug/kg	96.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 91.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	NS

Method : SW8240 - Volatile Organics							
Spiked Analyte : Chloroform							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	19.8	ug/kg	99.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	20.9	ug/kg	104

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 102	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	51-138

Method : SW8240 - Volatile Organics							
Spiked Analyte : Chloromethane							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	15.7	ug/kg	79.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	17.9	ug/kg	89.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 84.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-273

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : Dibromochloromethane							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	16.6	ug/kg	83.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	17.3	ug/kg	86.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 84.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	53-149

Method : SW8240 - Volatile Organics							
Spiked Analyte : Ethyl benzene							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	17.3	ug/kg	86.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	18.5	ug/kg	93.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 89.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	37-162

Method : SW8240 - Volatile Organics							
Spiked Analyte : Methyl ethyl ketone							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	100	88.0	ug/kg	88.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	100	91.0	ug/kg	91.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 89.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	NS

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : Methylene Chloride							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	19.8	ug/kg	99.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	21.4	ug/kg	107

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 103	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-221

Method : SW8240 - Volatile Organics							
Spiked Analyte : Styrene							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	17.1	ug/kg	86.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	18.2	ug/kg	91.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 88.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	NS

Method : SW8240 - Volatile Organics							
Spiked Analyte : Tetrachloroethene							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	17.7	ug/kg	89.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	18.0	ug/kg	90.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 89.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	64-148

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : Toluene							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	19.2	ug/kg	96.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	20.5	ug/kg	102
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 99.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 47-150				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Toluene							
Type of Spike : Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSDB41003194901	ND	60.7	53.4	ug/kg	88.0
10/04/94	G94-PO-SS-01	MSMSDB41003194901	ND	60.1	59.4	ug/kg	99.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 93.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 47-150				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Tribromomethane(Bromoform)							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	15.0	ug/kg	75.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	15.4	ug/kg	77.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 76.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 45-169				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics Spiked Analyte : Trichloroethene Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	16.5	ug/kg	82.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	17.6	ug/kg	88.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 85.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 71-157				
Method : SW8240 - Volatile Organics Spiked Analyte : Trichloroethene Type of Spike : Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSDB41003194901	ND	60.7	45.4	ug/kg	75.0
10/04/94	G94-PO-SS-01	MSMSDB41003194901	ND	60.1	48.4	ug/kg	81.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 78.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 71-157				
Method : SW8240 - Volatile Organics Spiked Analyte : Vinyl Chloride Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	15.2	ug/kg	76.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	16.8	ug/kg	84.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 80.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-251				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : Vinyl acetate							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	23.3	ug/kg	116
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	25.4	ug/kg	127
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 122			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria NS				
Method : SW8240 - Volatile Organics							
Spiked Analyte : Xylene (total)							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	60.0	53.2	ug/kg	89.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	60.0	56.8	ug/kg	95.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 92.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria NS				
Method : SW8240 - Volatile Organics							
Spiked Analyte : cis-1,3-Dichloropropene							
Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	18.6	ug/kg	93.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	19.8	ug/kg	99.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 96.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-227				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8240 - Volatile Organics Spiked Analyte : trans-1,2-Dichloroethene Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	18.8	ug/kg	94.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	21.2	ug/kg	106
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 100			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 54-156				
Method : SW8240 - Volatile Organics Spiked Analyte : trans-1,3-Dichloropropene Type of Spike : Laboratory Control							
10/03/94	LCS946493	MSMSDB41003194901	NA	20.0	17.8	ug/kg	89.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	20.0	19.6	ug/kg	98.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 93.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 17-183				
Method : SW8240 - Volatile Organics Spiked Analyte : 1,2-Dichloroethane-d4 Type of Spike : Surrogate - Equipment Blank							
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	NA	50.0	58.8	ug/kg	118
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 118			Above acceptance : 1				
Standard Deviation : NC			Acceptance Criteria 76-114				
Method : SW8240 - Volatile Organics Spiked Analyte : 1,2-Dichloroethane-d4 Type of Spike : Surrogate - Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,2-Dichloroethane-d4							
Type of Spike : Surrogate - Laboratory Control, cont.							
10/03/94	LCS946493	MSMSDB41003194901	NA	50.0	52.0	ug/kg	104
10/03/94	LCSD946494	MSMSDB41003194901	NA	50.0	57.1	ug/kg	114

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 109	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	76-114

Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,2-Dichloroethane-d4							
Type of Spike : Surrogate - Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSDB41003194901	NA	60.1	68.2	ug/kg	113
10/04/94	G94-PO-SS-01	MSMSDB41003194901	NA	60.7	65.5	ug/kg	108

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 111	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	76-114

Method : SW8240 - Volatile Organics							
Spiked Analyte : 1,2-Dichloroethane-d4							
Type of Spike : Surrogate - Method Blank							
10/03/94	BLK944177	MSMSDB41003194901	NA	50.0	55.8	ug/kg	112

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 112	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	76-114

Method : SW8240 - Volatile Organics
Spiked Analyte : 1,2-Dichloroethane-d4
Type of Spike : Surrogate - Normal Sample

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8240 - Volatile Organics Spiked Analyte : 1,2-Dichloroethane-d4 Type of Spike : Surrogate - Normal Sample, cont.							
10/04/94	G94-PO-SS-01	MSMSDB41003194901	NA	60.5	70.9	ug/kg	117
10/04/94	G94-PO-SS-02	MSMSDB41003194901	NA	57.1	63.1	ug/kg	110

Number of Samples : 2 — Below acceptance : 0
Mean % Recovery : 114 — Above acceptance : 1
Standard Deviation : NC — Acceptance Criteria 76-114

Method : SW8240 - Volatile Organics Spiked Analyte : 1,2-Dichloroethane-d4 Type of Spike : Surrogate - Trip Blank							
10/04/94	G94-TB-09	MSMSDB41003194901	NA	50.0	58.2	ug/kg	116
10/04/94	G94-TB-11	MSMSDB41003194901	NA	50.0	57.4	ug/kg	115

Number of Samples : 2 — Below acceptance : 0
Mean % Recovery : 116 — Above acceptance : 2
Standard Deviation : NC — Acceptance Criteria 76-114

Method : SW8240 - Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene Type of Spike : Surrogate - Equipment Blank							
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	NA	50.0	45.3	ug/kg	91.0

Number of Samples : 1 — Below acceptance : 0
Mean % Recovery : 91.0 — Above acceptance : 0
Standard Deviation : NC — Acceptance Criteria 86-115

Method : SW8240 - Volatile Organics
Spiked Analyte : 1,4-Bromofluorobenzene
Type of Spike : Surrogate - Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene Type of Spike : Surrogate - Laboratory Control, cont.							
10/03/94	LCS946493	MSMSDB41003194901	NA	50.0	46.2	ug/kg	92.0
10/03/94	LCSD946494	MSMSDB41003194901	NA	50.0	47.6	ug/kg	95.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 93.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 86-115				
Method : SW8240 - Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene Type of Spike : Surrogate - Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSDB41003194901	NA	60.1	46.1	ug/kg	77.0
10/04/94	G94-PO-SS-01	MSMSDB41003194901	NA	60.7	45.5	ug/kg	75.0
Number of Samples : 2			Below acceptance : 2				
Mean % Recovery : 76.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 86-115				
Method : SW8240 - Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene Type of Spike : Surrogate - Method Blank							
10/03/94	BLK944177	MSMSDB41003194901	NA	50.0	45.0	ug/kg	90.0
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 90.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 86-115				
Method : SW8240 - Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene Type of Spike : Surrogate - Normal Sample							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene Type of Spike : Surrogate - Normal Sample, cont.							
10/04/94	G94-PO-SS-01	MSMSDB41003194901	NA	60.5	47.6	ug/kg	79.0
10/04/94	G94-PO-SS-02	MSMSDB41003194901	NA	57.1	46.5	ug/kg	82.0
Number of Samples : 2			Below acceptance : 2				
Mean % Recovery : 80.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 86-115				
Method : SW8240 - Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene Type of Spike : Surrogate - Trip Blank							
10/04/94	G94-TB-09	MSMSDB41003194901	NA	50.0	44.1	ug/kg	88.0
10/04/94	G94-TB-11	MSMSDB41003194901	NA	50.0	44.6	ug/kg	89.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 88.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 86-115				
Method : SW8240 - Volatile Organics Spiked Analyte : Toluene-d8 Type of Spike : Surrogate - Equipment Blank							
10/04/94	G94-PO-SS-02-EB	MSMSDB41003194901	NA	50.0	54.5	ug/kg	109
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 109			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 88-110				
Method : SW8240 - Volatile Organics Spiked Analyte : Toluene-d8 Type of Spike : Surrogate - Laboratory Control							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : Toluene-d8							
Type of Spike : Surrogate - Laboratory Control, cont.							
10/03/94	LCS946493	MSMSDB41003194901	NA	50.0	51.2	ug/kg	102
10/03/94	LCSD946494	MSMSDB41003194901	NA	50.0	50.2	ug/kg	100

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 101	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	88-110

Method : SW8240 - Volatile Organics							
Spiked Analyte : Toluene-d8							
Type of Spike : Surrogate - Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSDB41003194901	NA	60.1	57.8	ug/kg	96.0
10/04/94	G94-PO-SS-01	MSMSDB41003194901	NA	60.7	56.8	ug/kg	94.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 95.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	88-110

Method : SW8240 - Volatile Organics							
Spiked Analyte : Toluene-d8							
Type of Spike : Surrogate - Method Blank							
10/03/94	BLK944177	MSMSDB41003194901	NA	50.0	49.0	ug/kg	98.0

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 98.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	88-110

Method : SW8240 - Volatile Organics
Spiked Analyte : Toluene-d8
Type of Spike : Surrogate - Normal Sample

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8240 - Volatile Organics							
Spiked Analyte : Toluene-d8							
Type of Spike : Surrogate - Normal Sample, cont.							
10/04/94	G94-PO-SS-01	MSMSDB41003194901	NA	60.5	58.1	ug/kg	96.0
10/04/94	G94-PO-SS-02	MSMSDB41003194901	NA	57.1	54.3	ug/kg	95.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 95.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	88-110

Method : SW8240 - Volatile Organics							
Spiked Analyte : Toluene-d8							
Type of Spike : Surrogate - Trip Blank							
10/04/94	G94-TB-09	MSMSDB41003194901	NA	50.0	50.5	ug/kg	101
10/04/94	G94-TB-11	MSMSDB41003194901	NA	50.0	50.5	ug/kg	101

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 101	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	88-110

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,2,4-Trichlorobenzene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.48	ug/g	105
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.44	ug/g	103

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 104	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	44-142

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,2,4-Trichlorobenzene							
Type of Spike : Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	4.04	3.91	ug/g	97.0
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	4.04	4.11	ug/g	102
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 99.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 44-142				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,2-Dichlorobenzene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.53	ug/g	106
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.35	ug/g	100
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 103			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 32-129				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,3-Dichlorobenzene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.51	ug/g	105
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.36	ug/g	101
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 103			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-172				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,4-Dichlorobenzene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.31	ug/g	99.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.29	ug/g	99.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 99.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	20-124

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 1,4-Dichlorobenzene							
Type of Spike : Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	4.04	3.66	ug/g	91.0
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	4.04	3.66	ug/g	91.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 91.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	20-124

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,5-Trichlorophenol							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.52	ug/g	106
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.36	ug/g	101

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 104	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	61-116

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Trichlorophenol							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	2.90	ug/g	87.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	2.81	ug/g	84.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 85.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	37-144

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dichlorophenol							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.30	ug/g	99.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.32	ug/g	100

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 99.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	39-135

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dimethylphenol							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	2.27	ug/g	68.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	2.17	ug/g	65.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 66.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-116

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dinitrophenol							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	4.34	ug/g	130
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	4.26	ug/g	128

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 129	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	33-132

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dinitrotoluene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.36	ug/g	101
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.30	ug/g	99.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 100	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	39-139

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4-Dinitrotoluene							
Type of Spike : Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	4.04	3.90	ug/g	97.0
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	4.04	3.73	ug/g	92.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 94.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	39-139

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,6-Dinitrotoluene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.88	ug/g	116
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.71	ug/g	111

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 114	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	50-158

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Chloronaphthalene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.15	ug/g	94.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	2.98	ug/g	89.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 91.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	60-118

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Chlorophenol							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.41	ug/g	102
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.33	ug/g	100

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 101	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	23-134

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Chlorophenol							
Type of Spike : Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	8.08	7.44	ug/g	92.0
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	8.08	7.26	ug/g	90.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 91.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 23-134				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Methylnaphthalene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.61	ug/g	108
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.56	ug/g	107
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 108			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 30-168				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Methylphenol							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.19	ug/g	96.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.11	ug/g	93.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 94.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 25-135				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Nitroaniline							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.46	ug/g	104
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.35	ug/g	100

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 102	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	28-167

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Nitrophenol							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.63	ug/g	109
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.54	ug/g	106

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 108	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	29-182

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 3,3'-Dichlorobenzidine							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	4.90	ug/g	147
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	4.65	ug/g	139

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 143	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-262

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 3-Nitroaniline							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.65	ug/g	110
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.49	ug/g	105

Number of Samples : 2 — Below acceptance : 0
Mean % Recovery : 108 — Above acceptance : 0
Standard Deviation : NC — Acceptance Criteria 60-152

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4,6-Dinitro-2-methylphenol							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	4.33	ug/g	130
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	4.10	ug/g	123

Number of Samples : 2 — Below acceptance : 0
Mean % Recovery : 127 — Above acceptance : 0
Standard Deviation : NC — Acceptance Criteria D-191

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Bromophenyl phenyl ether							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.53	ug/g	106
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.59	ug/g	108

Number of Samples : 2 — Below acceptance : 0
Mean % Recovery : 107 — Above acceptance : 0
Standard Deviation : NC — Acceptance Criteria 53-127

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Chloro-3-methylphenol							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.30	ug/g	99.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.31	ug/g	99.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 99.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	22-147

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Chloro-3-methylphenol							
Type of Spike : Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	8.08	7.78	ug/g	96.0
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	8.08	7.34	ug/g	91.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 93.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	22-147

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Chlorophenyl phenyl ether							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.81	ug/g	114
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.58	ug/g	108

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 111	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	25-158

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Methylphenol/3-Methylphenol							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.15	ug/g	95.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.12	ug/g	94.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 94.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	29-182

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Nitroaniline							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.20	ug/g	96.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.05	ug/g	92.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 94.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	42-155

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Nitrophenol							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.48	ug/g	104
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.43	ug/g	103

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 104	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-132

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 4-Nitrophenol							
Type of Spike : Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	8.08	8.53	ug/g	106
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	8.08	7.91	ug/g	98.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 102			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria D-132				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Acenaphthene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.24	ug/g	97.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.27	ug/g	98.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 97.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 47-145				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Acenaphthene							
Type of Spike : Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	4.04	3.90	ug/g	97.0
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	4.04	3.61	ug/g	89.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 93.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 47-145				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Acenaphthylene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.72	ug/g	112
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.59	ug/g	108
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 110			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 33-145				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Anthracene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.74	ug/g	112
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.65	ug/g	110
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 111			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 27-133				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(a)anthracene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.89	ug/g	117
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.68	ug/g	110
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 114			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 33-143				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(a)pyrene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.47	ug/g	104
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.46	ug/g	104

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 104	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	17-163

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(b)fluoranthene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.44	ug/g	103
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.33	ug/g	100

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 102	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	24-159

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(g,h,i)perylene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	4.10	ug/g	123
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.91	ug/g	117

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 120	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-219

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzo(k)fluoranthene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.98	ug/g	119
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	4.10	ug/g	123

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 121	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	11-162

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzoic acid							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	2.38	ug/g	71.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	2.31	ug/g	69.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 70.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	0-197

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Benzyl alcohol							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.63	ug/g	109
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.68	ug/g	110

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 110	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	NS

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Butylbenzylphthalate							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.94	ug/g	118
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.73	ug/g	112

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 115	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-152

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Chrysene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.70	ug/g	111
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.35	ug/g	100

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 106	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	17-168

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Di-n-octylphthalate							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	4.34	ug/g	130
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	4.36	ug/g	131

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 131	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	4-146

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Dibenz(a,h)anthracene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.56	ug/g	107
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.29	ug/g	99.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 103	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-227

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Dibenzofuran							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.46	ug/g	104
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.33	ug/g	100

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 102	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	67-126

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Dibutylphthalate							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.86	ug/g	116
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.69	ug/g	111

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 114	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	1-118

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Diethylphthalate							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.72	ug/g	112
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.65	ug/g	109

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 111	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	67-143

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Dimethylphthalate							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.62	ug/g	109
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.46	ug/g	104

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 107	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	68-127

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Diphenylamine							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.47	ug/g	104
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.27	ug/g	98.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 101	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	NS

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Fluoranthene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.50	ug/g	105
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.47	ug/g	104

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 105	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	26-137

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Fluorene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.12	ug/g	93.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	2.99	ug/g	90.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 91.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	59-121

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachlorobenzene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.35	ug/g	101
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.60	ug/g	108

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 105	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-152

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachlorobutadiene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.52	ug/g	106
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.34	ug/g	100

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 103	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	40-137

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachlorocyclopentadiene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	1.48	ug/g	44.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	1.46	ug/g	44.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 44.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	0-249

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Hexachloroethane							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.65	ug/g	110
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.76	ug/g	113

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 112	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	53-143

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Indeno(1,2,3-cd)pyrene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.58	ug/g	107
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.48	ug/g	104

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 106	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-171

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Isophorone							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.75	ug/g	112
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.73	ug/g	112

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 112	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	21-196

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : N-Nitroso-di-n-propylamine							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.56	ug/g	107
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.54	ug/g	106

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 107	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-230

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : N-Nitroso-di-n-propylamine							
Type of Spike : Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	4.04	4.01	ug/g	99.0
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	4.04	3.89	ug/g	96.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 97.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	D-230

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Naphthalene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.51	ug/g	105
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.46	ug/g	104

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 105	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	21-133

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.53	ug/g	106
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.47	ug/g	104

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 105	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	35-180

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Pentachlorophenol							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.11	ug/g	93.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.03	ug/g	91.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 92.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	14-176

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Pentachlorophenol							
Type of Spike : Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	8.08	7.29	ug/g	90.0
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	8.08	7.38	ug/g	91.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 90.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	14-176

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenanthrene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.30	ug/g	99.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.24	ug/g	97.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 98.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	54-120

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.39	ug/g	102
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.38	ug/g	101

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 102	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	5-112

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol							
Type of Spike : Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	8.08	7.09	ug/g	88.0
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	8.08	7.16	ug/g	89.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 88.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	5-112

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Pyrene							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.61	ug/g	108
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.57	ug/g	107

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 108	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	52-115

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Pyrene							
Type of Spike : Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	4.04	4.39	ug/g	109
10/04/94	G94-PO-SS-01	MSMSD141004080401	ND	4.04	4.42	ug/g	109

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 109	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	52-115

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : bis(2-Chloroethoxy)methane							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.32	ug/g	99.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.35	ug/g	101

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 100	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	33-184

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : bis(2-Chloroethyl)ether							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.26	ug/g	98.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.21	ug/g	96.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 97.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	12-158

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : bis(2-Chloroisopropyl)ether							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.18	ug/g	95.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.16	ug/g	95.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 95.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	36-166

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : bis(2-Ethylhexyl)phthalate							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.77	ug/g	113
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.54	ug/g	106

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 110	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	8-158

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : p-Chloroaniline							
Type of Spike : Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.61	ug/g	108
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.51	ug/g	105

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 107	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	59-163

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol							
Type of Spike : Surrogate - Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	6.67	6.72	ug/g	101
10/04/94	LCSD946649	MSMSD141004080401	NA	6.67	5.89	ug/g	88.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 94.5	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	19-122

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol							
Type of Spike : Surrogate - Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	8.08	8.27	ug/g	102
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	8.08	7.57	ug/g	94.0

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 98.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	10-123

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol							
Type of Spike : Surrogate - Method Blank							
10/04/94	BLK944291	MSMSD141004080401	NA	6.67	6.14	ug/g	92.0

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 92.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	10-123

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol							
Type of Spike : Surrogate - Normal Sample							

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2,4,6-Tribromophenol							
Type of Spike : Surrogate - Normal Sample, cont.							
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	8.08	8.05	ug/g	100
10/04/94	G94-PO-SS-02	MSMSD141004080401	NA	7.69	7.60	ug/g	99.0

Number of Samples : 2		Below acceptance :	0
Mean % Recovery : 99.5		Above acceptance :	0
Standard Deviation : NC		Acceptance Criteria	10-123

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorobiphenyl							
Type of Spike : Surrogate - Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.27	ug/g	98.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.26	ug/g	98.0

Number of Samples : 2		Below acceptance :	0
Mean % Recovery : 98.0		Above acceptance :	0
Standard Deviation : NC		Acceptance Criteria	30-115

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorobiphenyl							
Type of Spike : Surrogate - Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	4.04	3.84	ug/g	95.0
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	4.04	4.14	ug/g	102

Number of Samples : 2		Below acceptance :	0
Mean % Recovery : 98.5		Above acceptance :	0
Standard Deviation : NC		Acceptance Criteria	43-116

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270 - Semivolatile Organics Spiked Analyte : 2-Fluorobiphenyl Type of Spike : Surrogate - Method Blank							
10/04/94	BLK944291	MSMSD141004080401	NA	3.33	3.24	ug/g	97.0
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 97.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 43-116				
Method : SW8270 - Semivolatile Organics Spiked Analyte : 2-Fluorobiphenyl Type of Spike : Surrogate - Normal Sample							
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	4.04	4.04	ug/g	100
10/04/94	G94-PO-SS-02	MSMSD141004080401	NA	3.85	3.64	ug/g	95.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 97.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 43-116				
Method : SW8270 - Semivolatile Organics Spiked Analyte : 2-Fluorophenol Type of Spike : Surrogate - Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	6.67	6.73	ug/g	101
10/04/94	LCSD946649	MSMSD141004080401	NA	6.67	6.62	ug/g	99.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 100			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 32-132				
Method : SW8270 - Semivolatile Organics Spiked Analyte : 2-Fluorophenol Type of Spike : Surrogate - Matrix Spike							

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NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorophenol							
Type of Spike : Surrogate - Matrix Spike, cont.							
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	8.08	8.00	ug/g	99.0
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	8.08	7.95	ug/g	98.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 98.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 21-139				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorophenol							
Type of Spike : Surrogate - Method Blank							
10/04/94	BLK944291	MSMSD141004080401	NA	6.67	6.49	ug/g	97.0
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 97.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 21-139				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : 2-Fluorophenol							
Type of Spike : Surrogate - Normal Sample							
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	8.08	7.83	ug/g	97.0
10/04/94	G94-PO-SS-02	MSMSD141004080401	NA	7.69	7.19	ug/g	94.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 95.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 21-139				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene-d5							
Type of Spike : Surrogate - Laboratory Control							

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NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene-d5							
Type of Spike : Surrogate - Laboratory Control, cont.							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.43	ug/g	103
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.36	ug/g	101

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 102	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	23-120

Method : SW8270 - Semivolatile Organics
Spiked Analyte : Nitrobenzene-d5
Type of Spike : Surrogate - Matrix Spike

10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	4.04	4.20	ug/g	104
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	4.04	4.03	ug/g	100

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 102	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	35-114

Method : SW8270 - Semivolatile Organics
Spiked Analyte : Nitrobenzene-d5
Type of Spike : Surrogate - Method Blank

10/04/94	BLK944291	MSMSD141004080401	NA	3.33	3.23	ug/g	97.0

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 97.0	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	35-114

Method : SW8270 - Semivolatile Organics
Spiked Analyte : Nitrobenzene-d5
Type of Spike : Surrogate - Normal Sample

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Nitrobenzene-d5							
Type of Spike : Surrogate - Normal Sample, cont.							
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	4.04	4.08	ug/g	101
10/04/94	G94-PO-SS-02	MSMSD141004080401	NA	3.85	3.65	ug/g	95.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 98.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 35-114				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol-d5							
Type of Spike : Surrogate - Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	6.67	6.99	ug/g	105
10/04/94	LCSD946649	MSMSD141004080401	NA	6.67	6.79	ug/g	102
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 104			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 48-127				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol-d5							
Type of Spike : Surrogate - Matrix Spike							
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	8.08	8.30	ug/g	103
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	8.08	8.18	ug/g	101
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 102			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 4-162				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol-d5							
Type of Spike : Surrogate - Method Blank							
10/04/94	BLK944291	MSMSD141004080401	NA	6.67	6.75	ug/g	101
Number of Samples : 1			Below acceptance : 0				
Mean % Recovery : 101			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 4-162				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Phenol-d5							
Type of Spike : Surrogate - Normal Sample							
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	8.08	8.17	ug/g	101
10/04/94	G94-PO-SS-02	MSMSD141004080401	NA	7.69	7.58	ug/g	99.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 100			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 4-162				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14							
Type of Spike : Surrogate - Laboratory Control							
10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.73	ug/g	112
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.33	ug/g	100
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 106			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 18-137				
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14							
Type of Spike : Surrogate - Matrix Spike							

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14							
Type of Spike : Surrogate - Matrix Spike, cont.							
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	4.04	4.56	ug/g	113
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	4.04	4.51	ug/g	112

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 113	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	33-141

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14							
Type of Spike : Surrogate - Method Blank							
10/04/94	BLK944291	MSMSD141004080401	NA	3.33	3.59	ug/g	108

Number of Samples	: 1	Below acceptance :	0
Mean % Recovery	: 108	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	33-141

Method : SW8270 - Semivolatile Organics							
Spiked Analyte : Terphenyl-d14							
Type of Spike : Surrogate - Normal Sample							
10/04/94	G94-PO-SS-01	MSMSD141004080401	NA	4.04	4.56	ug/g	113
10/04/94	G94-PO-SS-02	MSMSD141004080401	NA	3.85	4.30	ug/g	112

Number of Samples	: 2	Below acceptance :	0
Mean % Recovery	: 113	Above acceptance :	0
Standard Deviation	: NC	Acceptance Criteria	33-141

Method : SW8280 - Dioxins and Furans
Spiked Analyte : 2,3,7,8-TCDD
Type of Spike : Laboratory Control

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : 2,3,7,8-TCDD							
Type of Spike : Laboratory Control, cont.							
10/29/94	LCS946617	MS597141029113401	NA	1.36	1.11	ng/g	82.0
10/29/94	LCSD946617	MS597141029113401	NA	1.36	1.18	ng/g	87.0
10/31/94	LCS947095	MS597141031141101	NA	1.36	1.02	ng/g	75.0
10/31/94	LCSD947095	MS597141031141101	NA	1.36	1.05	ng/g	77.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 80.3			Above acceptance : 0				
Standard Deviation : 5.38			Acceptance Criteria 66-140				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDD							
Type of Spike : Surrogate - Laboratory Control							
10/29/94	LCS946617	MS597141029113401	NA	2.00	0.676	ng/g	34.0
10/29/94	LCSD946617	MS597141029113401	NA	2.00	0.964	ng/g	4[illegible]
10/31/94	LCS947095	MS597141031141101	NA	2.00	1.68	ng/g	84.[illegible]
10/31/94	LCSD947095	MS597141031141101	NA	2.00	1.51	ng/g	76.0
Number of Samples : 4			Below acceptance : 1				
Mean % Recovery : 60.5			Above acceptance : 0				
Standard Deviation : 23.5			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDD							
Type of Spike : Surrogate - Method Blank							
10/29/94	BLK944271	MS597141029113401	NA	2.00	1.17	ng/g	58.0
10/31/94	BLK944485	MS597141031141101	NA	2.00	1.41	ng/g	70.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 64.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 40-120				

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDD							
Type of Spike : Surrogate - Normal Sample							
10/29/94	G94-01-HA-11-01	MS597141029113401	NA	2.17	1.83	ng/g	84.0
10/29/94	G94-01-HA-12-01	MS597141029113401	NA	2.17	1.89	ng/g	87.0
10/29/94	G94-01-HA-12-02	MS597141029113401	NA	2.71	2.39	ng/g	88.0
10/29/94	G94-01-HA-13-01	MS597141029113401	NA	2.26	1.90	ng/g	84.0
10/29/94	G94-01-HA-13-02	MS597141029113401	NA	2.24	1.94	ng/g	87.0
10/31/94	G94-01-HA-11-02	MS597141031141101	NA	2.72	2.50 (X)	ng/g	92.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 87.0			Above acceptance : 0				
Standard Deviation : 2.97			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDF							
Type of Spike : Surrogate - Laboratory Control							
10/29/94	LCS946617	MS597141029113401	NA	2.00	0.873	ng/g	44.0
10/29/94	LCSD946617	MS597141029113401	NA	2.00	1.05	ng/g	52.0
10/31/94	LCS947095	MS597141031141101	NA	2.00	1.68	ng/g	84.0
10/31/94	LCSD947095	MS597141031141101	NA	2.00	1.66	ng/g	83.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 65.8			Above acceptance : 0				
Standard Deviation : 20.8			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDF							
Type of Spike : Surrogate - Method Blank							
10/29/94	BLK944271	MS597141029113401	NA	2.00	1.35	ng/g	67.0
10/31/94	BLK944485	MS597141031141101	NA	2.00	1.43	ng/g	72.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 69.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 40-120				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
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TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDF							
Type of Spike : Surrogate - Normal Sample							
10/29/94	G94-01-HA-11-01	MS597141029113401	NA	2.17	1.79	ng/g	82.0
10/29/94	G94-01-HA-12-01	MS597141029113401	NA	2.17	1.70	ng/g	78.0
10/29/94	G94-01-HA-12-02	MS597141029113401	NA	2.71	2.17	ng/g	80.0
10/29/94	G94-01-HA-13-01	MS597141029113401	NA	2.26	1.80	ng/g	80.0
10/29/94	G94-01-HA-13-02	MS597141029113401	NA	2.24	1.97	ng/g	88.0
10/31/94	G94-01-HA-11-02	MS597141031141101	NA	2.72	2.19 (X)	ng/g	80.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 81.3			Above acceptance : 0				
Standard Deviation : 3.50			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,7,8-HxCDD							
Type of Spike : Surrogate - Laboratory Control							
10/29/94	LCS946617	MS597141029113401	NA	2.00	1.14	ng/g	57
10/29/94	LCSD946617	MS597141029113401	NA	2.00	1.25	ng/g	62.0
10/31/94	LCS947095	MS597141031141101	NA	2.00	1.80	ng/g	90.0
10/31/94	LCSD947095	MS597141031141101	NA	2.00	1.69	ng/g	84.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 73.3			Above acceptance : 0				
Standard Deviation : 16.2			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,7,8-HxCDD							
Type of Spike : Surrogate - Method Blank							
10/29/94	BLK944271	MS597141029113401	NA	2.00	1.51	ng/g	75.0
10/31/94	BLK944485	MS597141031141101	NA	2.00	1.64	ng/g	82.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 78.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 40-120				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,7,8-HxCDD							
Type of Spike : Surrogate - Normal Sample							
10/29/94	G94-01-HA-11-01	MS597141029113401	NA	2.17	2.05	ng/g	94.0
10/29/94	G94-01-HA-12-01	MS597141029113401	NA	2.17	1.98	ng/g	91.0
10/29/94	G94-01-HA-12-02	MS597141029113401	NA	2.71	2.66	ng/g	98.0
10/29/94	G94-01-HA-13-01	MS597141029113401	NA	2.26	2.01	ng/g	89.0
10/29/94	G94-01-HA-13-02	MS597141029113401	NA	2.24	3.25	ng/g	145
10/31/94	G94-01-HA-11-02	MS597141031141101	NA	2.72	2.38 (X)	ng/g	88.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 101			Above acceptance : 1				
Standard Deviation : 21.9			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,7,8-HxCDF							
Type of Spike : Surrogate - Laboratory Control							
10/29/94	LCS946617	MS597141029113401	NA	2.00	1.26	ng/g	63.0
10/29/94	LCSD946617	MS597141029113401	NA	2.00	1.37	ng/g	68.0
10/31/94	LCS947095	MS597141031141101	NA	2.00	1.82	ng/g	91.0
10/31/94	LCSD947095	MS597141031141101	NA	2.00	1.72	ng/g	86.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 77.0			Above acceptance : 0				
Standard Deviation : 13.6			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,7,8-HxCDF							
Type of Spike : Surrogate - Method Blank							
10/29/94	BLK944271	MS597141029113401	NA	2.00	1.55	ng/g	78.0
10/31/94	BLK944485	MS597141031141101	NA	2.00	1.62	ng/g	81.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 79.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 40-120				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified
NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,4,7,8-HxCDF							
Type of Spike : Surrogate - Normal Sample							
10/29/94	G94-01-HA-11-01	MS597141029113401	NA	2.17	2.08	ng/g	96.0
10/29/94	G94-01-HA-12-01	MS597141029113401	NA	2.17	2.19	ng/g	101
10/29/94	G94-01-HA-12-02	MS597141029113401	NA	2.71	2.71	ng/g	100
10/29/94	G94-01-HA-13-01	MS597141029113401	NA	2.26	2.24	ng/g	99.0
10/29/94	G94-01-HA-13-02	MS597141029113401	NA	2.24	2.15	ng/g	96.0
10/31/94	G94-01-HA-11-02	MS597141031141101	NA	2.72	2.45 (X)	ng/g	90.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 97.0			Above acceptance : 0				
Standard Deviation : 4.00			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,7,8-PeCDD							
Type of Spike : Surrogate - Laboratory Control							
10/29/94	LCS946617	MS597141029113401	NA	2.00	1.23	ng/g	62
10/29/94	LCSD946617	MS597141029113401	NA	2.00	1.26	ng/g	63.0
10/31/94	LCS947095	MS597141031141101	NA	2.00	1.63	ng/g	81.0
10/31/94	LCSD947095	MS597141031141101	NA	2.00	1.43	ng/g	72.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 69.5			Above acceptance : 0				
Standard Deviation : 8.89			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,7,8-PeCDD							
Type of Spike : Surrogate - Method Blank							
10/29/94	BLK944271	MS597141029113401	NA	2.00	1.50	ng/g	75.0
10/31/94	BLK944485	MS597141031141101	NA	2.00	1.37	ng/g	69.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 72.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 40-120				

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TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,7,8-PeCDD							
Type of Spike : Surrogate - Normal Sample							
10/29/94	G94-01-HA-11-01	MS597141029113401	NA	2.17	2.11	ng/g	97.0
10/29/94	G94-01-HA-12-01	MS597141029113401	NA	2.17	2.05	ng/g	95.0
10/29/94	G94-01-HA-12-02	MS597141029113401	NA	2.71	2.66	ng/g	98.0
10/29/94	G94-01-HA-13-01	MS597141029113401	NA	2.26	1.97	ng/g	87.0
10/29/94	G94-01-HA-13-02	MS597141029113401	NA	2.24	1.97	ng/g	88.0
10/31/94	G94-01-HA-11-02	MS597141031141101	NA	2.72	2.17 (X)	ng/g	80.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 90.8			Above acceptance : 0				
Standard Deviation : 7.03			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,7,8-PeCDF							
Type of Spike : Surrogate - Laboratory Control							
10/29/94	LCS946617	MS597141029113401	NA	2.00	1.45	ng/g	72.0
10/29/94	LCSD946617	MS597141029113401	NA	2.00	1.48	ng/g	74.0
10/31/94	LCS947095	MS597141031141101	NA	2.00	2.22	ng/g	111
10/31/94	LCSD947095	MS597141031141101	NA	2.00	1.80	ng/g	90.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 86.8			Above acceptance : 0				
Standard Deviation : 18.1			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,7,8-PeCDF							
Type of Spike : Surrogate - Method Blank							
10/29/94	BLK944271	MS597141029113401	NA	2.00	1.81	ng/g	90.0
10/31/94	BLK944485	MS597141031141101	NA	2.00	1.83	ng/g	92.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 91.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 40-120				

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TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-1,2,3,7,8-PeCDF							
Type of Spike : Surrogate - Normal Sample							
10/29/94	G94-01-HA-11-01	MS597141029113401	NA	2.17	2.22	ng/g	103
10/29/94	G94-01-HA-12-01	MS597141029113401	NA	2.17	2.28	ng/g	105
10/29/94	G94-01-HA-12-02	MS597141029113401	NA	2.71	2.79	ng/g	103
10/29/94	G94-01-HA-13-01	MS597141029113401	NA	2.26	2.20	ng/g	98.0
10/29/94	G94-01-HA-13-02	MS597141029113401	NA	2.24	2.33	ng/g	104
10/31/94	G94-01-HA-11-02	MS597141031141101	NA	2.72	2.65 (X)	ng/g	98.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 102			Above acceptance : 0				
Standard Deviation : 3.06			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-2,3,7,8-TCDD							
Type of Spike : Surrogate - Laboratory Control							
10/29/94	LCS946617	MS597141029113401	NA	2.00	1.56	ng/g	78.0
10/29/94	LCSD946617	MS597141029113401	NA	2.00	1.36	ng/g	68.0
10/31/94	LCS947095	MS597141031141101	NA	2.00	1.87	ng/g	93.0
10/31/94	LCSD947095	MS597141031141101	NA	2.00	1.64	ng/g	82.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 80.3			Above acceptance : 0				
Standard Deviation : 10.3			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-2,3,7,8-TCDD							
Type of Spike : Surrogate - Method Blank							
10/29/94	BLK944271	MS597141029113401	NA	2.00	1.56	ng/g	78.0
10/31/94	BLK944485	MS597141031141101	NA	2.00	1.52	ng/g	76.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 77.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 40-120				

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TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-2,3,7,8-TCDD							
Type of Spike : Surrogate - Normal Sample							
10/29/94	G94-01-HA-11-01	MS597141029113401	NA	2.17	2.19	ng/g	101
10/29/94	G94-01-HA-12-01	MS597141029113401	NA	2.17	2.25	ng/g	104
10/29/94	G94-01-HA-12-02	MS597141029113401	NA	2.71	2.84	ng/g	105
10/29/94	G94-01-HA-13-01	MS597141029113401	NA	2.26	2.01	ng/g	89.0
10/29/94	G94-01-HA-13-02	MS597141029113401	NA	2.24	2.10	ng/g	94.0
10/31/94	G94-01-HA-11-02	MS597141031141101	NA	2.72	2.58 (X)	ng/g	95.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 98.0			Above acceptance : 0				
Standard Deviation : 6.32			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-2,3,7,8-TCDF							
Type of Spike : Surrogate - Laboratory Control							
10/29/94	LCS946617	MS597141029113401	NA	2.00	1.50	ng/g	75.0
10/29/94	LCSD946617	MS597141029113401	NA	2.00	1.43	ng/g	72.0
10/31/94	LCS947095	MS597141031141101	NA	2.00	1.94	ng/g	97.0
10/31/94	LCSD947095	MS597141031141101	NA	2.00	1.73	ng/g	87.0
Number of Samples : 4			Below acceptance : 0				
Mean % Recovery : 82.8			Above acceptance : 0				
Standard Deviation : 11.5			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-2,3,7,8-TCDF							
Type of Spike : Surrogate - Method Blank							
10/29/94	BLK944271	MS597141029113401	NA	2.00	1.59	ng/g	79.0
10/31/94	BLK944485	MS597141031141101	NA	2.00	1.62	ng/g	81.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 80.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 40-120				

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TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-2,3,7,8-TCDF							
Type of Spike : Surrogate - Normal Sample							
10/29/94	G94-01-HA-11-01	MS597141029113401	NA	2.17	2.17	ng/g	100
10/29/94	G94-01-HA-12-01	MS597141029113401	NA	2.17	2.29	ng/g	106
10/29/94	G94-01-HA-12-02	MS597141029113401	NA	2.71	2.82	ng/g	104
10/29/94	G94-01-HA-13-01	MS597141029113401	NA	2.26	2.17	ng/g	96.0
10/29/94	G94-01-HA-13-02	MS597141029113401	NA	2.24	2.17	ng/g	97.0
10/31/94	G94-01-HA-11-02	MS597141031141101	NA	2.72	2.58 (X)	ng/g	95.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 99.7			Above acceptance : 0				
Standard Deviation : 4.50			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-OCDD							
Type of Spike : Surrogate - Laboratory Control							
10/29/94	LCS946617	MS597141029113401	NA	2.00	0.289	ng/g	14.
10/29/94	LCSD946617	MS597141029113401	NA	2.00	0.498	ng/g	25.0
10/31/94	LCS947095	MS597141031141101	NA	2.00	1.29	ng/g	64.0
10/31/94	LCSD947095	MS597141031141101	NA	2.00	1.35	ng/g	68.0
Number of Samples : 4			Below acceptance : 2				
Mean % Recovery : 42.8			Above acceptance : 0				
Standard Deviation : 27.3			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-OCDD							
Type of Spike : Surrogate - Method Blank							
10/29/94	BLK944271	MS597141029113401	NA	2.00	0.741	ng/g	37.0
10/31/94	BLK944485	MS597141031141101	NA	2.00	1.21	ng/g	60.0
Number of Samples : 2			Below acceptance : 1				
Mean % Recovery : 48.5			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 40-120				

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TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-OCDD							
Type of Spike : Surrogate - Normal Sample							
10/29/94	G94-01-HA-11-01	MS597141029113401	NA	2.17	1.79	ng/g	82.0
10/29/94	G94-01-HA-12-01	MS597141029113401	NA	2.17	1.54	ng/g	71.0
10/29/94	G94-01-HA-12-02	MS597141029113401	NA	2.71	1.95	ng/g	72.0
10/29/94	G94-01-HA-13-01	MS597141029113401	NA	2.26	1.59	ng/g	70.0
10/29/94	G94-01-HA-13-02	MS597141029113401	NA	2.24	1.57	ng/g	70.0
10/31/94	G94-01-HA-11-02	MS597141031141101	NA	2.72	1.93 (X)	ng/g	71.0
Number of Samples : 6			Below acceptance : 0				
Mean % Recovery : 72.7			Above acceptance : 0				
Standard Deviation : 4.63			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-OCDF							
Type of Spike : Surrogate - Laboratory Control							
10/29/94	LCS946617	MS597141029113401	NA	2.00	0.442	ng/g	22.0
10/29/94	LCSD946617	MS597141029113401	NA	2.00	0.819	ng/g	41.0
10/31/94	LCS947095	MS597141031141101	NA	2.00	1.83	ng/g	92.0
10/31/94	LCSD947095	MS597141031141101	NA	2.00	1.63	ng/g	81.0
Number of Samples : 4			Below acceptance : 1				
Mean % Recovery : 59.0			Above acceptance : 0				
Standard Deviation : 33.0			Acceptance Criteria 40-120				
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-OCDF							
Type of Spike : Surrogate - Method Blank							
10/29/94	BLK944271	MS597141029113401	NA	2.00	1.04	ng/g	52.0
10/31/94	BLK944485	MS597141031141101	NA	2.00	1.52	ng/g	76.0
Number of Samples : 2			Below acceptance : 0				
Mean % Recovery : 64.0			Above acceptance : 0				
Standard Deviation : NC			Acceptance Criteria 40-120				

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NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8280 - Dioxins and Furans							
Spiked Analyte : C13-OCDF							
Type of Spike : Surrogate - Normal Sample							
10/29/94	G94-01-HA-11-01	MS597141029113401	NA	2.17	2.09	ng/g	97.0
10/29/94	G94-01-HA-12-01	MS597141029113401	NA	2.17	2.13	ng/g	98.0
10/29/94	G94-01-HA-12-02	MS597141029113401	NA	2.71	2.14	ng/g	79.0
10/29/94	G94-01-HA-13-01	MS597141029113401	NA	2.26	1.84	ng/g	82.0
10/29/94	G94-01-HA-13-02	MS597141029113401	NA	2.24	2.16	ng/g	96.0
10/31/94	G94-01-HA-11-02	MS597141031141101	NA	2.72	2.33 (X)	ng/g	86.0

Number of Samples	: 6	Below acceptance :	0
Mean % Recovery	: 89.7	Above acceptance :	0
Standard Deviation	: 8.36	Acceptance Criteria	40-120

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ATTACHMENT C - APPENDIX B

Table A-3.1

Detailed Listing of Liquid Duplicate Results - 1994 Water Samples

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = A403 - Alkalinity							
Type of Duplicate : Field Duplicate							
Alkalinity	G94-01-MW-01	G94-01-MW-01-FD	611	611	611	0.00	0.00
Alkalinity	G94-05-MW-02	G94-05-MW-02-FD	402	402	402	0.00	0.00
Alkalinity	G94-06-MW-03	G94-06-MW-03-FD	646	646	646	0.00	0.00
Alkalinity	G94-09-MW-05	G94-09-MW-05-FD	443	443	443	0.00	0.00
Alkalinity	G94-13-MW-37	G94-13-MW-37-FD	508	508	508	0.00	0.00
Method = AK101 - Gasoline Range Organics							
Type of Duplicate : Field Duplicate							
Gasoline Range Organics	G94-01-MW-01	G94-01-MW-01-FD	380	370	375	7.07	2.67
Gasoline Range Organics	G94-05-MW-02	G94-05-MW-02-FD	< 50.0 (JB)	< 50.0 (JB)	NC	NC	NC
Gasoline Range Organics	G94-06-MW-03	G94-06-MW-03-FD	< 50.0 (J)	< 50.0 (JB)	NC	NC	NC
Gasoline Range Organics	G94-09-MW-05	G94-09-MW-05-FD	< 50.0 (J)	< 50.0 (J)	NC	NC	NC
Gasoline Range Organics	G94-13-MW-37	G94-13-MW-37-FD	< 50.0 (J)	< 50.0 (JB)	NC	NC	NC
Method = AK101 - Gasoline Range Organics							
Type of Duplicate : Laboratory Control Duplicate							
Gasoline Range Organics	Lab Control Sample	Lab Control Duplicate	98.0	100	99.0	1.41	2.02
Gasoline Range Organics	Lab Control Sample	Lab Control Duplicate	116	96.0	106	14.1	18.9
Gasoline Range Organics	Lab Control Sample	Lab Control Duplicate	98.0	111	105	9.19	12.4
Gasoline Range Organics	Lab Control Sample	Lab Control Duplicate	98.0	100	99.0	1.41	2.02
Gasoline Range Organics	Lab Control Sample	Lab Control Duplicate	98.0	111	105	9.19	12.4
Gasoline Range Organics	Lab Control Sample	Lab Control Duplicate	98.0	111	105	9.19	12.4
Gasoline Range Organics	Lab Control Sample	Lab Control Duplicate	87.0	81.0	84.0	4.24	7.14

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NC = Not Calculable () = Data Flag

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID		Value		Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = AK101 - Gasoline Range Organics									
Type of Duplicate : Matrix Spike Duplicate									
Gasoline Range Organics	G94-01-MW-05	G94-01-MW-05		99.0		103	101	2.83	3.96
Gasoline Range Organics	G94-06-MW-02	G94-06-MW-02		108		103	106	3.54	4.74
Gasoline Range Organics	G94-06-MW-03	G94-06-MW-03		116		109	113	4.95	6.22
Gasoline Range Organics	G94-13-MW-37	G94-13-MW-37		90.0		85.0	87.5	3.54	5.71
Method = AK102 - Diesel Range Organics									
Type of Duplicate : Field Duplicate									
Diesel Range Organics	G94-01-MW-01	G94-01-MW-01-FD		170	<	100 (J)	NC	NC	NC
Diesel Range Organics	G94-05-MW-02	G94-05-MW-02-FD	<	100 (J)	<	100 (J)	NC	NC	NC
Diesel Range Organics	G94-06-MW-03	G94-06-MW-03-FD	<	100 (J)	<	100 (JB)	NC	NC	NC
Diesel Range Organics	G94-09-MW-05	G94-09-MW-05-FD	<	100 (JB)	<	100 (JB)	NC	NC	NC
Diesel Range Organics	G94-13-MW-37	G94-13-MW-37-FD	<	100 (J)	<	100 (JB)	NC	NC	NC
Method = AK102 - Diesel Range Organics									
Type of Duplicate : Laboratory Control Duplicate									
Diesel Range Organics	Lab Control Sample	Lab Control Duplicate		76.0		69.0	72.5	4.95	9.66
Diesel Range Organics	Lab Control Sample	Lab Control Duplicate		122		88.0	105	24.0	32.4
Diesel Range Organics	Lab Control Sample	Lab Control Duplicate		76.0		69.0	72.5	4.95	9.66
Diesel Range Organics	Lab Control Sample	Lab Control Duplicate		52.0		53.0	52.5	0.707	1.90
Diesel Range Organics	Lab Control Sample	Lab Control Duplicate		57.0		54.0	55.5	2.12	5.41
Diesel Range Organics	Lab Control Sample	Lab Control Duplicate		54.0		57.0	55.5	2.12	5.41
Diesel Range Organics	Lab Control Sample	Lab Control Duplicate		66.0		68.0	67.0	1.41	2.99

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = AK102 - Diesel Range Organics							
Type of Duplicate : Matrix Spike Duplicate							
Diesel Range Organics	G94-01-MW-05	G94-01-MW-05	66.0	68.0	67.0	1.41	2.99
Diesel Range Organics	G94-06-MW-02	G94-06-MW-02	64.0	68.0	66.0	2.83	6.06
Diesel Range Organics	G94-06-MW-03	G94-06-MW-03	52.0	53.0	52.5	0.707	1.90
Diesel Range Organics	G94-13-MW-37	G94-13-MW-37	122	88.0	105	24.0	32.4
Method = E170.1 - Temperature							
Type of Duplicate : Field Duplicate							
Temperature	G94-01-MW-01	G94-01-MW-01-FD	4.00	4.00	4.00	0.00	0.00
Temperature	G94-05-MW-02	G94-05-MW-02-FD	2.00	2.00	2.00	0.00	0.00
Temperature	G94-06-MW-03	G94-06-MW-03-FD	4.00	4.00	4.00	0.00	0.00
Temperature	G94-09-MW-05	G94-09-MW-05-FD	3.00	3.00	3.00	0.00	0.00
Temperature	G94-13-MW-37	G94-13-MW-37-FD	3.00	3.00	3.00	0.00	0.00
Method = SW6010 - Metals							
Type of Duplicate : Field Duplicate							
Aluminum	G94-13-MW-37	G94-13-MW-37-FD	< 0.0523 (JB)	< 0.0523 (JB)	NC	NC	NC
Antimony	G94-13-MW-37	G94-13-MW-37-FD	< 0.0760 (JB)	< 0.0760 (JB)	NC	NC	NC
Arsenic	G94-13-MW-37	G94-13-MW-37-FD	< 0.0468 (JB)	< 0.0468 (JB)	NC	NC	NC
Barium	G94-13-MW-37	G94-13-MW-37-FD	0.165	0.169	0.165	0.0366	2.42
Beryllium	G94-13-MW-37	G94-13-MW-37-FD	< 0.000510 (JB)	< 0.000510 (JB)	NC	NC	NC
Cadmium	G94-13-MW-37	G94-13-MW-37-FD	< 0.00386 (JB)	< 0.00386 (JB)	NC	NC	NC
Calcium	G94-13-MW-37	G94-13-MW-37-FD	164	169	167	3.54	3.00
Chromium	G94-13-MW-37	G94-13-MW-37-FD	< 0.00524 (JB)	< 0.00524 (JB)	NC	NC	NC

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NC = Not Calculable () = Data Flag

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals							
Type of Duplicate : Field Duplicate, cont.							
Cobalt	G94-13-MW-37	G94-13-MW-37-FD	< 0.00407 (JB)	< 0.00407 (JB)	NC	NC	NC
Copper	G94-13-MW-37	G94-13-MW-37-FD	< 0.00916 (JB)	< 0.00916 (JB)	NC	NC	NC
Iron	G94-13-MW-37	G94-13-MW-37-FD	< 0.00452 (JB)	< 0.00452 (JB)	NC	NC	NC
Lead	G94-13-MW-37	G94-13-MW-37-FD	< 0.0216 (JB)	< 0.0216 (JB)	NC	NC	NC
Magnesium	G94-13-MW-37	G94-13-MW-37-FD	31.9	32.5	32.2	0.424	1.86
Manganese	G94-13-MW-37	G94-13-MW-37-FD	< 0.00155 (JB)	< 0.00155 (JB)	NC	NC	NC
Molybdenum	G94-13-MW-37	G94-13-MW-37-FD	< 0.00739 (JB)	< 0.00739 (JB)	NC	NC	NC
Nickel	G94-13-MW-37	G94-13-MW-37-FD	< 0.0141 (JB)	0.0176 (B)	NC	NC	NC
Potassium	G94-13-MW-37	G94-13-MW-37-FD	5.16	5.54	5.35	0.269	7.10
Selenium	G94-13-MW-37	G94-13-MW-37-FD	< 0.0891 (JB)	< 0.0891 (JB)	NC	NC	NC
Silver	G94-13-MW-37	G94-13-MW-37-FD	< 0.00519 (JB)	< 0.00519 (JB)	NC	NC	NC
Sodium	G94-13-MW-37	G94-13-MW-37-FD	5.40	5.48	5.44	0.0566	1.47
Thallium	G94-13-MW-37	G94-13-MW-37-FD	<. 0.0833 (JB)	< 0.0833 (JB)	NC	NC	NC
Vanadium	G94-13-MW-37	G94-13-MW-37-FD	< 0.00454 (JB)	0.00507 (B)	NC	NC	NC
Zinc	G94-13-MW-37	G94-13-MW-37-FD	0.00936 (B)	0.00929 (B)	0.00500	0.0111	1.40
Method = SW6010 - Metals							
Type of Duplicate : Laboratory Control Duplicate							
Aluminum	LCS946378	LCSD946378	98.0	97.0	97.5	0.707	1.03
Aluminum	LCS946396	LCSD946396	97.0	95.0	96.0	1.41	2.08
Aluminum	LCS946557	LCSD946557	94.0	94.0	94.0	0.00	0.00
Aluminum	LCS946725	LCSD946725	98.0	98.0	98.0	0.00	0.00
Aluminum	LCS946909	LCSD946909	100	100	100	0.00	0.00
Antimony	LCS946378	LCSD946378	106	109	108	2.12	2.79
Antimony	LCS946396	LCSD946396	105	100	103	3.54	4.88

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Antimony	LCS946557	LCSD946557	88.0	90.0	89.0	1.41	2.25
Antimony	LCS946725	LCSD946725	102	97.0	99.5	3.54	5.03
Antimony	LCS946909	LCSD946909	97.0	98.0	97.5	0.707	1.03
Arsenic	LCS946378	LCSD946378	94.0	98.0	96.0	2.83	4.17
Arsenic	LCS946396	LCSD946396	98.0	93.0	95.5	3.54	5.24
Arsenic	LCS946513	LCSD946513	95.0	96.0	95.5	0.707	1.05
Arsenic	LCS946557	LCSD946557	87.0	91.0	89.0	2.83	4.49
Arsenic	LCS946725	LCSD946725	100	95.0	97.5	3.54	5.13
Arsenic	LCS946909	LCSD946909	96.0	98.0	97.0	1.41	2.06
Barium	LCS946378	LCSD946378	98.0	97.0	97.5	0.707	1.03
Barium	LCS946396	LCSD946396	96.0	94.0	95.0	1.41	2.11
Barium	LCS946513	LCSD946513	97.0	98.0	97.5	0.707	1.03
Barium	LCS946557	LCSD946557	95.0	95.0	95.0	0.00	0.00
Barium	LCS946725	LCSD946725	99.0	101	100	1.41	2.00
Barium	LCS946909	LCSD946909	98.0	98.0	98.0	0.00	0.00
Beryllium	LCS946378	LCSD946378	106	106	106	0.00	0.00
Beryllium	LCS946396	LCSD946396	107	105	106	1.41	1.89
Beryllium	LCS946557	LCSD946557	100	100	100	0.00	0.00
Beryllium	LCS946725	LCSD946725	107	109	108	1.41	1.85
Beryllium	LCS946909	LCSD946909	101	101	101	0.00	0.00
Cadmium	LCS946378	LCSD946378	93.0	94.0	93.5	0.707	1.07
Cadmium	LCS946396	LCSD946396	97.0	95.0	96.0	1.41	2.08
Cadmium	LCS946513	LCSD946513	96.0	97.0	96.5	0.707	1.04
Cadmium	LCS946557	LCSD946557	86.0	87.0	86.5	0.707	1.16
Cadmium	LCS946725	LCSD946725	93.0	96.0	94.5	2.12	3.17
Cadmium	LCS946909	LCSD946909	93.0	93.0	93.0	0.00	0.00
Calcium	LCS946378	LCSD946378	98.0	100	99.0	1.41	2.02

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Calcium	LCS946396	LCSD946396	101	100	101	0.707	0.995
Calcium	LCS946557	LCSD946557	96.0	97.0	96.5	0.707	1.04
Calcium	LCS946725	LCSD946725	103	103	103	0.00	0.00
Calcium	LCS946909	LCSD946909	103	103	103	0.00	0.00
Chromium	LCS946378	LCSD946378	97.0	98.0	97.5	0.707	1.03
Chromium	LCS946396	LCSD946396	99.0	98.0	98.5	0.707	1.02
Chromium	LCS946513	LCSD946513	99.0	100	99.5	0.707	1.01
Chromium	LCS946557	LCSD946557	88.0	89.0	88.5	0.707	1.13
Chromium	LCS946725	LCSD946725	95.0	97.0	96.0	1.41	2.08
Chromium	LCS946909	LCSD946909	96.0	96.0	96.0	0.00	0.00
Cobalt	LCS946378	LCSD946378	96.0	97.0	96.5	0.707	1.04
Cobalt	LCS946396	LCSD946396	98.0	98.0	98.0	0.00	0.00
Cobalt	LCS946557	LCSD946557	89.0	90.0	89.5	0.707	1.12
Cobalt	LCS946725	LCSD946725	95.0	97.0	96.0	1.41	2.08
Cobalt	LCS946909	LCSD946909	95.0	95.0	95.0	0.00	0.00
Copper	LCS946378	LCSD946378	98.0	97.0	97.5	0.707	1.03
Copper	LCS946396	LCSD946396	97.0	95.0	96.0	1.41	2.08
Copper	LCS946557	LCSD946557	94.0	94.0	94.0	0.00	0.00
Copper	LCS946725	LCSD946725	98.0	100	99.0	1.41	2.02
Copper	LCS946909	LCSD946909	97.0	96.0	96.5	0.707	1.04
Iron	LCS946378	LCSD946378	101	101	101	0.00	0.00
Iron	LCS946396	LCSD946396	102	100	101	1.41	1.98
Iron	LCS946557	LCSD946557	92.0	92.0	92.0	0.00	0.00
Iron	LCS946725	LCSD946725	98.0	98.0	98.0	0.00	0.00
Iron	LCS946909	LCSD946909	98.0	97.0	97.5	0.707	1.03
Lead	LCS946378	LCSD946378	93.0	94.0	93.5	0.707	1.07
Lead	LCS946396	LCSD946396	99.0	94.0	96.5	3.54	5.18

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Lead	LCS946513	LCSD946513	99.0	97.0	98.0	1.41	2.04
Lead	LCS946557	LCSD946557	87.0	89.0	88.0	1.41	2.27
Lead	LCS946725	LCSD946725	93.0	93.0	93.0	0.00	0.00
Lead	LCS946909	LCSD946909	94.0	93.0	93.5	0.707	1.07
Magnesium	LCS946378	LCSD946378	99.0	99.0	99.0	0.00	0.00
Magnesium	LCS946396	LCSD946396	99.0	97.0	98.0	1.41	2.04
Magnesium	LCS946557	LCSD946557	96.0	96.0	96.0	0.00	0.00
Magnesium	LCS946725	LCSD946725	101	100	101	0.707	0.995
Magnesium	LCS946909	LCSD946909	99.0	99.0	99.0	0.00	0.00
Manganese	LCS946378	LCSD946378	97.0	97.0	97.0	0.00	0.00
Manganese	LCS946396	LCSD946396	99.0	97.0	98.0	1.41	2.04
Manganese	LCS946557	LCSD946557	89.0	90.0	89.5	0.707	1.12
Manganese	LCS946725	LCSD946725	95.0	96.0	95.5	0.707	1.05
Manganese	LCS946909	LCSD946909	96.0	96.0	96.0	0.00	0.00
Molybdenum	LCS946378	LCSD946378	104	102	103	1.41	1.94
Molybdenum	LCS946396	LCSD946396	104	102	103	1.41	1.94
Molybdenum	LCS946557	LCSD946557	94.0	95.0	94.5	0.707	1.06
Molybdenum	LCS946725	LCSD946725	101	98.0	99.5	2.12	3.02
Molybdenum	LCS946909	LCSD946909	100	100	100	0.00	0.00
Nickel	LCS946378	LCSD946378	98.0	94.0	96.0	2.83	4.17
Nickel	LCS946396	LCSD946396	100	97.0	98.5	2.12	3.05
Nickel	LCS946557	LCSD946557	91.0	90.0	90.5	0.707	1.10
Nickel	LCS946725	LCSD946725	99.0	102	101	2.12	2.99
Nickel	LCS946909	LCSD946909	94.0	97.0	95.5	2.12	3.14
Potassium	LCS946378	LCSD946378	98.0	97.0	97.5	0.707	1.03
Potassium	LCS946396	LCSD946396	98.0	95.0	96.5	2.12	3.11
Potassium	LCS946557	LCSD946557	97.0	97.0	97.0	0.00	0.00

Compiled: 22 March 1995

NC = Not Calculable () = Data Flag

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Potassium	LCS946725	LCSD946725	99.0	99.0	99.0	0.00	0.00
Potassium	LCS946909	LCSD946909	96.0	98.0	97.0	1.41	2.06
Selenium	LCS946378	LCSD946378	103	96.0	99.5	4.95	7.04
Selenium	LCS946396	LCSD946396	92.0	109	101	12.0	16.9
Selenium	LCS946557	LCSD946557	86.0	95.0	90.5	6.36	9.94
Selenium	LCS946725	LCSD946725	98.0	93.0	95.5	3.54	5.24
Selenium	LCS946909	LCSD946909	98.0	88.0	93.0	7.07	10.8
Silver	LCS946378	LCSD946378	92.0	93.0	92.5	0.707	1.08
Silver	LCS946396	LCSD946396	94.0	93.0	93.5	0.707	1.07
Silver	LCS946513	LCSD946513	93.0	93.0	93.0	0.00	0.00
Silver	LCS946557	LCSD946557	86.0	87.0	86.5	0.707	1.16
Silver	LCS946725	LCSD946725	73.0	75.0	74.0	1.41	2.70
Silver	LCS946909	LCSD946909	92.0	92.0	92.0	0.00	0.00
Sodium	LCS946378	LCSD946378	98.0	95.0	96.5	2.12	3.11
Sodium	LCS946396	LCSD946396	97.0	95.0	96.0	1.41	2.08
Sodium	LCS946557	LCSD946557	96.0	97.0	96.5	0.707	1.04
Sodium	LCS946725	LCSD946725	98.0	99.0	98.5	0.707	1.02
Sodium	LCS946909	LCSD946909	99.0	99.0	99.0	0.00	0.00
Thallium	LCS946378	LCSD946378	92.0	89.0	90.5	2.12	3.31
Thallium	LCS946396	LCSD946396	90.0	94.0	92.0	2.83	4.35
Thallium	LCS946557	LCSD946557	89.0	83.0	86.0	4.24	6.98
Thallium	LCS946725	LCSD946725	93.0	94.0	93.5	0.707	1.07
Thallium	LCS946909	LCSD946909	92.0	96.0	94.0	2.83	4.26
Vanadium	LCS946378	LCSD946378	99.0	99.0	99.0	0.00	0.00
Vanadium	LCS946396	LCSD946396	100	98.0	99.0	1.41	2.02
Vanadium	LCS946557	LCSD946557	91.0	92.0	91.5	0.707	1.09
Vanadium	LCS946725	LCSD946725	96.0	98.0	97.0	1.41	2.06

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Vanadium	LCS946909	LCSD946909	97.0	97.0	97.0	0.00	0.00
Zinc	LCS946378	LCSD946378	97.0	99.0	98.0	1.41	2.04
Zinc	LCS946396	LCSD946396	101	99.0	100	1.41	2.00
Zinc	LCS946557	LCSD946557	87.0	88.0	87.5	0.707	1.14
Zinc	LCS946725	LCSD946725	96.0	99.0	97.5	2.12	3.08
Zinc	LCS946909	LCSD946909	96.0	96.0	96.0	0.00	0.00
Method = SW6010 - Metals							
Type of Duplicate : Matrix Spike Duplicate							
Aluminum	G94-04-MW-03-02	G94-04-MW-03-02	99.0	100	99.5	0.707	1.01
Aluminum	G94-06-MW-05D	G94-06-MW-05D	98.0	98.0	98.0	0.00	0.00
Aluminum	G94-13-MW-37	G94-13-MW-37	96.0	96.0	96.0	0.00	0.00
Antimony	G94-04-MW-03-02	G94-04-MW-03-02	98.0	90.0	94.0	5.66	8.51
Antimony	G94-06-MW-05D	G94-06-MW-05D	104	94.0	99.0	7.07	10.1
Antimony	G94-13-MW-37	G94-13-MW-37	87.0	93.0	90.0	4.24	6.67
Arsenic	G94-04-MW-03-02	G94-04-MW-03-02	95.0	93.0	94.0	1.41	2.13
Arsenic	G94-06-MW-05D	G94-06-MW-05D	96.0	97.0	96.5	0.707	1.04
Arsenic	G94-13-MW-37	G94-13-MW-37	90.0	89.0	89.5	0.707	1.12
Barium	G94-04-MW-03-02	G94-04-MW-03-02	97.0	96.0	96.5	0.707	1.04
Barium	G94-06-MW-05D	G94-06-MW-05D	96.0	95.0	95.5	0.707	1.05
Barium	G94-13-MW-37	G94-13-MW-37	93.0	94.0	93.5	0.707	1.07
Beryllium	G94-04-MW-03-02	G94-04-MW-03-02	100	100	100	0.00	0.00
Beryllium	G94-06-MW-05D	G94-06-MW-05D	107	107	107	0.00	0.00
Beryllium	G94-13-MW-37	G94-13-MW-37	104	104	104	0.00	0.00
Cadmium	G94-04-MW-03-02	G94-04-MW-03-02	89.0	88.0	88.5	0.707	1.13

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals							
Type of Duplicate : Matrix Spike Duplicate , cont.							
Cadmium	G94-06-MW-05D	G94-06-MW-05D	93.0	93.0	93.0	0.00	0.00
Cadmium	G94-13-MW-37	G94-13-MW-37	85.0	87.0	86.0	1.41	2.33
Calcium	G94-04-MW-03-02	G94-04-MW-03-02	155	86.0	121	48.8	57.3
Calcium	G94-06-MW-05D	G94-06-MW-05D	118	83.0	101	24.7	34.8
Calcium	G94-13-MW-37	G94-13-MW-37	148	129	139	13.4	13.7
Chromium	G94-04-MW-03-02	G94-04-MW-03-02	92.0	90.0	91.0	1.41	2.20
Chromium	G94-06-MW-05D	G94-06-MW-05D	93.0	94.0	93.5	0.707	1.07
Chromium	G94-13-MW-37	G94-13-MW-37	87.0	87.0	87.0	0.00	0.00
Cobalt	G94-04-MW-03-02	G94-04-MW-03-02	90.0	89.0	89.5	0.707	1.12
Cobalt	G94-06-MW-05D	G94-06-MW-05D	94.0	96.0	95.0	1.41	2.11
Cobalt	G94-13-MW-37	G94-13-MW-37	88.0	88.0	88.0	0.00	0.00
Copper	G94-04-MW-03-02	G94-04-MW-03-02	95.0	94.0	94.5	0.707	1.06
Copper	G94-06-MW-05D	G94-06-MW-05D	96.0	96.0	96.0	0.00	0.00
Copper	G94-13-MW-37	G94-13-MW-37	93.0	93.0	93.0	0.00	0.00
Iron	G94-04-MW-03-02	G94-04-MW-03-02	92.0	92.0	92.0	0.00	0.00
Iron	G94-06-MW-05D	G94-06-MW-05D	98.0	99.0	98.5	0.707	1.02
Iron	G94-13-MW-37	G94-13-MW-37	91.0	91.0	91.0	0.00	0.00
Lead	G94-04-MW-03-02	G94-04-MW-03-02	86.0	88.0	87.0	1.41	2.30
Lead	G94-06-MW-05D	G94-06-MW-05D	97.0	93.0	95.0	2.83	4.21
Lead	G94-13-MW-37	G94-13-MW-37	86.0	85.0	85.5	0.707	1.17
Magnesium	G94-04-MW-03-02	G94-04-MW-03-02	101	90.0	95.5	7.78	11.5
Magnesium	G94-06-MW-05D	G94-06-MW-05D	102	98.0	100	2.83	4.00
Magnesium	G94-13-MW-37	G94-13-MW-37	104	102	103	1.41	1.94
Manganese	G94-04-MW-03-02	G94-04-MW-03-02	124	84.0	104	28.3	38.5
Manganese	G94-06-MW-05D	G94-06-MW-05D	96.0	93.0	94.5	2.12	3.17
Manganese	G94-13-MW-37	G94-13-MW-37	88.0	88.0	88.0	0.00	0.00
Molybdenum	G94-04-MW-03-02	G94-04-MW-03-02	94.0	95.0	94.5	0.707	1.06

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals							
Type of Duplicate : Matrix Spike Duplicate , cont.							
Molybdenum	G94-06-MW-05D	G94-06-MW-05D	102	100	101	1.41	1.98
Molybdenum	G94-13-MW-37	G94-13-MW-37	95.0	92.0	93.5	2.12	3.21
Nickel	G94-04-MW-03-02	G94-04-MW-03-02	92.0	91.0	91.5	0.707	1.09
Nickel	G94-06-MW-05D	G94-06-MW-05D	91.0	95.0	93.0	2.83	4.30
Nickel	G94-13-MW-37	G94-13-MW-37	91.0	87.0	89.0	2.83	4.49
Potassium	G94-04-MW-03-02	G94-04-MW-03-02	96.0	95.0	95.5	0.707	1.05
Potassium	G94-06-MW-05D	G94-06-MW-05D	100	99.0	99.5	0.707	1.01
Potassium	G94-13-MW-37	G94-13-MW-37	99.0	97.0	98.0	1.41	2.04
Selenium	G94-04-MW-03-02	G94-04-MW-03-02	92.0	94.0	93.0	1.41	2.15
Selenium	G94-06-MW-05D	G94-06-MW-05D	101	104	103	2.12	2.93
Selenium	G94-13-MW-37	G94-13-MW-37	96.0	100	98.0	2.83	4.08
Silver	G94-04-MW-03-02	G94-04-MW-03-02	88.0	88.0	88.0	0.00	0.00
Silver	G94-06-MW-05D	G94-06-MW-05D	91.0	92.0	91.5	0.707	1.09
Silver	G94-13-MW-37	G94-13-MW-37	86.0	90.0	88.0	2.83	4.55
Sodium	G94-04-MW-03-02	G94-04-MW-03-02	102	101	102	0.707	0.985
Sodium	G94-06-MW-05D	G94-06-MW-05D	99.0	87.0	93.0	8.49	12.9
Sodium	G94-13-MW-37	G94-13-MW-37	98.0	97.0	97.5	0.707	1.03
Thallium	G94-04-MW-03-02	G94-04-MW-03-02	88.0	82.0	85.0	4.24	7.06
Thallium	G94-06-MW-05D	G94-06-MW-05D	92.0	91.0	91.5	0.707	1.09
Thallium	G94-13-MW-37	G94-13-MW-37	92.0	99.0	95.5	4.95	7.33
Vanadium	G94-04-MW-03-02	G94-04-MW-03-02	93.0	94.0	93.5	0.707	1.07
Vanadium	G94-06-MW-05D	G94-06-MW-05D	97.0	97.0	97.0	0.00	0.00
Vanadium	G94-13-MW-37	G94-13-MW-37	91.0	91.0	91.0	0.00	0.00
Zinc	G94-04-MW-03-02	G94-04-MW-03-02	91.0	90.0	90.5	0.707	1.10
Zinc	G94-06-MW-05D	G94-06-MW-05D	95.0	95.0	95.0	0.00	0.00
Zinc	G94-13-MW-37	G94-13-MW-37	86.0	87.0	86.5	0.707	1.16

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW7060 - Arsenic							
Type of Duplicate : Field Duplicate							
Arsenic	G94-13-MW-37	G94-13-MW-37-FD	< 0.000647 (JB)	< 0.000647 (JB)	NC	NC	NC
Method = SW7060 - Arsenic							
Type of Duplicate : Laboratory Control Duplicate							
Arsenic	LCS946379	LCSD946379	78.0	83.0	80.5	3.54	6.21
Arsenic	LCS946516	LCSD946516	92.0	88.0	90.0	2.83	4.44
Arsenic	LCS946556	LCSD946556	83.0	84.0	83.5	0.707	1.20
Arsenic	LCS946771	LCSD946771	99.0	99.0	99.0	0.00	0.00
Method = SW7060 - Arsenic							
Type of Duplicate : Matrix Spike Duplicate							
Arsenic	G94-04-MW-03-02	G94-04-MW-03-02	107	108	108	0.707	0.930
Arsenic	G94-04-MW-03D	G94-04-MW-03D	99.0	97.0	98.0	1.41	2.04
Arsenic	G94-06-MW-05D	G94-06-MW-05D	107	105	106	1.41	1.89
Arsenic	G94-13-MW-37	G94-13-MW-37	93.0	93.0	93.0	0.00	0.00
Method = SW7421 - Lead							
Type of Duplicate : Field Duplicate							
Lead	G94-13-MW-37	G94-13-MW-37-FD	< 0.00220 (JB)	< 0.00220 (JB)	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW7421 - Lead							
Type of Duplicate : Laboratory Control Duplicate							
Lead	LCS946379	LCSD946379	97.0	100	98.5	2.12	3.05
Lead	LCS946556	LCSD946556	96.0	96.0	96.0	0.00	0.00
Lead	LCS946771	LCSD946771	103	105	104	1.41	1.92
Method = SW7421 - Lead							
Type of Duplicate : Matrix Spike Duplicate							
Lead	G94-04-MW-03-02	G94-04-MW-03-02	93.0	94.0	93.5	0.707	1.07
Lead	G94-06-MW-05D	G94-06-MW-05D	93.0	93.0	93.0	0.00	0.00
Lead	G94-13-MW-37	G94-13-MW-37	92.0	93.0	92.5	0.707	1.08
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Field Duplicate							
4,4'-DDD	G94-01-MW-01	G94-01-MW-01-FD	< 0.00225	< 0.00217	NC	NC	NC
4,4'-DDD	G94-05-MW-02	G94-05-MW-02-FD	< 0.0162	< 0.00305	NC	NC	NC
4,4'-DDD	G94-06-MW-03	G94-06-MW-03-FD	< 0.00285	< 0.00296	NC	NC	NC
4,4'-DDD	G94-09-MW-05	G94-09-MW-05-FD	< 0.00299	< 0.0157	NC	NC	NC
4,4'-DDD	G94-13-MW-37	G94-13-MW-37-FD	< 0.00299	< 0.00302	NC	NC	NC
4,4'-DDE	G94-01-MW-01	G94-01-MW-01-FD	< 0.00464	< 0.00448	NC	NC	NC
4,4'-DDE	G94-05-MW-02	G94-05-MW-02-FD	< 0.00358	< 0.00351	NC	NC	NC
4,4'-DDE	G94-06-MW-03	G94-06-MW-03-FD	< 0.00328	< 0.00341	NC	NC	NC
4,4'-DDE	G94-09-MW-05	G94-09-MW-05-FD	< 0.00344	< 0.00348	NC	NC	NC
4,4'-DDE	G94-13-MW-37	G94-13-MW-37-FD	< 0.00344	< 0.00348	NC	NC	NC
4,4'-DDT	G94-01-MW-01	G94-01-MW-01-FD	< 0.00878 (KJ)	< 0.00721	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Field Duplicate, cont.							
4,4'-DDT	G94-05-MW-02	G94-05-MW-02-FD	< 0.00382	< 0.0133 (KJ)	NC	NC	NC
4,4'-DDT	G94-06-MW-03	G94-06-MW-03-FD	< 0.00350	< 0.00363	NC	NC	NC
4,4'-DDT	G94-09-MW-05	G94-09-MW-05-FD	0.00620	< 0.00370	NC	NC	NC
4,4'-DDT	G94-13-MW-37	G94-13-MW-37-FD	< 0.00367	< 0.0132 (KJ)	NC	NC	NC
Aldrin	G94-01-MW-01	G94-01-MW-01-FD	< 0.00292	< 0.00282	NC	NC	NC
Aldrin	G94-05-MW-02	G94-05-MW-02-FD	< 0.00428	< 0.00419	NC	NC	NC
Aldrin	G94-06-MW-03	G94-06-MW-03-FD	< 0.00392	< 0.00407	NC	NC	NC
Aldrin	G94-09-MW-05	G94-09-MW-05-FD	< 0.00411	0.00790	NC	NC	NC
Aldrin	G94-13-MW-37	G94-13-MW-37-FD	< 0.00411	0.00520	NC	NC	NC
Chlordane	G94-01-MW-01	G94-01-MW-01-FD	< 0.0240	< 0.0232	NC	NC	NC
Chlordane	G94-05-MW-02	G94-05-MW-02-FD	< 0.0207	< 0.0203	NC	NC	NC
Chlordane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0190	< 0.0197	NC	NC	NC
Chlordane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0199	< 0.0201	NC	NC	NC
Chlordane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0199	< 0.0201	NC	NC	NC
Dieldrin	G94-01-MW-01	G94-01-MW-01-FD	< 0.00403 (KJB)	< 0.00389 (KJB)	NC	NC	NC
Dieldrin	G94-05-MW-02	G94-05-MW-02-FD	< 0.00292	< 0.00286	NC	NC	NC
Dieldrin	G94-06-MW-03	G94-06-MW-03-FD	< 0.00267	< 0.00403	NC	NC	NC
Dieldrin	G94-09-MW-05	G94-09-MW-05-FD	< 0.00280	< 0.00411	NC	NC	NC
Dieldrin	G94-13-MW-37	G94-13-MW-37-FD	< 0.00280	< 0.00283	NC	NC	NC
Endosulfan I	G94-01-MW-01	G94-01-MW-01-FD	< 0.00910	< 0.00879	NC	NC	NC
Endosulfan I	G94-05-MW-02	G94-05-MW-02-FD	< 0.00223	< 0.00219	NC	NC	NC
Endosulfan I	G94-06-MW-03	G94-06-MW-03-FD	< 0.00205	< 0.00213	NC	NC	NC
Endosulfan I	G94-09-MW-05	G94-09-MW-05-FD	< 0.00215	< 0.00217	NC	NC	NC
Endosulfan I	G94-13-MW-37	G94-13-MW-37-FD	< 0.00215	< 0.00452 (KJ)	NC	NC	NC
Endosulfan II	G94-01-MW-01	G94-01-MW-01-FD	< 0.00380	< 0.00367	NC	NC	NC
Endosulfan II	G94-05-MW-02	G94-05-MW-02-FD	< 0.00392	< 0.00384	NC	NC	NC
Endosulfan II	G94-06-MW-03	G94-06-MW-03-FD	< 0.00359	< 0.00373	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Field Duplicate, cont.							
Endosulfan II	G94-09-MW-05	G94-09-MW-05-FD	< 0.00376	< 0.00380	NC	NC	NC
Endosulfan II	G94-13-MW-37	G94-13-MW-37-FD	< 0.00376	< 0.00380	NC	NC	NC
Endosulfan Sulfate	G94-01-MW-01	G94-01-MW-01-FD	< 0.00544	< 0.00526	NC	NC	NC
Endosulfan Sulfate	G94-05-MW-02	G94-05-MW-02-FD	< 0.0104 (KJ)	< 0.0102 (KJ)	NC	NC	NC
Endosulfan Sulfate	G94-06-MW-03	G94-06-MW-03-FD	< 0.00953 (KJ)	< 0.00990 (KJ)	NC	NC	NC
Endosulfan Sulfate	G94-09-MW-05	G94-09-MW-05-FD	< 0.0100 (KJ)	< 0.00502	NC	NC	NC
Endosulfan Sulfate	G94-13-MW-37	G94-13-MW-37-FD	< 0.0100 (KJ)	< 0.0101 (KJ)	NC	NC	NC
Endrin	G94-01-MW-01	G94-01-MW-01-FD	< 0.00726	< 0.00701	NC	NC	NC
Endrin	G94-05-MW-02	G94-05-MW-02-FD	< 0.00789	< 0.00773	NC	NC	NC
Endrin	G94-06-MW-03	G94-06-MW-03-FD	< 0.00722	< 0.00750	NC	NC	NC
Endrin	G94-09-MW-05	G94-09-MW-05-FD	< 0.00758	< 0.00765	NC	NC	NC
Endrin	G94-13-MW-37	G94-13-MW-37-FD	< 0.00758	< 0.00765	NC	NC	NC
Endrin Aldehyde	G94-01-MW-01	G94-01-MW-01-FD	< 0.00400	< 0.00386	NC	NC	NC
Endrin Aldehyde	G94-05-MW-02	G94-05-MW-02-FD	< 0.00651	< 0.00638	NC	NC	NC
Endrin Aldehyde	G94-06-MW-03	G94-06-MW-03-FD	< 0.00596	< 0.00619 (KJ)	NC	NC	NC
Endrin Aldehyde	G94-09-MW-05	G94-09-MW-05-FD	< 0.00625	< 0.00632 (J)	NC	NC	NC
Endrin Aldehyde	G94-13-MW-37	G94-13-MW-37-FD	< 0.00625	< 0.00632	NC	NC	NC
Heptachlor	G94-01-MW-01	G94-01-MW-01-FD	< 0.00236	< 0.00228	NC	NC	NC
Heptachlor	G94-05-MW-02	G94-05-MW-02-FD	< 0.00671 (KJ)	< 0.00658 (KJ)	NC	NC	NC
Heptachlor	G94-06-MW-03	G94-06-MW-03-FD	< 0.00517	< 0.00639 (KJ)	NC	NC	NC
Heptachlor	G94-09-MW-05	G94-09-MW-05-FD	< 0.00542	< 0.00651 (KJ)	NC	NC	NC
Heptachlor	G94-13-MW-37	G94-13-MW-37-FD	< 0.00645 (KJ)	< 0.00651 (KJ)	NC	NC	NC
Heptachlor epoxide	G94-01-MW-01	G94-01-MW-01-FD	< 0.00227	< 0.00219	NC	NC	NC
Heptachlor epoxide	G94-05-MW-02	G94-05-MW-02-FD	< 0.00973	< 0.00192	NC	NC	NC
Heptachlor epoxide	G94-06-MW-03	G94-06-MW-03-FD	< 0.00892	< 0.00926	NC	NC	NC
Heptachlor epoxide	G94-09-MW-05	G94-09-MW-05-FD	< 0.00188	< 0.00190	NC	NC	NC
Heptachlor epoxide	G94-13-MW-37	G94-13-MW-37-FD	< 0.00935 (KJ)	< 0.00190 (PJ)	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Field Duplicate, cont.							
Methoxychlor	G94-01-MW-01	G94-01-MW-01-FD	< 0.0547	< 0.0528	NC	NC	NC
Methoxychlor	G94-05-MW-02	G94-05-MW-02-FD	< 0.0411	< 0.0403	NC	NC	NC
Methoxychlor	G94-06-MW-03	G94-06-MW-03-FD	< 0.0377	< 0.0391	NC	NC	NC
Methoxychlor	G94-09-MW-05	G94-09-MW-05-FD	< 0.0395	< 0.0399	NC	NC	NC
Methoxychlor	G94-13-MW-37	G94-13-MW-37-FD	< 0.0395	< 0.0399	NC	NC	NC
PCB-1016	G94-01-MW-01	G94-01-MW-01-FD	< 0.0244	< 0.0236	NC	NC	NC
PCB-1016	G94-05-MW-02	G94-05-MW-02-FD	< 0.0334	< 0.0327	NC	NC	NC
PCB-1016	G94-06-MW-03	G94-06-MW-03-FD	< 0.0306	< 0.0317	NC	NC	NC
PCB-1016	G94-09-MW-05	G94-09-MW-05-FD	< 0.0321	< 0.0324	NC	NC	NC
PCB-1016	G94-13-MW-37	G94-13-MW-37-FD	< 0.0321	< 0.0324	NC	NC	NC
PCB-1221	G94-01-MW-01	G94-01-MW-01-FD	< 0.0232	< 0.0224	NC	NC	NC
PCB-1221	G94-05-MW-02	G94-05-MW-02-FD	< 0.0300	< 0.0294	NC	NC	NC
PCB-1221	G94-06-MW-03	G94-06-MW-03-FD	< 0.0275	< 0.0285	NC	NC	NC
PCB-1221	G94-09-MW-05	G94-09-MW-05-FD	< 0.0288	< 0.0291	NC	NC	NC
PCB-1221	G94-13-MW-37	G94-13-MW-37-FD	< 0.0288	< 0.0291	NC	NC	NC
PCB-1232	G94-01-MW-01	G94-01-MW-01-FD	< 0.0175	< 0.0169	NC	NC	NC
PCB-1232	G94-05-MW-02	G94-05-MW-02-FD	< 0.0758	< 0.0743	NC	NC	NC
PCB-1232	G94-06-MW-03	G94-06-MW-03-FD	< 0.0694	< 0.0721	NC	NC	NC
PCB-1232	G94-09-MW-05	G94-09-MW-05-FD	< 0.0728	< 0.0736	NC	NC	NC
PCB-1232	G94-13-MW-37	G94-13-MW-37-FD	< 0.0728	< 0.0736	NC	NC	NC
PCB-1242	G94-01-MW-01	G94-01-MW-01-FD	< 0.120	< 0.116	NC	NC	NC
PCB-1242	G94-05-MW-02	G94-05-MW-02-FD	< 0.0278	< 0.0272	NC	NC	NC
PCB-1242	G94-06-MW-03	G94-06-MW-03-FD	< 0.0254	< 0.0264	NC	NC	NC
PCB-1242	G94-09-MW-05	G94-09-MW-05-FD	< 0.0267	< 0.0269	NC	NC	NC
PCB-1242	G94-13-MW-37	G94-13-MW-37-FD	< 0.0267	< 0.0269	NC	NC	NC
PCB-1248	G94-01-MW-01	G94-01-MW-01-FD	< 0.0417	< 0.0403	NC	NC	NC
PCB-1248	G94-05-MW-02	G94-05-MW-02-FD	< 0.0329	< 0.0322	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Field Duplicate, cont.							
PCB-1248	G94-06-MW-03	G94-06-MW-03-FD	< 0.0301	< 0.0313	NC	NC	NC
PCB-1248	G94-09-MW-05	G94-09-MW-05-FD	< 0.0316	< 0.0319	NC	NC	NC
PCB-1248	G94-13-MW-37	G94-13-MW-37-FD	< 0.0316	< 0.0319	NC	NC	NC
PCB-1254	G94-01-MW-01	G94-01-MW-01-FD	< 0.0308	< 0.0298	NC	NC	NC
PCB-1254	G94-05-MW-02	G94-05-MW-02-FD	< 0.0132	< 0.0129	NC	NC	NC
PCB-1254	G94-06-MW-03	G94-06-MW-03-FD	< 0.0121	< 0.0125	NC	NC	NC
PCB-1254	G94-09-MW-05	G94-09-MW-05-FD	< 0.0126	< 0.0128	NC	NC	NC
PCB-1254	G94-13-MW-37	G94-13-MW-37-FD	< 0.0126	< 0.0128	NC	NC	NC
PCB-1260	G94-01-MW-01	G94-01-MW-01-FD	< 0.0349	< 0.0337	NC	NC	NC
PCB-1260	G94-05-MW-02	G94-05-MW-02-FD	< 0.0365	< 0.0358	NC	NC	NC
PCB-1260	G94-06-MW-03	G94-06-MW-03-FD	< 0.0335	< 0.0348	NC	NC	NC
PCB-1260	G94-09-MW-05	G94-09-MW-05-FD	< 0.0351	< 0.0354	NC	NC	NC
PCB-1260	G94-13-MW-37	G94-13-MW-37-FD	< 0.0351	< 0.0354	NC	NC	NC
Toxaphene	G94-01-MW-01	G94-01-MW-01-FD	< 0.0427	< 0.0413	NC	NC	NC
Toxaphene	G94-05-MW-02	G94-05-MW-02-FD	< 0.0587	< 0.0575	NC	NC	NC
Toxaphene	G94-06-MW-03	G94-06-MW-03-FD	< 0.0537	< 0.0558	NC	NC	NC
Toxaphene	G94-09-MW-05	G94-09-MW-05-FD	< 0.0564	< 0.0569	NC	NC	NC
Toxaphene	G94-13-MW-37	G94-13-MW-37-FD	< 0.0564	< 0.0569	NC	NC	NC
alpha-BHC	G94-01-MW-01	G94-01-MW-01-FD	< 0.00429	< 0.00414	NC	NC	NC
alpha-BHC	G94-05-MW-02	G94-05-MW-02-FD	< 0.00298	< 0.00292	NC	NC	NC
alpha-BHC	G94-06-MW-03	G94-06-MW-03-FD	< 0.00273	< 0.00283	NC	NC	NC
alpha-BHC	G94-09-MW-05	G94-09-MW-05-FD	< 0.00286	< 0.00289	NC	NC	NC
alpha-BHC	G94-13-MW-37	G94-13-MW-37-FD	< 0.00286	< 0.00289	NC	NC	NC
beta-BHC	G94-01-MW-01	G94-01-MW-01-FD	0.0144 (P)	0.0189	0.0150	0.0107	30.0
beta-BHC	G94-05-MW-02	G94-05-MW-02-FD	< 0.00421	< 0.00413	NC	NC	NC
beta-BHC	G94-06-MW-03	G94-06-MW-03-FD	< 0.00386	< 0.00401	NC	NC	NC
beta-BHC	G94-09-MW-05	G94-09-MW-05-FD	< 0.00405	< 0.00409	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Field Duplicate, cont.							
beta-BHC	G94-13-MW-37	G94-13-MW-37-FD	< 0.00405	< 0.00409	NC	NC	NC
delta-BHC	G94-01-MW-01	G94-01-MW-01-FD	< 0.00178	< 0.00211	NC	NC	NC
delta-BHC	G94-05-MW-02	G94-05-MW-02-FD	< 0.00243	< 0.00238	NC	NC	NC
delta-BHC	G94-06-MW-03	G94-06-MW-03-FD	< 0.00222	< 0.00231	NC	NC	NC
delta-BHC	G94-09-MW-05	G94-09-MW-05-FD	< 0.00233	< 0.00236	NC	NC	NC
delta-BHC	G94-13-MW-37	G94-13-MW-37-FD	< 0.000852	< 0.00236	NC	NC	NC
gamma-BHC	G94-01-MW-01	G94-01-MW-01-FD	< 0.00135	< 0.00130	NC	NC	NC
gamma-BHC	G94-05-MW-02	G94-05-MW-02-FD	< 0.00186	< 0.00182	NC	NC	NC
gamma-BHC	G94-06-MW-03	G94-06-MW-03-FD	< 0.00170	< 0.00177	NC	NC	NC
gamma-BHC	G94-09-MW-05	G94-09-MW-05-FD	0.00670	0.0127	0.00500	0.0125	120
gamma-BHC	G94-13-MW-37	G94-13-MW-37-FD	< 0.00178	< 0.00180	NC	NC	NC
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Laboratory Control Duplicate							
4,4'-DDT	LCS946201 K	LCSD946201	98.0	94.0	96.0	2.83	4.17
4,4'-DDT	LCS946361 K	LCSD946361	103	103	103	0.00	0.00
4,4'-DDT	LCS946397	LCSD946397	89.0	98.0	93.5	6.36	9.63
4,4'-DDT	LCS946423	LCSD946423	87.0	95.0	91.0	5.66	8.79
4,4'-DDT	LCS946526	LCSD946526	91.0	95.0	93.0	2.83	4.30
Aldrin	LCS946201 K	LCSD946201	83.0	83.0	83.0	0.00	0.00
Aldrin	LCS946361 K	LCSD946361	95.0	99.0	97.0	2.83	4.12
Aldrin	LCS946397	LCSD946397	84.0	94.0	89.0	7.07	11.2
Aldrin	LCS946423	LCSD946423	85.0	87.0	86.0	1.41	2.33
Aldrin	LCS946526	LCSD946526	82.0	84.0	83.0	1.41	2.41
Dieldrin	LCS946201 K	LCSD946201	98.0	95.0	96.5	2.12	3.11

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NC = Not Calculable () = Data Flag

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Dieldrin	LCS946361 K	LCSD946361	101	103	102	1.41	1.96
Dieldrin	LCS946397	LCSD946397	89.0	98.0	93.5	6.36	9.63
Dieldrin	LCS946423	LCSD946423	92.0	96.0	94.0	2.83	4.26
Dieldrin	LCS946526	LCSD946526	91.0	93.0	92.0	1.41	2.17
Endosulfan II	LCS946201 K	LCSD946201	102	99.0	101	2.12	2.99
Endosulfan II	LCS946361 K	LCSD946361	105	106	106	0.707	0.948
Endosulfan II	LCS946397	LCSD946397	93.0	103	98.0	7.07	10.2
Endosulfan II	LCS946423	LCSD946423	95.0	101	98.0	4.24	6.12
Endosulfan II	LCS946526	LCSD946526	89.0	92.0	90.5	2.12	3.31
Endrin	LCS946201 K	LCSD946201	94.0	91.0	92.5	2.12	3.24
Endrin	LCS946361 K	LCSD946361	98.0	99.0	98.5	0.707	1.02
Endrin	LCS946397	LCSD946397	86.0	97.0	91.5	7.78	12.0
Endrin	LCS946423	LCSD946423	84.0	89.0	86.5	3.54	5.78
Endrin	LCS946526	LCSD946526	89.0	91.0	90.0	1.41	2.22
Endrin Aldehyde	LCS946201 K	LCSD946201	107	103	105	2.83	3.81
Endrin Aldehyde	LCS946361 K	LCSD946361	114	115	115	0.707	0.873
Endrin Aldehyde	LCS946397	LCSD946397	105	115	110	7.07	9.09
Endrin Aldehyde	LCS946423	LCSD946423	107	115	111	5.66	7.21
Endrin Aldehyde	LCS946526	LCSD946526	< 0.00638 (J)	6.50	NC	NC	NC
Heptachlor	LCS946201 K	LCSD946201	90.0	90.0	90.0	0.00	0.00
Heptachlor	LCS946361 K	LCSD946361	101	104	103	2.12	2.93
Heptachlor	LCS946397	LCSD946397	89.0	99.0	94.0	7.07	10.6
Heptachlor	LCS946423	LCSD946423	89.0	90.0	89.5	0.707	1.12
Heptachlor	LCS946526	LCSD946526	90.0	91.0	90.5	0.707	1.10
Heptachlor epoxide	LCS946201 K	LCSD946201	106	102	104	2.83	3.85
Heptachlor epoxide	LCS946361 K	LCSD946361	110	111	111	0.707	0.905
Heptachlor epoxide	LCS946397	LCSD946397	95.0	105	100	7.07	10.0

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NC = Not Calculable () = Data Flag

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Heptachlor epoxide	LCS946423	LCSD946423	97.0	100	98.5	2.12	3.05
Heptachlor epoxide	LCS946526	LCSD946526	97.0	103	100	4.24	6.00
PCB-1016	LCS946202	LCSD946202	93.0	92.0	92.5	0.707	1.08
PCB-1016	LCS946304	LCSD946304	87.0	93.0	90.0	4.24	6.67
PCB-1016	LCS946398	LCSD946398	87.0	89.0	88.0	1.41	2.27
PCB-1016	LCS946424	LCSD946424	78.0	70.0	74.0	5.66	10.8
PCB-1016	LCS946527	LCSD946527	85.0	91.0	88.0	4.24	6.82
PCB-1260	LCS946202	LCSD946202	96.0	96.0	96.0	0.00	0.00
PCB-1260	LCS946304	LCSD946304	99.0	103	101	2.83	3.96
PCB-1260	LCS946398	LCSD946398	100	103	102	2.12	2.96
PCB-1260	LCS946424	LCSD946424	95.0	91.0	93.0	2.83	4.30
PCB-1260	LCS946527	LCSD946527	86.0	92.0	89.0	4.24	6.74
alpha-BHC	LCS946201 K	LCSD946201	89.0	88.0	88.5	0.707	1.13
alpha-BHC	LCS946361 K	LCSD946361	97.0	99.0	98.0	1.41	2.04
alpha-BHC	LCS946397	LCSD946397	83.0	92.0	87.5	6.36	10.3
alpha-BHC	LCS946423	LCSD946423	86.0	85.0	85.5	0.707	1.17
alpha-BHC	LCS946526	LCSD946526	89.0	91.0	90.0	1.41	2.22
delta-BHC	LCS946201 K	LCSD946201	58.0	55.0	56.5	2.12	5.31
delta-BHC	LCS946361 K	LCSD946361	83.0	84.0	83.5	0.707	1.20
delta-BHC	LCS946397	LCSD946397	69.0	78.0	73.5	6.36	12.2
delta-BHC	LCS946423	LCSD946423	67.0	72.0	69.5	3.54	7.19
delta-BHC	LCS946526	LCSD946526	75.0	77.0	76.0	1.41	2.63
gamma-BHC	LCS946201 K	LCSD946201	99.0	97.0	98.0	1.41	2.04
gamma-BHC	LCS946361 K	LCSD946361	104	106	105	1.41	1.90
gamma-BHC	LCS946397	LCSD946397	90.0	100	95.0	7.07	10.5
gamma-BHC	LCS946423	LCSD946423	91.0	92.0	91.5	0.707	1.09
gamma-BHC	LCS946526	LCSD946526	95.0	98.0	96.5	2.12	3.11

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Matrix Spike Duplicate							
4,4'-DDT	G94-01-MW-05	G94-01-MW-05	94.0	103	98.5	6.36	9.14
4,4'-DDT	G94-06-MW-02	G94-06-MW-02	93.0	100	96.5	4.95	7.25
4,4'-DDT	G94-06-MW-03	G94-06-MW-03	98.0	101	99.5	2.12	3.02
4,4'-DDT	G94-13-MW-37	G94-13-MW-37	96.0	101	98.5	3.54	5.08
Aldrin	G94-01-MW-05	G94-01-MW-05	84.0	90.0	87.0	4.24	6.90
Aldrin	G94-06-MW-02	G94-06-MW-02	90.0	95.0	92.5	3.54	5.41
Aldrin	G94-06-MW-03	G94-06-MW-03	88.0	92.0	90.0	2.83	4.44
Aldrin	G94-13-MW-37	G94-13-MW-37	92.0	98.0	95.0	4.24	6.32
Dieldrin	G94-01-MW-05	G94-01-MW-05	91.0	97.0	94.0	4.24	6.38
Dieldrin	G94-06-MW-02	G94-06-MW-02	92.0	96.0	94.0	2.83	4.26
Dieldrin	G94-06-MW-03	G94-06-MW-03	94.0	97.0	95.5	2.12	3.14
Dieldrin	G94-13-MW-37	G94-13-MW-37	90.0	97.0	93.5	4.95	7.49
Endrin	G94-01-MW-05	G94-01-MW-05	99.0	106	103	4.95	6.83
Endrin	G94-06-MW-02	G94-06-MW-02	98.0	102	100	2.83	4.00
Endrin	G94-06-MW-03	G94-06-MW-03	97.0	102	99.5	3.54	5.03
Endrin	G94-13-MW-37	G94-13-MW-37	95.0	102	98.5	4.95	7.11
Heptachlor	G94-01-MW-05	G94-01-MW-05	85.0	91.0	88.0	4.24	6.82
Heptachlor	G94-06-MW-02	G94-06-MW-02	92.0	97.0	94.5	3.54	5.29
Heptachlor	G94-06-MW-03	G94-06-MW-03	89.0	92.0	90.5	2.12	3.31
Heptachlor	G94-13-MW-37	G94-13-MW-37	91.0	103	97.0	8.49	12.4
gamma-BHC	G94-01-MW-05	G94-01-MW-05	80.0	87.0	83.5	4.95	8.38
gamma-BHC	G94-06-MW-02	G94-06-MW-02	90.0	94.0	92.0	2.83	4.35
gamma-BHC	G94-06-MW-03	G94-06-MW-03	91.0	99.0	95.0	5.66	8.42
gamma-BHC	G94-13-MW-37	G94-13-MW-37	91.0	98.0	94.5	4.95	7.41

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NC = Not Calculable () = Data Flag

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Field Duplicate							
1,1,1,2-Tetrachloroethane	G94-01-MW-01	G94-01-MW-01-FD	< 0.0851	< 0.0851	NC	NC	NC
1,1,1,2-Tetrachloroethane	G94-05-MW-02	G94-05-MW-02-FD	< 0.0851	< 0.0851	NC	NC	NC
1,1,1,2-Tetrachloroethane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0851	< 0.0851	NC	NC	NC
1,1,1,2-Tetrachloroethane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0851	< 0.0851	NC	NC	NC
1,1,1,2-Tetrachloroethane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0851	< 0.0851	NC	NC	NC
1,1,1-Trichloroethane	G94-01-MW-01	G94-01-MW-01-FD	< 0.0992	< 0.0992	NC	NC	NC
1,1,1-Trichloroethane	G94-05-MW-02	G94-05-MW-02-FD	< 0.0992	< 0.0992	NC	NC	NC
1,1,1-Trichloroethane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0992	< 0.0992	NC	NC	NC
1,1,1-Trichloroethane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0992	< 0.0992	NC	NC	NC
1,1,1-Trichloroethane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0992	< 0.0992	NC	NC	NC
1,1,2,2-Tetrachloroethane	G94-01-MW-01	G94-01-MW-01-FD	< 0.170	< 0.170	NC	NC	NC
1,1,2,2-Tetrachloroethane	G94-05-MW-02	G94-05-MW-02-FD	< 0.170	< 0.170	NC	NC	NC
1,1,2,2-Tetrachloroethane	G94-06-MW-03	G94-06-MW-03-FD	< 0.170	< 0.170	NC	NC	NC
1,1,2,2-Tetrachloroethane	G94-09-MW-05	G94-09-MW-05-FD	< 0.170	< 0.170	NC	NC	NC
1,1,2,2-Tetrachloroethane	G94-13-MW-37	G94-13-MW-37-FD	< 0.170	< 0.170	NC	NC	NC
1,1,2-Trichloroethane	G94-01-MW-01	G94-01-MW-01-FD	< 0.0920	< 0.0920	NC	NC	NC
1,1,2-Trichloroethane	G94-05-MW-02	G94-05-MW-02-FD	< 0.0920	< 0.0920	NC	NC	NC
1,1,2-Trichloroethane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0920	< 0.0920	NC	NC	NC
1,1,2-Trichloroethane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0920	< 0.0920	NC	NC	NC
1,1,2-Trichloroethane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0920	< 0.0920	NC	NC	NC
1,1-Dichloroethane	G94-01-MW-01	G94-01-MW-01-FD	< 0.0886	< 0.0886	NC	NC	NC
1,1-Dichloroethane	G94-05-MW-02	G94-05-MW-02-FD	< 0.0886	< 0.0886	NC	NC	NC
1,1-Dichloroethane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0886	< 0.0886	NC	NC	NC
1,1-Dichloroethane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0886	< 0.0886	NC	NC	NC
1,1-Dichloroethane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0886	< 0.0886	NC	NC	NC
1,1-Dichloroethene	G94-01-MW-01	G94-01-MW-01-FD	< 0.0806	< 0.0806	NC	NC	NC
1,1-Dichloroethene	G94-05-MW-02	G94-05-MW-02-FD	< 0.0806	< 0.0806	NC	NC	NC

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NC = Not C[illegible]able () = Data Flag

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Field Duplicate, cont.							
1,1-Dichloroethene	G94-06-MW-03	G94-06-MW-03-FD	< 0.0806	< 0.0806	NC	NC	NC
1,1-Dichloroethene	G94-09-MW-05	G94-09-MW-05-FD	< 0.0806	< 0.0806	NC	NC	NC
1,1-Dichloroethene	G94-13-MW-37	G94-13-MW-37-FD	< 0.0806	< 0.0806	NC	NC	NC
1,2,3-Trichloropropane	G94-01-MW-01	G94-01-MW-01-FD	< 0.233	< 0.233	NC	NC	NC
1,2,3-Trichloropropane	G94-05-MW-02	G94-05-MW-02-FD	< 0.233	< 0.233	NC	NC	NC
1,2,3-Trichloropropane	G94-06-MW-03	G94-06-MW-03-FD	< 0.233	< 0.233	NC	NC	NC
1,2,3-Trichloropropane	G94-09-MW-05	G94-09-MW-05-FD	< 0.233	< 0.233	NC	NC	NC
1,2,3-Trichloropropane	G94-13-MW-37	G94-13-MW-37-FD	< 0.233	< 0.233	NC	NC	NC
1,2-Dichlorobenzene	G94-01-MW-01	G94-01-MW-01-FD	< 0.354	< 0.354	NC	NC	NC
1,2-Dichlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	< 0.354	< 0.354	NC	NC	NC
1,2-Dichlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	< 0.354	< 0.354	NC	NC	NC
1,2-Dichlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	< 0.354	< 0.354	NC	NC	NC
1,2-Dichlorobenzene	G94-13-MW-37	G94-13-MW-37-FD	< 0.354	< 0.354	NC	NC	NC
1,2-Dichloroethane	G94-01-MW-01	G94-01-MW-01-FD	1.40	1.62	1.51	0.156	14.6
1,2-Dichloroethane	G94-05-MW-02	G94-05-MW-02-FD	0.710	0.830	0.770	0.0849	15.6
1,2-Dichloroethane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0791	< 0.0791	NC	NC	NC
1,2-Dichloroethane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0791	< 0.0791	NC	NC	NC
1,2-Dichloroethane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0791	< 0.0791	NC	NC	NC
1,2-Dichloropropane	G94-01-MW-01	G94-01-MW-01-FD	< 0.0742	< 0.0742	NC	NC	NC
1,2-Dichloropropane	G94-05-MW-02	G94-05-MW-02-FD	< 0.0742	< 0.0742	NC	NC	NC
1,2-Dichloropropane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0742	< 0.0742	NC	NC	NC
1,2-Dichloropropane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0742	< 0.0742	NC	NC	NC
1,2-Dichloropropane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0742	< 0.0742	NC	NC	NC
1,3-Dichlorobenzene	G94-01-MW-01	G94-01-MW-01-FD	< 0.391	< 0.391	NC	NC	NC
1,3-Dichlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	< 0.391	< 0.391	NC	NC	NC
1,3-Dichlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	< 0.391	< 0.391	NC	NC	NC
1,3-Dichlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	< 0.391	< 0.391	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Field Duplicate, cont.							
1,3-Dichlorobenzene	G94-13-MW-37	G94-13-MW-37-FD	< 0.391	< 0.391	NC	NC	NC
1,4-Dichlorobenzene	G94-01-MW-01	G94-01-MW-01-FD	< 0.423	< 0.423	NC	NC	NC
1,4-Dichlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	< 0.423	< 0.423	NC	NC	NC
1,4-Dichlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	< 0.423	< 0.423	NC	NC	NC
1,4-Dichlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	< 0.423	< 0.423	NC	NC	NC
1,4-Dichlorobenzene	G94-13-MW-37	G94-13-MW-37-FD	< 0.423	< 0.423	NC	NC	NC
1-Chlorohexane	G94-01-MW-01	G94-01-MW-01-FD	< 0.154	< 0.154	NC	NC	NC
1-Chlorohexane	G94-05-MW-02	G94-05-MW-02-FD	< 0.154	< 0.154	NC	NC	NC
1-Chlorohexane	G94-06-MW-03	G94-06-MW-03-FD	< 0.154	< 0.154	NC	NC	NC
1-Chlorohexane	G94-09-MW-05	G94-09-MW-05-FD	< 0.154	< 0.154	NC	NC	NC
1-Chlorohexane	G94-13-MW-37	G94-13-MW-37-FD	< 0.154	< 0.154	NC	NC	NC
2-Butanone(MEK)	G94-01-MW-01	G94-01-MW-01-FD	< 0.890	< 0.890	NC	NC	NC
2-Butanone(MEK)	G94-05-MW-02	G94-05-MW-02-FD	< 0.890	< 0.890	NC	NC	NC
2-Butanone(MEK)	G94-06-MW-03	G94-06-MW-03-FD	< 0.890	< 0.890	NC	NC	NC
2-Butanone(MEK)	G94-09-MW-05	G94-09-MW-05-FD	< 0.890	< 0.890	NC	NC	NC
2-Butanone(MEK)	G94-13-MW-37	G94-13-MW-37-FD	< 0.890	< 0.890	NC	NC	NC
2-Chloroethyl vinyl ether	G94-01-MW-01	G94-01-MW-01-FD	< 0.124	< 0.124	NC	NC	NC
2-Chloroethyl vinyl ether	G94-05-MW-02	G94-05-MW-02-FD	< 0.124	< 0.124	NC	NC	NC
2-Chloroethyl vinyl ether	G94-06-MW-03	G94-06-MW-03-FD	< 0.124	< 0.124	NC	NC	NC
2-Chloroethyl vinyl ether	G94-09-MW-05	G94-09-MW-05-FD	< 0.124	< 0.124	NC	NC	NC
2-Chloroethyl vinyl ether	G94-13-MW-37	G94-13-MW-37-FD	< 0.124	< 0.124	NC	NC	NC
2-Hexanone	G94-01-MW-01	G94-01-MW-01-FD	< 0.766	< 0.766	NC	NC	NC
2-Hexanone	G94-05-MW-02	G94-05-MW-02-FD	< 0.766	< 0.766	NC	NC	NC
2-Hexanone	G94-06-MW-03	G94-06-MW-03-FD	< 0.766	< 0.766	NC	NC	NC
2-Hexanone	G94-09-MW-05	G94-09-MW-05-FD	< 0.766	< 0.766	NC	NC	NC
2-Hexanone	G94-13-MW-37	G94-13-MW-37-FD	< 0.766	< 0.766	NC	NC	NC
4-Methyl-2-Pentanone(MIBK)	G94-01-MW-01	G94-01-MW-01-FD	< 0.501	< 0.501	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Field Duplicate, cont.							
4-Methyl-2-Pentanone(MIBK)	G94-05-MW-02	G94-05-MW-02-FD	< 0.501	< 0.501	NC	NC	NC
4-Methyl-2-Pentanone(MIBK)	G94-06-MW-03	G94-06-MW-03-FD	< 0.501	< 0.501	NC	NC	NC
4-Methyl-2-Pentanone(MIBK)	G94-09-MW-05	G94-09-MW-05-FD	< 0.501	< 0.501	NC	NC	NC
4-Methyl-2-Pentanone(MIBK)	G94-13-MW-37	G94-13-MW-37-FD	< 0.501	< 0.501	NC	NC	NC
Acetone	G94-01-MW-01	G94-01-MW-01-FD	5.87	6.27	6.07	0.283	6.59
Acetone	G94-05-MW-02	G94-05-MW-02-FD	5.01 (B)	5.00 (B)	5.01	0.00707	0.200
Acetone	G94-06-MW-03	G94-06-MW-03-FD	6.59	5.87	6.23	0.509	11.6
Acetone	G94-09-MW-05	G94-09-MW-05-FD	2.60 (B)	3.10 (B)	2.85	0.354	17.5
Acetone	G94-13-MW-37	G94-13-MW-37-FD	6.15	4.81 (B)	5.48	0.948	24.5
Benzene	G94-01-MW-01	G94-01-MW-01-FD	152	152	152	0.00	0.00
Benzene	G94-05-MW-02	G94-05-MW-02-FD	< 0.0307 (JB)	0.0500 (B)	NC	NC	NC
Benzene	G94-06-MW-03	G94-06-MW-03-FD	0.330	0.330	0.330	0.00	0.00
Benzene	G94-09-MW-05	G94-09-MW-05-FD	0.630	0.660	0.645	0.0212	4.65
Benzene	G94-13-MW-37	G94-13-MW-37-FD	0.0500 (B)	0.0400 (B)	0.0450	0.00707	22.2
Bromobenzene	G94-01-MW-01	G94-01-MW-01-FD	< 0.165	< 0.165	NC	NC	NC
Bromobenzene	G94-05-MW-02	G94-05-MW-02-FD	< 0.165	< 0.165	NC	NC	NC
Bromobenzene	G94-06-MW-03	G94-06-MW-03-FD	< 0.165	< 0.165	NC	NC	NC
Bromobenzene	G94-09-MW-05	G94-09-MW-05-FD	< 0.165	< 0.165	NC	NC	NC
Bromobenzene	G94-13-MW-37	G94-13-MW-37-FD	< 0.165	< 0.165	NC	NC	NC
Bromodichloromethane	G94-01-MW-01	G94-01-MW-01-FD	< 0.0536	< 0.0536	NC	NC	NC
Bromodichloromethane	G94-05-MW-02	G94-05-MW-02-FD	< 0.0536	< 0.0536	NC	NC	NC
Bromodichloromethane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0536	< 0.0536	NC	NC	NC
Bromodichloromethane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0536	< 0.0536	NC	NC	NC
Bromodichloromethane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0536	< 0.0536	NC	NC	NC
Bromoform	G94-01-MW-01	G94-01-MW-01-FD	< 0.108	< 0.108	NC	NC	NC
Bromoform	G94-05-MW-02	G94-05-MW-02-FD	< 0.108	< 0.108	NC	NC	NC
Bromoform	G94-06-MW-03	G94-06-MW-03-FD	< 0.108	< 0.108	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Field Duplicate, cont.							
Bromoform	G94-09-MW-05	G94-09-MW-05-FD	< 0.108	< 0.108	NC	NC	NC
Bromoform	G94-13-MW-37	G94-13-MW-37-FD	< 0.108	< 0.108	NC	NC	NC
Bromomethane	G94-01-MW-01	G94-01-MW-01-FD	< 0.0968	< 0.0968	NC	NC	NC
Bromomethane	G94-05-MW-02	G94-05-MW-02-FD	< 0.0968	< 0.0968	NC	NC	NC
Bromomethane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0968	< 0.0968	NC	NC	NC
Bromomethane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0968	< 0.0968	NC	NC	NC
Bromomethane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0968	< 0.0968	NC	NC	NC
Carbon disulfide	G94-01-MW-01	G94-01-MW-01-FD	< 0.161	< 0.161	NC	NC	NC
Carbon disulfide	G94-05-MW-02	G94-05-MW-02-FD	< 0.161	< 0.161	NC	NC	NC
Carbon disulfide	G94-06-MW-03	G94-06-MW-03-FD	< 0.161	< 0.161	NC	NC	NC
Carbon disulfide	G94-09-MW-05	G94-09-MW-05-FD	< 0.161	< 0.161	NC	NC	NC
Carbon disulfide	G94-13-MW-37	G94-13-MW-37-FD	< 0.161	< 0.161	NC	NC	NC
Carbon tetrachloride	G94-01-MW-01	G94-01-MW-01-FD	< 0.117	< 0.117	NC	NC	NC
Carbon tetrachloride	G94-05-MW-02	G94-05-MW-02-FD	< 0.117	< 0.117	NC	NC	NC
Carbon tetrachloride	G94-06-MW-03	G94-06-MW-03-FD	< 0.117	< 0.117	NC	NC	NC
Carbon tetrachloride	G94-09-MW-05	G94-09-MW-05-FD	< 0.117	< 0.117	NC	NC	NC
Carbon tetrachloride	G94-13-MW-37	G94-13-MW-37-FD	< 0.117	< 0.117	NC	NC	NC
Chlorobenzene	G94-01-MW-01	G94-01-MW-01-FD	< 0.112	< 0.112	NC	NC	NC
Chlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	< 0.112	< 0.112	NC	NC	NC
Chlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	< 0.112	< 0.112	NC	NC	NC
Chlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	< 0.112	< 0.112	NC	NC	NC
Chlorobenzene	G94-13-MW-37	G94-13-MW-37-FD	< 0.112	< 0.112	NC	NC	NC
Chloroethane	G94-01-MW-01	G94-01-MW-01-FD	< 0.0972	0.100	NC	NC	NC
Chloroethane	G94-05-MW-02	G94-05-MW-02-FD	< 0.0972	< 0.0972	NC	NC	NC
Chloroethane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0972	< 0.0972	NC	NC	NC
Chloroethane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0972	< 0.0972	NC	NC	NC
Chloroethane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0972	< 0.0972	NC	NC	NC

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Field Duplicate, cont.							
Chloroform	G94-01-MW-01	G94-01-MW-01-FD	< 0.0363	< 0.0363	NC	NC	NC
Chloroform	G94-05-MW-02	G94-05-MW-02-FD	< 0.0363	< 0.0363	NC	NC	NC
Chloroform	G94-06-MW-03	G94-06-MW-03-FD	< 0.0363	< 0.0363	NC	NC	NC
Chloroform	G94-09-MW-05	G94-09-MW-05-FD	< 0.0363	< 0.0363	NC	NC	NC
Chloroform	G94-13-MW-37	G94-13-MW-37-FD	< 0.0363	< 0.0363	NC	NC	NC
Chloromethane	G94-01-MW-01	G94-01-MW-01-FD	0.570	0.650	0.610	0.0566	13.1
Chloromethane	G94-05-MW-02	G94-05-MW-02-FD	0.240 (B)	0.510	0.375	0.191	72.0
Chloromethane	G94-06-MW-03	G94-06-MW-03-FD	< 0.155 (JB)	< 0.155	NC	NC	NC
Chloromethane	G94-09-MW-05	G94-09-MW-05-FD	< 0.155	< 0.155	NC	NC	NC
Chloromethane	G94-13-MW-37	G94-13-MW-37-FD	0.310	< 0.155	NC	NC	NC
Dibromochloromethane	G94-01-MW-01	G94-01-MW-01-FD	< 0.0283	< 0.0283	NC	NC	NC
Dibromochloromethane	G94-05-MW-02	G94-05-MW-02-FD	< 0.0283	< 0.0283	NC	NC	NC
Dibromochloromethane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0283	< 0.0283	NC	NC	NC
Dibromochloromethane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0283	< 0.0283	NC	NC	NC
Dibromochloromethane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0283	< 0.0283	NC	NC	NC
Dibromomethane	G94-01-MW-01	G94-01-MW-01-FD	0.220	< 0.0598	NC	NC	NC
Dibromomethane	G94-05-MW-02	G94-05-MW-02-FD	< 0.0598	< 0.0598	NC	NC	NC
Dibromomethane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0598	0.220	NC	NC	NC
Dibromomethane	G94-09-MW-05	G94-09-MW-05-FD	0.220	0.200	0.210	0.0141	9.52
Dibromomethane	G94-13-MW-37	G94-13-MW-37-FD	0.210	< 0.0598	NC	NC	NC
Ethyl benzene	G94-01-MW-01	G94-01-MW-01-FD	< 0.110 (J)	< 0.110 (J)	NC	NC	NC
Ethyl benzene	G94-05-MW-02	G94-05-MW-02-FD	< 0.110	< 0.110	NC	NC	NC
Ethyl benzene	G94-06-MW-03	G94-06-MW-03-FD	< 0.110	< 0.110	NC	NC	NC
Ethyl benzene	G94-09-MW-05	G94-09-MW-05-FD	< 0.110 (J)	< 0.110 (J)	NC	NC	NC
Ethyl benzene	G94-13-MW-37	G94-13-MW-37-FD	< 0.110	< 0.110	NC	NC	NC
Meta-&Para-Xylene	G94-01-MW-01	G94-01-MW-01-FD	< 0.365 (J)	< 0.365 (J)	NC	NC	NC
Meta-&Para-Xylene	G94-05-MW-02	G94-05-MW-02-FD	< 0.365	< 0.365 (J)	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Field Duplicate, cont.							
Meta-&Para-Xylene	G94-06-MW-03	G94-06-MW-03-FD	< 0.365	< 0.365	NC	NC	NC
Meta-&Para-Xylene	G94-09-MW-05	G94-09-MW-05-FD	< 0.365 (J)	< 0.365 (J)	NC	NC	NC
Meta-&Para-Xylene	G94-13-MW-37	G94-13-MW-37-FD	< 0.365 (J)	< 0.365 (J)	NC	NC	NC
Methylene Chloride	G94-01-MW-01	G94-01-MW-01-FD	0.220 (B)	0.190 (B)	0.205	0.0212	14.6
Methylene Chloride	G94-05-MW-02	G94-05-MW-02-FD	0.210 (B)	0.950 (B)	0.580	0.523	128
Methylene Chloride	G94-06-MW-03	G94-06-MW-03-FD	0.290 (B)	0.430 (B)	0.360	0.0990	38.9
Methylene Chloride	G94-09-MW-05	G94-09-MW-05-FD	0.360 (B)	0.330 (B)	0.345	0.0212	8.70
Methylene Chloride	G94-13-MW-37	G94-13-MW-37-FD	0.180 (B)	< 0.151 (JB)	NC	NC	NC
Ortho-Xylene	G94-01-MW-01	G94-01-MW-01-FD	< 0.124 (J)	< 0.124	NC	NC	NC
Ortho-Xylene	G94-05-MW-02	G94-05-MW-02-FD	< 0.124	< 0.124	NC	NC	NC
Ortho-Xylene	G94-06-MW-03	G94-06-MW-03-FD	< 0.124	< 0.124	NC	NC	NC
Ortho-Xylene	G94-09-MW-05	G94-09-MW-05-FD	< 0.124	< 0.124	NC	NC	NC
Ortho-Xylene	G94-13-MW-37	G94-13-MW-37-FD	< 0.124	< 0.124	NC	NC	NC
Styrene	G94-01-MW-01	G94-01-MW-01-FD	< 0.113	< 0.113	NC	NC	NC
Styrene	G94-05-MW-02	G94-05-MW-02-FD	< 0.113	< 0.113	NC	NC	NC
Styrene	G94-06-MW-03	G94-06-MW-03-FD	< 0.113	< 0.113	NC	NC	NC
Styrene	G94-09-MW-05	G94-09-MW-05-FD	< 0.113	< 0.113	NC	NC	NC
Styrene	G94-13-MW-37	G94-13-MW-37-FD	< 0.113	< 0.113	NC	NC	NC
Tetrachloroethene	G94-01-MW-01	G94-01-MW-01-FD	< 0.209	< 0.209	NC	NC	NC
Tetrachloroethene	G94-05-MW-02	G94-05-MW-02-FD	< 0.209	< 0.209	NC	NC	NC
Tetrachloroethene	G94-06-MW-03	G94-06-MW-03-FD	< 0.209	< 0.209	NC	NC	NC
Tetrachloroethene	G94-09-MW-05	G94-09-MW-05-FD	< 0.209	< 0.209	NC	NC	NC
Tetrachloroethene	G94-13-MW-37	G94-13-MW-37-FD	< 0.209	< 0.209	NC	NC	NC
Toluene	G94-01-MW-01	G94-01-MW-01-FD	0.240	0.280	0.260	0.0283	15.4
Toluene	G94-05-MW-02	G94-05-MW-02-FD	< 0.0336	< 0.0336	NC	NC	NC
Toluene	G94-06-MW-03	G94-06-MW-03-FD	< 0.0336	0.0800	NC	NC	NC
Toluene	G94-09-MW-05	G94-09-MW-05-FD	0.0400	< 0.0336	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Field Duplicate, cont.							
Toluene	G94-13-MW-37	G94-13-MW-37-FD	0.130	0.130	0.130	0.00	0.00
Trichloroethene	G94-01-MW-01	G94-01-MW-01-FD	< 0.0439	< 0.0439	NC	NC	NC
Trichloroethene	G94-05-MW-02	G94-05-MW-02-FD	< 0.0439	0.300	NC	NC	NC
Trichloroethene	G94-06-MW-03	G94-06-MW-03-FD	< 0.0439	< 0.0439	NC	NC	NC
Trichloroethene	G94-09-MW-05	G94-09-MW-05-FD	< 0.0439	< 0.0439	NC	NC	NC
Trichloroethene	G94-13-MW-37	G94-13-MW-37-FD	0.330	0.360	0.345	0.0212	8.70
Trichlorofluoromethane	G94-01-MW-01	G94-01-MW-01-FD	< 0.0943	< 0.0943	NC	NC	NC
Trichlorofluoromethane	G94-05-MW-02	G94-05-MW-02-FD	0.190	0.140	0.165	0.0354	30.3
Trichlorofluoromethane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0943	< 0.0943	NC	NC	NC
Trichlorofluoromethane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0943	< 0.0943	NC	NC	NC
Trichlorofluoromethane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0943	< 0.0943	NC	NC	NC
Vinyl Chloride	G94-01-MW-01	G94-01-MW-01-FD	< 0.0992	< 0.0992	NC	NC	NC
Vinyl Chloride	G94-05-MW-02	G94-05-MW-02-FD	< 0.0992	< 0.0992	NC	NC	NC
Vinyl Chloride	G94-06-MW-03	G94-06-MW-03-FD	< 0.0992 (J)	< 0.0992	NC	NC	NC
Vinyl Chloride	G94-09-MW-05	G94-09-MW-05-FD	< 0.0992	< 0.0992	NC	NC	NC
Vinyl Chloride	G94-13-MW-37	G94-13-MW-37-FD	< 0.0992	< 0.0992	NC	NC	NC
Vinyl acetate	G94-01-MW-01	G94-01-MW-01-FD	< 0.127	< 0.127	NC	NC	NC
Vinyl acetate	G94-05-MW-02	G94-05-MW-02-FD	< 0.127	< 0.127	NC	NC	NC
Vinyl acetate	G94-06-MW-03	G94-06-MW-03-FD	< 0.127	< 0.127	NC	NC	NC
Vinyl acetate	G94-09-MW-05	G94-09-MW-05-FD	< 0.127	< 0.127	NC	NC	NC
Vinyl acetate	G94-13-MW-37	G94-13-MW-37-FD	< 0.127	< 0.127	NC	NC	NC
cis-1,2-Dichloroethene	G94-01-MW-01	G94-01-MW-01-FD	< 0.0785	< 0.0785	NC	NC	NC
cis-1,2-Dichloroethene	G94-05-MW-02	G94-05-MW-02-FD	< 0.0785	< 0.0785	NC	NC	NC
cis-1,2-Dichloroethene	G94-06-MW-03	G94-06-MW-03-FD	1.13	1.03	1.08	0.0707	9.26
cis-1,2-Dichloroethene	G94-09-MW-05	G94-09-MW-05-FD	< 0.0785	< 0.0785	NC	NC	NC
cis-1,2-Dichloroethene	G94-13-MW-37	G94-13-MW-37-FD	< 0.0785	< 0.0785	NC	NC	NC
cis-1,3-Dichloropropene	G94-01-MW-01	G94-01-MW-01-FD	< 0.0758	< 0.0758	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Field Duplicate, cont.							
cis-1,3-Dichloropropene	G94-05-MW-02	G94-05-MW-02-FD	< 0.0758	< 0.0758	NC	NC	NC
cis-1,3-Dichloropropene	G94-06-MW-03	G94-06-MW-03-FD	< 0.0758	< 0.0758	NC	NC	NC
cis-1,3-Dichloropropene	G94-09-MW-05	G94-09-MW-05-FD	< 0.0758	< 0.0758	NC	NC	NC
cis-1,3-Dichloropropene	G94-13-MW-37	G94-13-MW-37-FD	< 0.0758	< 0.0758	NC	NC	NC
trans-1,2-Dichloroethene	G94-01-MW-01	G94-01-MW-01-FD	< 0.131	< 0.131	NC	NC	NC
trans-1,2-Dichloroethene	G94-05-MW-02	G94-05-MW-02-FD	< 0.131	< 0.131	NC	NC	NC
trans-1,2-Dichloroethene	G94-06-MW-03	G94-06-MW-03-FD	< 0.131	< 0.131	NC	NC	NC
trans-1,2-Dichloroethene	G94-09-MW-05	G94-09-MW-05-FD	< 0.131	< 0.131	NC	NC	NC
trans-1,2-Dichloroethene	G94-13-MW-37	G94-13-MW-37-FD	< 0.131	< 0.131	NC	NC	NC
trans-1,3-Dichloropropene	G94-01-MW-01	G94-01-MW-01-FD	< 0.0829	< 0.0829	NC	NC	NC
trans-1,3-Dichloropropene	G94-05-MW-02	G94-05-MW-02-FD	< 0.0829	< 0.0829	NC	NC	NC
trans-1,3-Dichloropropene	G94-06-MW-03	G94-06-MW-03-FD	< 0.0829	< 0.0829	NC	NC	NC
trans-1,3-Dichloropropene	G94-09-MW-05	G94-09-MW-05-FD	< 0.0829	< 0.0829	NC	NC	NC
trans-1,3-Dichloropropene	G94-13-MW-37	G94-13-MW-37-FD	< 0.0829	< 0.0829	NC	NC	NC
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Laboratory Control Duplicate							
1,1,1-Trichloroethane	LCS946318	LCSD946319	100	103	102	2.12	2.96
1,1,1-Trichloroethane	LCS946339	LCSD946340	103	116	110	9.19	11.9
1,1,1-Trichloroethane	LCS946478	LCSD946479	103	109	106	4.24	5.66
1,1,1-Trichloroethane	LCS946487	LCSD946488	114	116	115	1.41	1.74
1,1,2,2-Tetrachloroethane	LCS946318	LCSD946319	107	100	104	4.95	6.76
1,1,2,2-Tetrachloroethane	LCS946339	LCSD946340	105	103	104	1.41	1.92
1,1,2,2-Tetrachloroethane	LCS946478	LCSD946479	107	115	111	5.66	7.21
1,1,2,2-Tetrachloroethane	LCS946487	LCSD946488	101	109	105	5.66	7.62

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Laboratory Control Duplicate , cont.							
1,1,2-Trichloroethane	LCS946318	LCSD946319	97.0	93.0	95.0	2.83	4.21
1,1,2-Trichloroethane	LCS946339	LCSD946340	103	104	104	0.707	0.966
1,1,2-Trichloroethane	LCS946478	LCSD946479	96.0	103	99.5	4.95	7.04
1,1,2-Trichloroethane	LCS946487	LCSD946488	98.0	103	101	3.54	4.98
1,1-Dichloroethane	LCS946318	LCSD946319	99.0	102	101	2.12	2.99
1,1-Dichloroethane	LCS946339	LCSD946340	96.0	110	103	9.90	13.6
1,1-Dichloroethane	LCS946478	LCSD946479	97.0	100	98.5	2.12	3.05
1,1-Dichloroethane	LCS946487	LCSD946488	107	105	106	1.41	1.89
1,1-Dichloroethene	LCS946318	LCSD946319	93.0	97.0	95.0	2.83	4.21
1,1-Dichloroethene	LCS946339	LCSD946340	99.0	114	107	10.6	14.1
1,1-Dichloroethene	LCS946478	LCSD946479	100	104	102	2.83	3.92
1,1-Dichloroethene	LCS946487	LCSD946488	117	117	117	0.00	0.00
1,2-Dichloroethane	LCS946318	LCSD946319	107	106	107	0.707	0.939
1,2-Dichloroethane	LCS946339	LCSD946340	108	115	112	4.95	6.28
1,2-Dichloroethane	LCS946478	LCSD946479	108	115	112	4.95	6.28
1,2-Dichloroethane	LCS946487	LCSD946488	108	114	111	4.24	5.41
1,2-Dichloropropane	LCS946318	LCSD946319	102	101	102	0.707	0.985
1,2-Dichloropropane	LCS946339	LCSD946340	101	101	101	0.00	0.00
1,2-Dichloropropane	LCS946478	LCSD946479	102	106	104	2.83	3.85
1,2-Dichloropropane	LCS946487	LCSD946488	99.0	104	102	3.54	4.93
2-Butanone(MEK)	LCS946318	LCSD946319	104	95.0	99.5	6.36	9.05
2-Butanone(MEK)	LCS946339	LCSD946340	90.0	85.0	87.5	3.54	5.71
2-Butanone(MEK)	LCS946478	LCSD946479	98.0	101	99.5	2.12	3.02
2-Butanone(MEK)	LCS946487	LCSD946488	89.0	96.0	92.5	4.95	7.57
2-Chloroethyl vinyl ether	LCS946318	LCSD946319	98.0	111	105	9.19	12.4
2-Chloroethyl vinyl ether	LCS946339	LCSD946340	95.0	106	101	7.78	10.9
2-Chloroethyl vinyl ether	LCS946478	LCSD946479	118	101	110	12.0	15.5

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Laboratory Control Duplicate , cont.							
2-Chloroethyl vinyl ether	LCS946487	LCSD946488	109	113	111	2.83	3.60
2-Hexanone	LCS946318	LCSD946319	105	98.0	102	4.95	6.90
2-Hexanone	LCS946339	LCSD946340	93.0	90.0	91.5	2.12	3.28
2-Hexanone	LCS946478	LCSD946479	102	103	103	0.707	0.976
2-Hexanone	LCS946487	LCSD946488	85.0	92.0	88.5	4.95	7.91
4-Methyl-2-Pentanone(MIBK)	LCS946318	LCSD946319	118	111	115	4.95	6.11
4-Methyl-2-Pentanone(MIBK)	LCS946339	LCSD946340	113	108	111	3.54	4.52
4-Methyl-2-Pentanone(MIBK)	LCS946478	LCSD946479	122	129	126	4.95	5.58
4-Methyl-2-Pentanone(MIBK)	LCS946487	LCSD946488	104	113	109	6.36	8.29
Acetone	LCS946318	LCSD946319	71.0	67.0	69.0	2.83	5.80
Acetone	LCS946339	LCSD946340	66.0	61.0	63.5	3.54	7.87
Acetone	LCS946478	LCSD946479	79.0	76.0	77.5	2.12	3.87
Acetone	LCS946487	LCSD946488	64.0	67.0	65.5	2.12	4.58
Benzene	LCS946318	LCSD946319	107	107	107	0.00	0.00
Benzene	LCS946339	LCSD946340	107	110	109	2.12	2.76
Benzene	LCS946478	LCSD946479	109	113	111	2.83	3.60
Benzene	LCS946487	LCSD946488	110	115	113	3.54	4.44
Bromodichloromethane	LCS946318	LCSD946319	98.0	98.0	98.0	0.00	0.00
Bromodichloromethane	LCS946339	LCSD946340	106	105	106	0.707	0.948
Bromodichloromethane	LCS946478	LCSD946479	111	115	113	2.83	3.54
Bromodichloromethane	LCS946487	LCSD946488	103	110	107	4.95	6.57
Bromoform	LCS946318	LCSD946319	100	96.0	98.0	2.83	4.08
Bromoform	LCS946339	LCSD946340	96.0	96.0	96.0	0.00	0.00
Bromoform	LCS946478	LCSD946479	96.0	103	99.5	4.95	7.04
Bromoform	LCS946487	LCSD946488	96.0	98.0	97.0	1.41	2.06
Bromomethane	LCS946318	LCSD946319	84.0	84.0	84.0	0.00	0.00
Bromomethane	LCS946339	LCSD946340	87.0	96.0	91.5	6.36	9.84

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Bromomethane	LCS946478	LCSD946479	77.0	79.0	78.0	1.41	2.56
Bromomethane	LCS946487	LCSD946488	91.0	92.0	91.5	0.707	1.09
Carbon disulfide	LCS946318	LCSD946319	118	123	121	3.54	4.15
Carbon disulfide	LCS946339	LCSD946340	115	126	121	7.78	9.13
Carbon disulfide	LCS946478	LCSD946479	103	107	105	2.83	3.81
Carbon disulfide	LCS946487	LCSD946488	119	119	119	0.00	0.00
Carbon tetrachloride	LCS946318	LCSD946319	90.0	92.0	91.0	1.41	2.20
Carbon tetrachloride	LCS946339	LCSD946340	108	112	110	2.83	3.64
Carbon tetrachloride	LCS946478	LCSD946479	106	111	109	3.54	4.61
Carbon tetrachloride	LCS946487	LCSD946488	101	110	106	6.36	8.53
Chlorobenzene	LCS946318	LCSD946319	93.0	92.0	92.5	0.707	1.08
Chlorobenzene	LCS946339	LCSD946340	95.0	99.0	97.0	2.83	4.12
Chlorobenzene	LCS946478	LCSD946479	89.0	95.0	92.0	4.24	6.52
Chlorobenzene	LCS946487	LCSD946488	98.0	101	99.5	2.12	3.02
Chloroethane	LCS946318	LCSD946319	107	118	113	7.78	9.78
Chloroethane	LCS946339	LCSD946340	114	133	124	13.4	15.4
Chloroethane	LCS946478	LCSD946479	96.0	101	98.5	3.54	5.08
Chloroethane	LCS946487	LCSD946488	123	123	123	0.00	0.00
Chloroform	LCS946318	LCSD946319	93.0	95.0	94.0	1.41	2.13
Chloroform	LCS946339	LCSD946340	98.0	108	103	7.07	9.71
Chloroform	LCS946478	LCSD946479	98.0	104	101	4.24	5.94
Chloroform	LCS946487	LCSD946488	104	108	106	2.83	3.77
Chloromethane	LCS946318	LCSD946319	75.0	75.0	75.0	0.00	0.00
Chloromethane	LCS946339	LCSD946340	84.0	92.0	88.0	5.66	9.09
Chloromethane	LCS946478	LCSD946479	73.0	75.0	74.0	1.41	2.70
Chloromethane	LCS946487	LCSD946488	82.0	83.0	82.5	0.707	1.21
Dibromochloromethane	LCS946318	LCSD946319	95.0	92.0	93.5	2.12	3.21

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Dibromochloromethane	LCS946339	LCSD946340	98.0	98.0	98.0	0.00	0.00
Dibromochloromethane	LCS946478	LCSD946479	93.0	101	97.0	5.66	8.25
Dibromochloromethane	LCS946487	LCSD946488	94.0	98.0	96.0	2.83	4.17
Ethyl benzene	LCS946318	LCSD946319	98.0	98.0	98.0	0.00	0.00
Ethyl benzene	LCS946339	LCSD946340	94.0	101	97.5	4.95	7.18
Ethyl benzene	LCS946478	LCSD946479	87.0	91.0	89.0	2.83	4.49
Ethyl benzene	LCS946487	LCSD946488	100	100	100	0.00	0.00
Meta-&Para-Xylene	LCS946318	LCSD946319	97.0	101	99.0	2.83	4.04
Meta-&Para-Xylene	LCS946339	LCSD946340	100	108	104	5.66	7.69
Meta-&Para-Xylene	LCS946478	LCSD946479	92.0	97.0	94.5	3.54	5.29
Meta-&Para-Xylene	LCS946487	LCSD946488	104	104	104	0.00	0.00
Methylene Chloride	LCS946318	LCSD946319	113	110	112	2.12	2.69
Methylene Chloride	LCS946339	LCSD946340	102	110	106	5.66	7.55
Methylene Chloride	LCS946478	LCSD946479	114	122	118	5.66	6.78
Methylene Chloride	LCS946487	LCSD946488	123	131	127	5.66	6.30
Ortho-Xylene	LCS946318	LCSD946319	99.0	99.0	99.0	0.00	0.00
Ortho-Xylene	LCS946339	LCSD946340	101	107	104	4.24	5.77
Ortho-Xylene	LCS946478	LCSD946479	94.0	99.0	96.5	3.54	5.18
Ortho-Xylene	LCS946487	LCSD946488	104	105	105	0.707	0.957
Styrene	LCS946318	LCSD946319	99.0	99.0	99.0	0.00	0.00
Styrene	LCS946339	LCSD946340	99.0	101	100	1.41	2.00
Styrene	LCS946478	LCSD946479	94.0	99.0	96.5	3.54	5.18
Styrene	LCS946487	LCSD946488	104	102	103	1.41	1.94
Tetrachloroethene	LCS946318	LCSD946319	91.0	96.0	93.5	3.54	5.35
Tetrachloroethene	LCS946339	LCSD946340	93.0	101	97.0	5.66	8.25
Tetrachloroethene	LCS946478	LCSD946479	84.0	90.0	87.0	4.24	6.90
Tetrachloroethene	LCS946487	LCSD946488	100	99.0	99.5	0.707	1.01

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Toluene	LCS946318	LCSD946319	103	102	103	0.707	0.976
Toluene	LCS946339	LCSD946340	102	106	104	2.83	3.85
Toluene	LCS946478	LCSD946479	103	105	104	1.41	1.92
Toluene	LCS946487	LCSD946488	105	107	106	1.41	1.89
Trichloroethene	LCS946318	LCSD946319	92.0	94.0	93.0	1.41	2.15
Trichloroethene	LCS946339	LCSD946340	96.0	102	99.0	4.24	6.06
Trichloroethene	LCS946478	LCSD946479	93.0	98.0	95.5	3.54	5.24
Trichloroethene	LCS946487	LCSD946488	101	103	102	1.41	1.96
Trichlorofluoromethane	LCS946318	LCSD946319	70.0	78.0	74.0	5.66	10.8
Trichlorofluoromethane	LCS946339	LCSD946340	96.0	110	103	9.90	13.6
Trichlorofluoromethane	LCS946478	LCSD946479	94.0	98.0	96.0	2.83	4.17
Trichlorofluoromethane	LCS946487	LCSD946488	105	104	105	0.707	0.957
Vinyl Chloride	LCS946318	LCSD946319	76.0	80.0	78.0	2.83	5.13
Vinyl Chloride	LCS946339	LCSD946340	81.0	92.0	86.5	7.78	12.7
Vinyl Chloride	LCS946478	LCSD946479	69.0	73.0	71.0	2.83	5.63
Vinyl Chloride	LCS946487	LCSD946488	82.0	85.0	83.5	2.12	3.59
Vinyl acetate	LCS946318	LCSD946319	116	108	112	5.66	7.14
Vinyl acetate	LCS946339	LCSD946340	103	103	103	0.00	0.00
Vinyl acetate	LCS946478	LCSD946479	102	109	106	4.95	6.64
Vinyl acetate	LCS946487	LCSD946488	108	107	108	0.707	0.930
cis-1,3-Dichloropropene	LCS946318	LCSD946319	102	97.0	99.5	3.54	5.03
cis-1,3-Dichloropropene	LCS946339	LCSD946340	103	102	103	0.707	0.976
cis-1,3-Dichloropropene	LCS946478	LCSD946479	110	111	111	0.707	0.905
cis-1,3-Dichloropropene	LCS946487	LCSD946488	100	106	103	4.24	5.83
trans-1,2-Dichloroethene	LCS946318	LCSD946319	104	106	105	1.41	1.90
trans-1,2-Dichloroethene	LCS946339	LCSD946340	99.0	110	105	7.78	10.5
trans-1,2-Dichloroethene	LCS946478	LCSD946479	99.0	102	101	2.12	2.99

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Laboratory Control Duplicate , cont.							
trans-1,2-Dichloroethene	LCS946487	LCSD946488	116	113	115	2.12	2.62
trans-1,3-Dichloropropene	LCS946318	LCSD946319	103	100	102	2.12	2.96
trans-1,3-Dichloropropene	LCS946339	LCSD946340	101	98.0	99.5	2.12	3.02
trans-1,3-Dichloropropene	LCS946478	LCSD946479	103	108	106	3.54	4.74
trans-1,3-Dichloropropene	LCS946487	LCSD946488	103	108	106	3.54	4.74
Method = SW8260 - Volatile Organic Compounds							
Type of Duplicate : Matrix Spike Duplicate							
1,1-Dichloroethene	G94-01-MW-05	G94-01-MW-05	92.0	92.0	92.0	0.00	0.00
1,1-Dichloroethene	G94-06-MW-02	G94-06-MW-02	89.0	90.0	89.5	0.707	1.12
1,1-Dichloroethene	G94-06-MW-03	G94-06-MW-03	92.0	103	97.5	7.78	11.3
1,1-Dichloroethene	G94-13-MW-37	G94-13-MW-37	93.0	91.0	92.0	1.41	2.17
Benzene	G94-01-MW-05	G94-01-MW-05	99.0	100	99.5	0.707	1.01
Benzene	G94-06-MW-02	G94-06-MW-02	103	104	104	0.707	0.966
Benzene	G94-06-MW-03	G94-06-MW-03	103	108	106	3.54	4.74
Benzene	G94-13-MW-37	G94-13-MW-37	95.0	102	98.5	4.95	7.11
Chlorobenzene	G94-01-MW-05	G94-01-MW-05	98.0	100	99.0	1.41	2.02
Chlorobenzene	G94-06-MW-02	G94-06-MW-02	101	100	101	0.707	0.995
Chlorobenzene	G94-06-MW-03	G94-06-MW-03	96.0	102	99.0	4.24	6.06
Chlorobenzene	G94-13-MW-37	G94-13-MW-37	98.0	104	101	4.24	5.94
Toluene	G94-01-MW-05	G94-01-MW-05	99.0	98.0	98.5	0.707	1.02
Toluene	G94-06-MW-02	G94-06-MW-02	101	99.0	100	1.41	2.00
Toluene	G94-06-MW-03	G94-06-MW-03	100	105	103	3.54	4.88
Toluene	G94-13-MW-37	G94-13-MW-37	92.0	97.0	94.5	3.54	5.29
Trichloroethene	G94-01-MW-05	G94-01-MW-05	96.0	96.0	96.0	0.00	0.00

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value		Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds								
Type of Duplicate : Matrix Spike Duplicate , cont.								
Trichloroethene	G94-06-MW-02	G94-06-MW-02	100		90.0	95.0	7.07	10.5
Trichloroethene	G94-06-MW-03	G94-06-MW-03	95.0		102	98.5	4.95	7.11
Trichloroethene	G94-13-MW-37	G94-13-MW-37	95.0		100	97.5	3.54	5.13
Method = SW8270 - Semivolatile Organics								
Type of Duplicate : Field Duplicate								
1,2,4-Trichlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	< 0.435	<	0.893	NC	NC	NC
1,2,4-Trichlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	< 0.620	<	0.626	NC	NC	NC
1,2,4-Trichlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	< 0.498	<	0.488	NC	NC	NC
1,2,4-Trichlorobenzene	G94-13-MW-37	G94-13-MW-37-FD	< 0.435	<	0.431	NC	NC	NC
1,2-Dichlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	< 0.608	<	0.755	NC	NC	NC
1,2-Dichlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	< 0.677	<	0.683	NC	NC	NC
1,2-Dichlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	< 0.604	<	0.592	NC	NC	NC
1,2-Dichlorobenzene	G94-13-MW-37	G94-13-MW-37-FD	< 0.608	<	0.602	NC	NC	NC
1,3-Dichlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	< 0.553	<	0.459	NC	NC	NC
1,3-Dichlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	< 0.731	<	0.738	NC	NC	NC
1,3-Dichlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	< 0.405	<	0.397	NC	NC	NC
1,3-Dichlorobenzene	G94-13-MW-37	G94-13-MW-37-FD	< 0.553	<	0.548	NC	NC	NC
1,4-Dichlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	< 0.724	<	0.719	NC	NC	NC
1,4-Dichlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	< 1.35	<	1.36	NC	NC	NC
1,4-Dichlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	< 1.59	<	1.56	NC	NC	NC
1,4-Dichlorobenzene	G94-13-MW-37	G94-13-MW-37-FD	< 0.724	<	0.717	NC	NC	NC
2,4,5-Trichlorophenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.544	<	0.716	NC	NC	NC
2,4,5-Trichlorophenol	G94-06-MW-03	G94-06-MW-03-FD	< 0.458	<	0.462	NC	NC	NC
2,4,5-Trichlorophenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.323	<	0.317	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Field Duplicate, cont.							
2,4,5-Trichlorophenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.544	< 0.539	NC	NC	NC
2,4,6-Trichlorophenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.648	< 0.515	NC	NC	NC
2,4,6-Trichlorophenol	G94-06-MW-03	G94-06-MW-03-FD	< 0.433	< 0.437	NC	NC	NC
2,4,6-Trichlorophenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.385	< 0.377	NC	NC	NC
2,4,6-Trichlorophenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.648	< 0.642	NC	NC	NC
2,4-Dichlorophenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.861	< 0.231	NC	NC	NC
2,4-Dichlorophenol	G94-06-MW-03	G94-06-MW-03-FD	< 0.674	< 0.681	NC	NC	NC
2,4-Dichlorophenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.404	< 0.396	NC	NC	NC
2,4-Dichlorophenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.861	< 0.852	NC	NC	NC
2,4-Dimethylphenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.798	< 0.900	NC	NC	NC
2,4-Dimethylphenol	G94-06-MW-03	G94-06-MW-03-FD	< 0.625	< 0.631	NC	NC	NC
2,4-Dimethylphenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.658	< 0.645	NC	NC	NC
2,4-Dimethylphenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.798	< 0.790	NC	NC	NC
2,4-Dinitrophenol	G94-05-MW-02	G94-05-MW-02-FD	< 1.11	< 2.86	NC	NC	NC
2,4-Dinitrophenol	G94-06-MW-03	G94-06-MW-03-FD	< 1.84	< 1.85	NC	NC	NC
2,4-Dinitrophenol	G94-09-MW-05	G94-09-MW-05-FD	< 1.21	< 1.19	NC	NC	NC
2,4-Dinitrophenol	G94-13-MW-37	G94-13-MW-37-FD	< 1.11	< 1.10	NC	NC	NC
2,4-Dinitrotoluene	G94-05-MW-02	G94-05-MW-02-FD	< 0.676	< 0.512	NC	NC	NC
2,4-Dinitrotoluene	G94-06-MW-03	G94-06-MW-03-FD	< 0.747	< 0.754	NC	NC	NC
2,4-Dinitrotoluene	G94-09-MW-05	G94-09-MW-05-FD	< 0.317	< 0.311	NC	NC	NC
2,4-Dinitrotoluene	G94-13-MW-37	G94-13-MW-37-FD	< 0.676	< 0.670	NC	NC	NC
2,6-Dinitrotoluene	G94-05-MW-02	G94-05-MW-02-FD	< 0.737	< 0.807	NC	NC	NC
2,6-Dinitrotoluene	G94-06-MW-03	G94-06-MW-03-FD	< 0.723	< 0.730	NC	NC	NC
2,6-Dinitrotoluene	G94-09-MW-05	G94-09-MW-05-FD	< 0.618	< 0.606	NC	NC	NC
2,6-Dinitrotoluene	G94-13-MW-37	G94-13-MW-37-FD	< 0.737	< 0.730	NC	NC	NC
2-Chloronaphthalene	G94-05-MW-02	G94-05-MW-02-FD	< 0.650	< 1.17	NC	NC	NC
2-Chloronaphthalene	G94-06-MW-03	G94-06-MW-03-FD	< 0.925	< 0.934	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Field Duplicate, cont.							
2-Chloronaphthalene	G94-09-MW-05	G94-09-MW-05-FD	< 0.797	< 0.781	NC	NC	NC
2-Chloronaphthalene	G94-13-MW-37	G94-13-MW-37-FD	< 0.650	< 0.644	NC	NC	NC
2-Chlorophenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.560	< 0.691	NC	NC	NC
2-Chlorophenol	G94-06-MW-03	G94-06-MW-03-FD	< 0.612	< 0.618	NC	NC	NC
2-Chlorophenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.537	< 0.526	NC	NC	NC
2-Chlorophenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.560	< 0.554	NC	NC	NC
2-Methylnaphthalene	G94-05-MW-02	G94-05-MW-02-FD	< 0.575	< 0.744	NC	NC	NC
2-Methylnaphthalene	G94-06-MW-03	G94-06-MW-03-FD	< 1.12	< 1.14	NC	NC	NC
2-Methylnaphthalene	G94-09-MW-05	G94-09-MW-05-FD	< 0.811	< 0.795 (J)	NC	NC	NC
2-Methylnaphthalene	G94-13-MW-37	G94-13-MW-37-FD	< 0.575	< 0.569	NC	NC	NC
2-Methylphenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.311	< 0.649	NC	NC	NC
2-Methylphenol	G94-06-MW-03	G94-06-MW-03-FD	< 0.553	< 0.558	NC	NC	NC
2-Methylphenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.477	< 0.468	NC	NC	NC
2-Methylphenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.311	< 0.308	NC	NC	NC
2-Nitroaniline	G94-05-MW-02	G94-05-MW-02-FD	< 0.730	< 1.17	NC	NC	NC
2-Nitroaniline	G94-06-MW-03	G94-06-MW-03-FD	< 0.719	< 0.726	NC	NC	NC
2-Nitroaniline	G94-09-MW-05	G94-09-MW-05-FD	< 0.515	< 0.505	NC	NC	NC
2-Nitroaniline	G94-13-MW-37	G94-13-MW-37-FD	< 0.730	< 0.723	NC	NC	NC
2-Nitrophenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.733	< 0.705	NC	NC	NC
2-Nitrophenol	G94-06-MW-03	G94-06-MW-03-FD	< 1.04	< 1.05	NC	NC	NC
2-Nitrophenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.773	< 0.758	NC	NC	NC
2-Nitrophenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.733	< 0.726	NC	NC	NC
3,3'-Dichlorobenzidine	G94-05-MW-02	G94-05-MW-02-FD	< 0.885	< 0.550	NC	NC	NC
3,3'-Dichlorobenzidine	G94-06-MW-03	G94-06-MW-03-FD	< 0.688	< 0.695	NC	NC	NC
3,3'-Dichlorobenzidine	G94-09-MW-05	G94-09-MW-05-FD	< 3.70	< 3.63	NC	NC	NC
3,3'-Dichlorobenzidine	G94-13-MW-37	G94-13-MW-37-FD	< 0.885	< 0.877	NC	NC	NC
3-Nitroaniline	G94-05-MW-02	G94-05-MW-02-FD	< 0.771	< 0.878	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Field Duplicate, cont.							
3-Nitroaniline	G94-06-MW-03	G94-06-MW-03-FD	< 0.860	< 0.868	NC	NC	NC
3-Nitroaniline	G94-09-MW-05	G94-09-MW-05-FD	< 0.511	< 0.501	NC	NC	NC
3-Nitroaniline	G94-13-MW-37	G94-13-MW-37-FD	< 0.771	< 0.763	NC	NC	NC
4,6-Dinitro-2-methylphenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.972	< 0.996	NC	NC	NC
4,6-Dinitro-2-methylphenol	G94-06-MW-03	G94-06-MW-03-FD	< 0.439	< 0.444	NC	NC	NC
4,6-Dinitro-2-methylphenol	G94-09-MW-05	G94-09-MW-05-FD	< 2.89	< 2.83	NC	NC	NC
4,6-Dinitro-2-methylphenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.972	< 0.962	NC	NC	NC
4-Bromophenyl phenyl ether	G94-05-MW-02	G94-05-MW-02-FD	< 0.415	< 0.899	NC	NC	NC
4-Bromophenyl phenyl ether	G94-06-MW-03	G94-06-MW-03-FD	< 0.723	< 0.730	NC	NC	NC
4-Bromophenyl phenyl ether	G94-09-MW-05	G94-09-MW-05-FD	< 0.288	< 0.282	NC	NC	NC
4-Bromophenyl phenyl ether	G94-13-MW-37	G94-13-MW-37-FD	< 0.415	< 0.411	NC	NC	NC
4-Chloro-3-methylphenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.396	< 0.679	NC	NC	NC
4-Chloro-3-methylphenol	G94-06-MW-03	G94-06-MW-03-FD	< 0.601	< 0.607	NC	NC	NC
4-Chloro-3-methylphenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.380	< 0.373	NC	NC	NC
4-Chloro-3-methylphenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.396	< 0.392	NC	NC	NC
4-Chlorophenyl phenyl ether	G94-05-MW-02	G94-05-MW-02-FD	< 0.463	< 0.586	NC	NC	NC
4-Chlorophenyl phenyl ether	G94-06-MW-03	G94-06-MW-03-FD	< 0.863	< 0.872	NC	NC	NC
4-Chlorophenyl phenyl ether	G94-09-MW-05	G94-09-MW-05-FD	< 0.451	< 0.442	NC	NC	NC
4-Chlorophenyl phenyl ether	G94-13-MW-37	G94-13-MW-37-FD	< 0.463	< 0.458	NC	NC	NC
4-Methylphenol/3-Methylphenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.361	< 0.447	NC	NC	NC
4-Methylphenol/3-Methylphenol	G94-06-MW-03	G94-06-MW-03-FD	< 0.826	< 0.834	NC	NC	NC
4-Methylphenol/3-Methylphenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.442	< 0.433	NC	NC	NC
4-Methylphenol/3-Methylphenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.361	< 0.357	NC	NC	NC
4-Nitroaniline	G94-05-MW-02	G94-05-MW-02-FD	< 1.08	< 1.11	NC	NC	NC
4-Nitroaniline	G94-06-MW-03	G94-06-MW-03-FD	< 0.553	< 0.558	NC	NC	NC
4-Nitroaniline	G94-09-MW-05	G94-09-MW-05-FD	< 0.621	< 0.609	NC	NC	NC
4-Nitroaniline	G94-13-MW-37	G94-13-MW-37-FD	< 1.08	< 1.07	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Field Duplicate, cont.							
4-Nitrophenol	G94-05-MW-02	G94-05-MW-02-FD	< 1.15	< 2.85	NC	NC	NC
4-Nitrophenol	G94-06-MW-03	G94-06-MW-03-FD	< 1.11	< 1.12	NC	NC	NC
4-Nitrophenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.761	< 0.746	NC	NC	NC
4-Nitrophenol	G94-13-MW-37	G94-13-MW-37-FD	< 1.15	< 1.14	NC	NC	NC
Acenaphthene	G94-05-MW-02	G94-05-MW-02-FD	< 0.632	< 0.742	NC	NC	NC
Acenaphthene	G94-06-MW-03	G94-06-MW-03-FD	< 0.643	< 0.650	NC	NC	NC
Acenaphthene	G94-09-MW-05	G94-09-MW-05-FD	< 0.604	< 0.592	NC	NC	NC
Acenaphthene	G94-13-MW-37	G94-13-MW-37-FD	< 0.632	< 0.626	NC	NC	NC
Acenaphthylene	G94-05-MW-02	G94-05-MW-02-FD	< 0.626	< 0.647	NC	NC	NC
Acenaphthylene	G94-06-MW-03	G94-06-MW-03-FD	< 0.438	< 0.443	NC	NC	NC
Acenaphthylene	G94-09-MW-05	G94-09-MW-05-FD	< 0.616	< 0.604	NC	NC	NC
Acenaphthylene	G94-13-MW-37	G94-13-MW-37-FD	< 0.626	< 0.620	NC	NC	NC
Anthracene	G94-05-MW-02	G94-05-MW-02-FD	< 0.755	< 0.600	NC	NC	NC
Anthracene	G94-06-MW-03	G94-06-MW-03-FD	< 0.442	< 0.447	NC	NC	NC
Anthracene	G94-09-MW-05	G94-09-MW-05-FD	< 0.664	< 0.651	NC	NC	NC
Anthracene	G94-13-MW-37	G94-13-MW-37-FD	< 0.755	< 0.748	NC	NC	NC
Benzo(a)anthracene	G94-05-MW-02	G94-05-MW-02-FD	< 0.588	< 0.562	NC	NC	NC
Benzo(a)anthracene	G94-06-MW-03	G94-06-MW-03-FD	< 0.491	< 0.496	NC	NC	NC
Benzo(a)anthracene	G94-09-MW-05	G94-09-MW-05-FD	< 0.728	< 0.714	NC	NC	NC
Benzo(a)anthracene	G94-13-MW-37	G94-13-MW-37-FD	< 0.588	< 0.583	NC	NC	NC
Benzo(a)pyrene	G94-05-MW-02	G94-05-MW-02-FD	< 0.786	< 0.710	NC	NC	NC
Benzo(a)pyrene	G94-06-MW-03	G94-06-MW-03-FD	< 0.656	< 0.662	NC	NC	NC
Benzo(a)pyrene	G94-09-MW-05	G94-09-MW-05-FD	< 0.661	< 0.648	NC	NC	NC
Benzo(a)pyrene	G94-13-MW-37	G94-13-MW-37-FD	< 0.786	< 0.779	NC	NC	NC
Benzo(b)fluoranthene	G94-05-MW-02	G94-05-MW-02-FD	< 1.04	< 0.717	NC	NC	NC
Benzo(b)fluoranthene	G94-06-MW-03	G94-06-MW-03-FD	< 0.738	< 0.746	NC	NC	NC
Benzo(b)fluoranthene	G94-09-MW-05	G94-09-MW-05-FD	< 0.649	< 0.636	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Field Duplicate, cont.							
Benzo(b)fluoranthene	G94-13-MW-37	G94-13-MW-37-FD	< 1.04	< 1.03	NC	NC	NC
Benzo(g,h,i)perylene	G94-05-MW-02	G94-05-MW-02-FD	< 1.12	< 0.691	NC	NC	NC
Benzo(g,h,i)perylene	G94-06-MW-03	G94-06-MW-03-FD	< 0.658	< 0.664	NC	NC	NC
Benzo(g,h,i)perylene	G94-09-MW-05	G94-09-MW-05-FD	< 0.702	< 0.688	NC	NC	NC
Benzo(g,h,i)perylene	G94-13-MW-37	G94-13-MW-37-FD	< 1.12	< 1.11	NC	NC	NC
Benzo(k)fluoranthene	G94-05-MW-02	G94-05-MW-02-FD	< 1.09	< 0.902	NC	NC	NC
Benzo(k)fluoranthene	G94-06-MW-03	G94-06-MW-03-FD	< 1.07	< 1.08	NC	NC	NC
Benzo(k)fluoranthene	G94-09-MW-05	G94-09-MW-05-FD	< 0.945	< 0.926	NC	NC	NC
Benzo(k)fluoranthene	G94-13-MW-37	G94-13-MW-37-FD	< 1.09	< 1.08	NC	NC	NC
Benzoic acid	G94-05-MW-02	G94-05-MW-02-FD	< 25.8 (J)	< 6.15	NC	NC	NC
Benzoic acid	G94-06-MW-03	G94-06-MW-03-FD	< 2.99	< 3.02	NC	NC	NC
Benzoic acid	G94-09-MW-05	G94-09-MW-05-FD	< 6.03	< 5.91	NC	NC	NC
Benzoic acid	G94-13-MW-37	G94-13-MW-37-FD	< 25.8	< 25.5	NC	NC	NC
Benzyl alcohol	G94-05-MW-02	G94-05-MW-02-FD	< 0.532	< 0.620	NC	NC	NC
Benzyl alcohol	G94-06-MW-03	G94-06-MW-03-FD	< 0.671	< 0.678	NC	NC	NC
Benzyl alcohol	G94-09-MW-05	G94-09-MW-05-FD	< 0.428	< 0.420	NC	NC	NC
Benzyl alcohol	G94-13-MW-37	G94-13-MW-37-FD	< 0.532	< 0.527	NC	NC	NC
Butylbenzylphthalate	G94-05-MW-02	G94-05-MW-02-FD	< 1.80	< 1.81	NC	NC	NC
Butylbenzylphthalate	G94-06-MW-03	G94-06-MW-03-FD	< 0.862	< 0.870	NC	NC	NC
Butylbenzylphthalate	G94-09-MW-05	G94-09-MW-05-FD	< 0.474	< 0.465	NC	NC	NC
Butylbenzylphthalate	G94-13-MW-37	G94-13-MW-37-FD	< 1.80	< 1.79	NC	NC	NC
Chrysene	G94-05-MW-02	G94-05-MW-02-FD	< 0.980	< 0.744	NC	NC	NC
Chrysene	G94-06-MW-03	G94-06-MW-03-FD	< 0.594	< 0.600	NC	NC	NC
Chrysene	G94-09-MW-05	G94-09-MW-05-FD	< 0.737	< 0.723	NC	NC	NC
Chrysene	G94-13-MW-37	G94-13-MW-37-FD	< 0.980	< 0.971	NC	NC	NC
Di-n-octylphthalate	G94-05-MW-02	G94-05-MW-02-FD	< 0.510	< 0.814	NC	NC	NC
Di-n-octylphthalate	G94-06-MW-03	G94-06-MW-03-FD	< 0.647	< 0.653	NC	NC	NC

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NC = Not Calculable () = Data Flag

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Field Duplicate, cont.							
Di-n-octylphthalate	G94-09-MW-05	G94-09-MW-05-FD	< 0.646	< 0.633	NC	NC	NC
Di-n-octylphthalate	G94-13-MW-37	G94-13-MW-37-FD	< 0.510	< 0.505	NC	NC	NC
Dibenz(a,h)anthracene	G94-05-MW-02	G94-05-MW-02-FD	< 0.990	< 0.747	NC	NC	NC
Dibenz(a,h)anthracene	G94-06-MW-03	G94-06-MW-03-FD	< 0.701	< 0.708	NC	NC	NC
Dibenz(a,h)anthracene	G94-09-MW-05	G94-09-MW-05-FD	< 0.810	< 0.794	NC	NC	NC
Dibenz(a,h)anthracene	G94-13-MW-37	G94-13-MW-37-FD	< 0.990	< 0.981	NC	NC	NC
Dibenzofuran	G94-05-MW-02	G94-05-MW-02-FD	< 0.548	< 0.567	NC	NC	NC
Dibenzofuran	G94-06-MW-03	G94-06-MW-03-FD	< 0.514	< 0.519	NC	NC	NC
Dibenzofuran	G94-09-MW-05	G94-09-MW-05-FD	< 0.608	< 0.596	NC	NC	NC
Dibenzofuran	G94-13-MW-37	G94-13-MW-37-FD	< 0.548	< 0.543	NC	NC	NC
Dibutylphthalate	G94-05-MW-02	G94-05-MW-02-FD	< 0.489	< 0.594	NC	NC	NC
Dibutylphthalate	G94-06-MW-03	G94-06-MW-03-FD	< 0.330	< 0.333	NC	NC	NC
Dibutylphthalate	G94-09-MW-05	G94-09-MW-05-FD	< 0.475	< 0.466	NC	NC	NC
Dibutylphthalate	G94-13-MW-37	G94-13-MW-37-FD	< 0.489	< 0.484	NC	NC	NC
Diethylphthalate	G94-05-MW-02	G94-05-MW-02-FD	< 0.251	< 0.389	NC	NC	NC
Diethylphthalate	G94-06-MW-03	G94-06-MW-03-FD	< 0.286	< 0.288	NC	NC	NC
Diethylphthalate	G94-09-MW-05	G94-09-MW-05-FD	< 0.649	< 0.636	NC	NC	NC
Diethylphthalate	G94-13-MW-37	G94-13-MW-37-FD	< 0.251	< 0.249	NC	NC	NC
Dimethylphthalate	G94-05-MW-02	G94-05-MW-02-FD	< 0.443	< 0.406	NC	NC	NC
Dimethylphthalate	G94-06-MW-03	G94-06-MW-03-FD	< 0.427	< 0.431	NC	NC	NC
Dimethylphthalate	G94-09-MW-05	G94-09-MW-05-FD	< 0.405	< 0.397	NC	NC	NC
Dimethylphthalate	G94-13-MW-37	G94-13-MW-37-FD	< 0.443	< 0.439	NC	NC	NC
Diphenylamine	G94-05-MW-02	G94-05-MW-02-FD	< 0.890	< 0.945	NC	NC	NC
Diphenylamine	G94-06-MW-03	G94-06-MW-03-FD	< 0.633	< 0.639	NC	NC	NC
Diphenylamine	G94-09-MW-05	G94-09-MW-05-FD	< 0.649	< 0.636	NC	NC	NC
Diphenylamine	G94-13-MW-37	G94-13-MW-37-FD	< 0.890	< 0.882	NC	NC	NC
Fluoranthene	G94-05-MW-02	G94-05-MW-02-FD	< 0.583	< 0.640	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Field Duplicate, cont.							
Fluoranthene	G94-06-MW-03	G94-06-MW-03-FD	< 0.660	< 0.666	NC	NC	NC
Fluoranthene	G94-09-MW-05	G94-09-MW-05-FD	< 0.672	< 0.659	NC	NC	NC
Fluoranthene	G94-13-MW-37	G94-13-MW-37-FD	< 0.583	< 0.578	NC	NC	NC
Fluorene	G94-05-MW-02	G94-05-MW-02-FD	< 0.454	< 0.531	NC	NC	NC
Fluorene	G94-06-MW-03	G94-06-MW-03-FD	< 0.611	< 0.617	NC	NC	NC
Fluorene	G94-09-MW-05	G94-09-MW-05-FD	< 0.710	< 0.696	NC	NC	NC
Fluorene	G94-13-MW-37	G94-13-MW-37-FD	< 0.454	< 0.450	NC	NC	NC
Hexachlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	< 0.545	< 0.719	NC	NC	NC
Hexachlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	< 1.45	< 1.47	NC	NC	NC
Hexachlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	< 0.537	< 0.526	NC	NC	NC
Hexachlorobenzene	G94-13-MW-37	G94-13-MW-37-FD	< 0.545	< 0.540	NC	NC	NC
Hexachlorobutadiene	G94-05-MW-02	G94-05-MW-02-FD	< 1.02	< 0.752	NC	NC	NC
Hexachlorobutadiene	G94-06-MW-03	G94-06-MW-03-FD	< 0.945	< 0.954	NC	NC	NC
Hexachlorobutadiene	G94-09-MW-05	G94-09-MW-05-FD	< 0.714	< 0.700	NC	NC	NC
Hexachlorobutadiene	G94-13-MW-37	G94-13-MW-37-FD	< 1.02	< 1.01	NC	NC	NC
Hexachlorocyclopentadiene	G94-05-MW-02	G94-05-MW-02-FD	< 1.18	< 2.17	NC	NC	NC
Hexachlorocyclopentadiene	G94-06-MW-03	G94-06-MW-03-FD	< 0.817	< 0.825	NC	NC	NC
Hexachlorocyclopentadiene	G94-09-MW-05	G94-09-MW-05-FD	< 1.98	< 1.94	NC	NC	NC
Hexachlorocyclopentadiene	G94-13-MW-37	G94-13-MW-37-FD	< 1.18	< 1.17	NC	NC	NC
Hexachloroethane	G94-05-MW-02	G94-05-MW-02-FD	< 0.546	< 0.860	NC	NC	NC
Hexachloroethane	G94-06-MW-03	G94-06-MW-03-FD	< 5.35	< 5.40	NC	NC	NC
Hexachloroethane	G94-09-MW-05	G94-09-MW-05-FD	< 1.79	< 1.75	NC	NC	NC
Hexachloroethane	G94-13-MW-37	G94-13-MW-37-FD	< 0.546	< 0.541	NC	NC	NC
Indeno(1,2,3-cd)pyrene	G94-05-MW-02	G94-05-MW-02-FD	< 0.874	< 0.542	NC	NC	NC
Indeno(1,2,3-cd)pyrene	G94-06-MW-03	G94-06-MW-03-FD	< 0.513	< 0.518	NC	NC	NC
Indeno(1,2,3-cd)pyrene	G94-09-MW-05	G94-09-MW-05-FD	< 0.763	< 0.748	NC	NC	NC
Indeno(1,2,3-cd)pyrene	G94-13-MW-37	G94-13-MW-37-FD	< 0.874	< 0.865	NC	NC	NC

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Field Duplicate, cont.							
Isophorone	G94-05-MW-02	G94-05-MW-02-FD	< 0.320	< 0.781	NC	NC	NC
Isophorone	G94-06-MW-03	G94-06-MW-03-FD	< 0.527	< 0.532	NC	NC	NC
Isophorone	G94-09-MW-05	G94-09-MW-05-FD	< 0.340	< 0.333	NC	NC	NC
Isophorone	G94-13-MW-37	G94-13-MW-37-FD	< 0.320	< 0.317	NC	NC	NC
N-Nitroso-di-n-propylamine	G94-05-MW-02	G94-05-MW-02-FD	< 0.610	< 0.440	NC	NC	NC
N-Nitroso-di-n-propylamine	G94-06-MW-03	G94-06-MW-03-FD	< 0.773	< 0.781	NC	NC	NC
N-Nitroso-di-n-propylamine	G94-09-MW-05	G94-09-MW-05-FD	< 0.567	< 0.556	NC	NC	NC
N-Nitroso-di-n-propylamine	G94-13-MW-37	G94-13-MW-37-FD	< 0.610	< 0.604	NC	NC	NC
Naphthalene	G94-05-MW-02	G94-05-MW-02-FD	< 0.764	< 0.647	NC	NC	NC
Naphthalene	G94-06-MW-03	G94-06-MW-03-FD	< 0.796	< 0.804	NC	NC	NC
Naphthalene	G94-09-MW-05	G94-09-MW-05-FD	< 0.719	< 0.705	NC	NC	NC
Naphthalene	G94-13-MW-37	G94-13-MW-37-FD	< 0.764	< 0.756	NC	NC	NC
Nitrobenzene	G94-05-MW-02	G94-05-MW-02-FD	< 0.434	< 1.16	NC	NC	NC
Nitrobenzene	G94-06-MW-03	G94-06-MW-03-FD	< 0.809	< 0.817	NC	NC	NC
Nitrobenzene	G94-09-MW-05	G94-09-MW-05-FD	< 0.544	< 0.533	NC	NC	NC
Nitrobenzene	G94-13-MW-37	G94-13-MW-37-FD	< 0.434	< 0.430	NC	NC	NC
Pentachlorophenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.942	< 1.08	NC	NC	NC
Pentachlorophenol	G94-06-MW-03	G94-06-MW-03-FD	< 0.623	< 0.629	NC	NC	NC
Pentachlorophenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.486	< 0.476	NC	NC	NC
Pentachlorophenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.942	< 0.933	NC	NC	NC
Phenanthrene	G94-05-MW-02	G94-05-MW-02-FD	< 0.653	< 0.831	NC	NC	NC
Phenanthrene	G94-06-MW-03	G94-06-MW-03-FD	< 0.610	< 0.616	NC	NC	NC
Phenanthrene	G94-09-MW-05	G94-09-MW-05-FD	< 0.617	< 0.605	NC	NC	NC
Phenanthrene	G94-13-MW-37	G94-13-MW-37-FD	< 0.653	< 0.647	NC	NC	NC
Phenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.369	< 0.340	NC	NC	NC
Phenol	G94-06-MW-03	G94-06-MW-03-FD	< 0.680	< 0.686	NC	NC	NC
Phenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.429	< 0.421	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Field Duplicate, cont.							
Phenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.369	< 0.365	NC	NC	NC
Pyrene	G94-05-MW-02	G94-05-MW-02-FD	< 0.700	< 0.455	NC	NC	NC
Pyrene	G94-06-MW-03	G94-06-MW-03-FD	< 0.783	< 0.790	NC	NC	NC
Pyrene	G94-09-MW-05	G94-09-MW-05-FD	< 0.798	< 0.782	NC	NC	NC
Pyrene	G94-13-MW-37	G94-13-MW-37-FD	< 0.700	< 0.693	NC	NC	NC
bis(2-Chloroethoxy)methane	G94-05-MW-02	G94-05-MW-02-FD	< 0.625	< 0.855	NC	NC	NC
bis(2-Chloroethoxy)methane	G94-06-MW-03	G94-06-MW-03-FD	< 0.647	< 0.653	NC	NC	NC
bis(2-Chloroethoxy)methane	G94-09-MW-05	G94-09-MW-05-FD	< 0.546	< 0.535	NC	NC	NC
bis(2-Chloroethoxy)methane	G94-13-MW-37	G94-13-MW-37-FD	< 0.625	< 0.619	NC	NC	NC
bis(2-Chloroethyl)ether	G94-05-MW-02	G94-05-MW-02-FD	< 0.482	< 0.943	NC	NC	NC
bis(2-Chloroethyl)ether	G94-06-MW-03	G94-06-MW-03-FD	< 0.644	< 0.650	NC	NC	NC
bis(2-Chloroethyl)ether	G94-09-MW-05	G94-09-MW-05-FD	< 0.595	< 0.583	NC	NC	NC
bis(2-Chloroethyl)ether	G94-13-MW-37	G94-13-MW-37-FD	< 0.482	< 0.478	NC	NC	NC
bis(2-Chloroisopropyl)ether	G94-05-MW-02	G94-05-MW-02-FD	< 0.438	< 1.16	NC	NC	NC
bis(2-Chloroisopropyl)ether	G94-06-MW-03	G94-06-MW-03-FD	< 1.07	< 1.08	NC	NC	NC
bis(2-Chloroisopropyl)ether	G94-09-MW-05	G94-09-MW-05-FD	< 0.555	< 0.544	NC	NC	NC
bis(2-Chloroisopropyl)ether	G94-13-MW-37	G94-13-MW-37-FD	< 0.438	< 0.434	NC	NC	NC
bis(2-Ethylhexyl)phthalate	G94-05-MW-02	G94-05-MW-02-FD	< 2.63	< 1.52	NC	NC	NC
bis(2-Ethylhexyl)phthalate	G94-06-MW-03	G94-06-MW-03-FD	< 0.808	< 0.816	NC	NC	NC
bis(2-Ethylhexyl)phthalate	G94-09-MW-05	G94-09-MW-05-FD	4.18	3.70	3.94	0.339	12.2
bis(2-Ethylhexyl)phthalate	G94-13-MW-37	G94-13-MW-37-FD	< 2.63	< 2.60	NC	NC	NC
p-Chloroaniline	G94-05-MW-02	G94-05-MW-02-FD	< 0.929	< 0.907	NC	NC	NC
p-Chloroaniline	G94-06-MW-03	G94-06-MW-03-FD	< 0.971	< 0.981	NC	NC	NC
p-Chloroaniline	G94-09-MW-05	G94-09-MW-05-FD	< 0.898	< 0.880	NC	NC	NC
p-Chloroaniline	G94-13-MW-37	G94-13-MW-37-FD	< 0.929	< 0.920	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate							
1,2,4-Trichlorobenzene	LCS946174	LCSD946174	104	102	103	1.41	1.94
1,2,4-Trichlorobenzene	LCS946355	LCSD946355	101	104	103	2.12	2.93
1,2,4-Trichlorobenzene	LCS946381	LCSD946381	102	99.0	101	2.12	2.99
1,2,4-Trichlorobenzene	LCS946427	LCSD946427	97.0	93.0	95.0	2.83	4.21
1,2,4-Trichlorobenzene	LCS946438	LCSD946438	108	113	111	3.54	4.52
1,2,4-Trichlorobenzene	LCS946458	LCSD946458	98.0	99.0	98.5	0.707	1.02
1,2,4-Trichlorobenzene	LCS946511	LCSD946511	91.0	89.0	90.0	1.41	2.22
1,2,4-Trichlorobenzene	LCS946511	LCSD946511	97.0	94.0	95.5	2.12	3.14
1,2-Dichlorobenzene	LCS946174	LCSD946174	100	100	100	0.00	0.00
1,2-Dichlorobenzene	LCS946355	LCSD946355	94.0	96.0	95.0	1.41	2.11
1,2-Dichlorobenzene	LCS946381	LCSD946381	92.0	91.0	91.5	0.707	1.09
1,2-Dichlorobenzene	LCS946427	LCSD946427	102	95.0	98.5	4.95	7.11
1,2-Dichlorobenzene	LCS946438	LCSD946438	100	106	103	4.24	5.83
1,2-Dichlorobenzene	LCS946458	LCSD946458	90.0	92.0	91.0	1.41	2.20
1,2-Dichlorobenzene	LCS946511	LCSD946511	97.0	92.0	94.5	3.54	5.29
1,2-Dichlorobenzene	LCS946511	LCSD946511	98.0	95.0	96.5	2.12	3.11
1,3-Dichlorobenzene	LCS946174	LCSD946174	99.0	100	99.5	0.707	1.01
1,3-Dichlorobenzene	LCS946355	LCSD946355	93.0	95.0	94.0	1.41	2.13
1,3-Dichlorobenzene	LCS946381	LCSD946381	92.0	90.0	91.0	1.41	2.20
1,3-Dichlorobenzene	LCS946427	LCSD946427	100	91.0	95.5	6.36	9.42
1,3-Dichlorobenzene	LCS946438	LCSD946438	100	105	103	3.54	4.88
1,3-Dichlorobenzene	LCS946458	LCSD946458	91.0	91.0	91.0	0.00	0.00
1,3-Dichlorobenzene	LCS946511	LCSD946511	95.0	91.0	93.0	2.83	4.30
1,3-Dichlorobenzene	LCS946511	LCSD946511	97.0	90.0	93.5	4.95	7.49
1,4-Dichlorobenzene	LCS946174	LCSD946174	100	98.0	99.0	1.41	2.02
1,4-Dichlorobenzene	LCS946355	LCSD946355	89.0	91.0	90.0	1.41	2.22
1,4-Dichlorobenzene	LCS946381	LCSD946381	88.0	86.0	87.0	1.41	2.30

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
1,4-Dichlorobenzene	LCS946427	LCSD946427	95.0	90.0	92.5	3.54	5.41
1,4-Dichlorobenzene	LCS946438	LCSD946438	95.0	100	97.5	3.54	5.13
1,4-Dichlorobenzene	LCS946458	LCSD946458	85.0	86.0	85.5	0.707	1.17
1,4-Dichlorobenzene	LCS946511	LCSD946511	93.0	89.0	91.0	2.83	4.40
1,4-Dichlorobenzene	LCS946511	LCSD946511	91.0	87.0	89.0	2.83	4.49
2,4,5-Trichlorophenol	LCS946174	LCSD946174	103	102	103	0.707	0.976
2,4,5-Trichlorophenol	LCS946355	LCSD946355	103	107	105	2.83	3.81
2,4,5-Trichlorophenol	LCS946381	LCSD946381	105	105	105	0.00	0.00
2,4,5-Trichlorophenol	LCS946427	LCSD946427	96.0	83.0	89.5	9.19	14.5
2,4,5-Trichlorophenol	LCS946438	LCSD946438	105	102	104	2.12	2.90
2,4,5-Trichlorophenol	LCS946458	LCSD946458	99.0	97.0	98.0	1.41	2.04
2,4,5-Trichlorophenol	LCS946511	LCSD946511	90.0	95.0	92.5	3.54	5.41
2,4,5-Trichlorophenol	LCS946511	LCSD946511	94.0	93.0	93.5	0.707	1.07
2,4,6-Trichlorophenol	LCS946174	LCSD946174	86.0	81.0	83.5	3.54	5.99
2,4,6-Trichlorophenol	LCS946355	LCSD946355	82.0	88.0	85.0	4.24	7.06
2,4,6-Trichlorophenol	LCS946381	LCSD946381	87.0	86.0	86.5	0.707	1.16
2,4,6-Trichlorophenol	LCS946427	LCSD946427	80.0	72.0	76.0	5.66	10.5
2,4,6-Trichlorophenol	LCS946438	LCSD946438	86.0	85.0	85.5	0.707	1.17
2,4,6-Trichlorophenol	LCS946458	LCSD946458	81.0	80.0	80.5	0.707	1.24
2,4,6-Trichlorophenol	LCS946511	LCSD946511	76.0	78.0	77.0	1.41	2.60
2,4,6-Trichlorophenol	LCS946511	LCSD946511	77.0	80.0	78.5	2.12	3.82
2,4-Dichlorophenol	LCS946174	LCSD946174	99.0	98.0	98.5	0.707	1.02
2,4-Dichlorophenol	LCS946355	LCSD946355	99.0	104	102	3.54	4.93
2,4-Dichlorophenol	LCS946381	LCSD946381	99.0	98.0	98.5	0.707	1.02
2,4-Dichlorophenol	LCS946427	LCSD946427	89.0	87.0	88.0	1.41	2.27
2,4-Dichlorophenol	LCS946438	LCSD946438	97.0	99.0	98.0	1.41	2.04
2,4-Dichlorophenol	LCS946458	LCSD946458	94.0	92.0	93.0	1.41	2.15

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
2,4-Dichlorophenol	LCS946511	LCSD946511	93.0	89.0	91.0	2.83	4.40
2,4-Dichlorophenol	LCS946511	LCSD946511	85.0	86.0	85.5	0.707	1.17
2,4-Dimethylphenol	LCS946174	LCSD946174	66.0	65.0	65.5	0.707	1.53
2,4-Dimethylphenol	LCS946355	LCSD946355	67.0	70.0	68.5	2.12	4.38
2,4-Dimethylphenol	LCS946381	LCSD946381	90.0	93.0	91.5	2.12	3.28
2,4-Dimethylphenol	LCS946427	LCSD946427	73.0	66.0	69.5	4.95	10.1
2,4-Dimethylphenol	LCS946438	LCSD946438	91.0	95.0	93.0	2.83	4.30
2,4-Dimethylphenol	LCS946458	LCSD946458	66.0	66.0	66.0	0.00	0.00
2,4-Dimethylphenol	LCS946511	LCSD946511	81.0	80.0	80.5	0.707	1.24
2,4-Dimethylphenol	LCS946511	LCSD946511	80.0	83.0	81.5	2.12	3.68
2,4-Dinitrophenol	LCS946174	LCSD946174	129	131	130	1.41	1.54
2,4-Dinitrophenol	LCS946355	LCSD946355	139	147	143	5.66	5.59
2,4-Dinitrophenol	LCS946381	LCSD946381	139	140	140	0.707	0.717
2,4-Dinitrophenol	LCS946427	LCSD946427	127	112	120	10.6	12.6
2,4-Dinitrophenol	LCS946438	LCSD946438	149	142	146	4.95	4.81
2,4-Dinitrophenol	LCS946458	LCSD946458	148	143	146	3.54	3.44
2,4-Dinitrophenol	LCS946511	LCSD946511	123	130	127	4.95	5.53
2,4-Dinitrophenol	LCS946511	LCSD946511	126	133	130	4.95	5.41
2,4-Dinitrotoluene	LCS946174	LCSD946174	102	99.0	101	2.12	2.99
2,4-Dinitrotoluene	LCS946355	LCSD946355	100	105	103	3.54	4.88
2,4-Dinitrotoluene	LCS946381	LCSD946381	110	104	107	4.24	5.61
2,4-Dinitrotoluene	LCS946427	LCSD946427	99.0	88.0	93.5	7.78	11.8
2,4-Dinitrotoluene	LCS946438	LCSD946438	122	121	122	0.707	0.823
2,4-Dinitrotoluene	LCS946458	LCSD946458	107	105	106	1.41	1.89
2,4-Dinitrotoluene	LCS946511	LCSD946511	92.0	95.0	93.5	2.12	3.21
2,4-Dinitrotoluene	LCS946511	LCSD946511	89.0	93.0	91.0	2.83	4.40
2,6-Dinitrotoluene	LCS946174	LCSD946174	115	110	113	3.54	4.44

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
2,6-Dinitrotoluene	LCS946355	LCSD946355	105	109	107	2.83	3.74
2,6-Dinitrotoluene	LCS946381	LCSD946381	116	112	114	2.83	3.51
2,6-Dinitrotoluene	LCS946427	LCSD946427	114	101	108	9.19	12.1
2,6-Dinitrotoluene	LCS946438	LCSD946438	130	128	129	1.41	1.55
2,6-Dinitrotoluene	LCS946458	LCSD946458	113	113	113	0.00	0.00
2,6-Dinitrotoluene	LCS946511	LCSD946511	103	108	106	3.54	4.74
2,6-Dinitrotoluene	LCS946511	LCSD946511	103	108	106	3.54	4.74
2-Chloronaphthalene	LCS946174	LCSD946174	93.0	90.0	91.5	2.12	3.28
2-Chloronaphthalene	LCS946355	LCSD946355	82.0	86.0	84.0	2.83	4.76
2-Chloronaphthalene	LCS946381	LCSD946381	86.0	84.0	85.0	1.41	2.35
2-Chloronaphthalene	LCS946427	LCSD946427	94.0	84.0	89.0	7.07	11.2
2-Chloronaphthalene	LCS946438	LCSD946438	95.0	94.0	94.5	0.707	1.06
2-Chloronaphthalene	LCS946458	LCSD946458	84.0	84.0	84.0	0.00	0.00
2-Chloronaphthalene	LCS946511	LCSD946511	88.0	90.0	89.0	1.41	2.25
2-Chloronaphthalene	LCS946511	LCSD946511	88.0	91.0	89.5	2.12	3.35
2-Chlorophenol	LCS946174	LCSD946174	99.0	99.0	99.0	0.00	0.00
2-Chlorophenol	LCS946355	LCSD946355	94.0	97.0	95.5	2.12	3.14
2-Chlorophenol	LCS946381	LCSD946381	90.0	89.0	89.5	0.707	1.12
2-Chlorophenol	LCS946427	LCSD946427	95.0	88.0	91.5	4.95	7.65
2-Chlorophenol	LCS946438	LCSD946438	91.0	94.0	92.5	2.12	3.24
2-Chlorophenol	LCS946458	LCSD946458	91.0	90.0	90.5	0.707	1.10
2-Chlorophenol	LCS946511	LCSD946511	90.0	85.0	87.5	3.54	5.71
2-Chlorophenol	LCS946511	LCSD946511	92.0	88.0	90.0	2.83	4.44
2-Methylnaphthalene	LCS946174	LCSD946174	111	109	110	1.41	1.82
2-Methylnaphthalene	LCS946355	LCSD946355	101	105	103	2.83	3.88
2-Methylnaphthalene	LCS946381	LCSD946381	104	98.0	101	4.24	5.94
2-Methylnaphthalene	LCS946427	LCSD946427	103	99.0	101	2.83	3.96

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
2-Methylnaphthalene	LCS946438	LCSD946438	108	114	111	4.24	5.41
2-Methylnaphthalene	LCS946458	LCSD946458	100	99.0	99.5	0.707	1.01
2-Methylnaphthalene	LCS946511	LCSD946511	94.0	95.0	94.5	0.707	1.06
2-Methylnaphthalene	LCS946511	LCSD946511	99.0	95.0	97.0	2.83	4.12
2-Methylphenol	LCS946174	LCSD946174	93.0	94.0	93.5	0.707	1.07
2-Methylphenol	LCS946355	LCSD946355	87.0	91.0	89.0	2.83	4.49
2-Methylphenol	LCS946381	LCSD946381	80.0	78.0	79.0	1.41	2.53
2-Methylphenol	LCS946427	LCSD946427	89.0	84.0	86.5	3.54	5.78
2-Methylphenol	LCS946438	LCSD946438	83.0	86.0	84.5	2.12	3.55
2-Methylphenol	LCS946458	LCSD946458	86.0	84.0	85.0	1.41	2.35
2-Methylphenol	LCS946511	LCSD946511	83.0	79.0	81.0	2.83	4.94
2-Methylphenol	LCS946511	LCSD946511	80.0	77.0	78.5	2.12	3.82
2-Nitroaniline	LCS946174	LCSD946174	105	99.0	102	4.24	5.88
2-Nitroaniline	LCS946355	LCSD946355	92.0	95.0	93.5	2.12	3.21
2-Nitroaniline	LCS946381	LCSD946381	100	97.0	98.5	2.12	3.05
2-Nitroaniline	LCS946427	LCSD946427	104	92.0	98.0	8.49	12.2
2-Nitroaniline	LCS946438	LCSD946438	118	115	117	2.12	2.58
2-Nitroaniline	LCS946458	LCSD946458	103	102	103	0.707	0.976
2-Nitroaniline	LCS946511	LCSD946511	96.0	98.0	97.0	1.41	2.06
2-Nitroaniline	LCS946511	LCSD946511	96.0	99.0	97.5	2.12	3.08
2-Nitrophenol	LCS946174	LCSD946174	111	108	110	2.12	2.74
2-Nitrophenol	LCS946355	LCSD946355	104	110	107	4.24	5.61
2-Nitrophenol	LCS946381	LCSD946381	108	105	107	2.12	2.82
2-Nitrophenol	LCS946427	LCSD946427	98.0	94.0	96.0	2.83	4.17
2-Nitrophenol	LCS946438	LCSD946438	109	112	111	2.12	2.71
2-Nitrophenol	LCS946458	LCSD946458	105	104	105	0.707	0.957
2-Nitrophenol	LCS946511	LCSD946511	98.0	95.0	96.5	2.12	3.11

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
2-Nitrophenol	LCS946511	LCSD946511	93.0	94.0	93.5	0.707	1.07
3,3'-Dichlorobenzidine	LCS946174	LCSD946174	152	144	148	5.66	5.41
3,3'-Dichlorobenzidine	LCS946355	LCSD946355	120	127	124	4.95	5.67
3,3'-Dichlorobenzidine	LCS946381	LCSD946381	144	140	142	2.83	2.82
3,3'-Dichlorobenzidine	LCS946427	LCSD946427	141	129	135	8.49	8.89
3,3'-Dichlorobenzidine	LCS946438	LCSD946438	160	156	158	2.83	2.53
3,3'-Dichlorobenzidine	LCS946458	LCSD946458	127	125	126	1.41	1.59
3,3'-Dichlorobenzidine	LCS946511	LCSD946511	134	137	136	2.12	2.21
3,3'-Dichlorobenzidine	LCS946511	LCSD946511	140	144	142	2.83	2.82
3-Nitroaniline	LCS946174	LCSD946174	111	105	108	4.24	5.56
3-Nitroaniline	LCS946355	LCSD946355	94.0	101	97.5	4.95	7.18
3-Nitroaniline	LCS946381	LCSD946381	110	105	108	3.54	4.65
3-Nitroaniline	LCS946427	LCSD946427	109	95.0	102	9.90	13.7
3-Nitroaniline	LCS946438	LCSD946438	122	120	121	1.41	1.65
3-Nitroaniline	LCS946458	LCSD946458	103	103	103	0.00	0.00
3-Nitroaniline	LCS946511	LCSD946511	100	106	103	4.24	5.83
3-Nitroaniline	LCS946511	LCSD946511	100	104	102	2.83	3.92
4,6-Dinitro-2-methylphenol	LCS946174	LCSD946174	129	130	130	0.707	0.772
4,6-Dinitro-2-methylphenol	LCS946355	LCSD946355	133	141	137	5.66	5.84
4,6-Dinitro-2-methylphenol	LCS946381	LCSD946381	137	141	139	2.83	2.88
4,6-Dinitro-2-methylphenol	LCS946427	LCSD946427	125	111	118	9.90	11.9
4,6-Dinitro-2-methylphenol	LCS946438	LCSD946438	145	140	143	3.54	3.51
4,6-Dinitro-2-methylphenol	LCS946458	LCSD946458	141	137	139	2.83	2.88
4,6-Dinitro-2-methylphenol	LCS946511	LCSD946511	118	117	118	0.707	0.851
4,6-Dinitro-2-methylphenol	LCS946511	LCSD946511	121	118	120	2.12	2.51
4-Bromophenyl phenyl ether	LCS946174	LCSD946174	104	104	104	0.00	0.00
4-Bromophenyl phenyl ether	LCS946355	LCSD946355	101	106	104	3.54	4.83

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
4-Bromophenyl phenyl ether	LCS946381	LCSD946381	106	106	106	0.00	0.00
4-Bromophenyl phenyl ether	LCS946427	LCSD946427	102	88.0	95.0	9.90	14.7
4-Bromophenyl phenyl ether	LCS946438	LCSD946438	114	111	113	2.12	2.67
4-Bromophenyl phenyl ether	LCS946458	LCSD946458	98.0	99.0	98.5	0.707	1.02
4-Bromophenyl phenyl ether	LCS946511	LCSD946511	94.0	94.0	94.0	0.00	0.00
4-Bromophenyl phenyl ether	LCS946511	LCSD946511	88.0	89.0	88.5	0.707	1.13
4-Chloro-3-methylphenol	LCS946174	LCSD946174	100	99.0	99.5	0.707	1.01
4-Chloro-3-methylphenol	LCS946355	LCSD946355	101	103	102	1.41	1.96
4-Chloro-3-methylphenol	LCS946381	LCSD946381	98.0	96.0	97.0	1.41	2.06
4-Chloro-3-methylphenol	LCS946427	LCSD946427	93.0	87.0	90.0	4.24	6.67
4-Chloro-3-methylphenol	LCS946438	LCSD946438	99.0	101	100	1.41	2.00
4-Chloro-3-methylphenol	LCS946458	LCSD946458	95.0	93.0	94.0	1.41	2.13
4-Chloro-3-methylphenol	LCS946511	LCSD946511	89.0	87.0	88.0	1.41	2.27
4-Chloro-3-methylphenol	LCS946511	LCSD946511	85.0	87.0	86.0	1.41	2.33
4-Chlorophenyl phenyl ether	LCS946174	LCSD946174	106	102	104	2.83	3.85
4-Chlorophenyl phenyl ether	LCS946355	LCSD946355	105	111	108	4.24	5.56
4-Chlorophenyl phenyl ether	LCS946381	LCSD946381	113	110	112	2.12	2.69
4-Chlorophenyl phenyl ether	LCS946427	LCSD946427	107	95.0	101	8.49	11.9
4-Chlorophenyl phenyl ether	LCS946438	LCSD946438	118	117	118	0.707	0.851
4-Chlorophenyl phenyl ether	LCS946458	LCSD946458	104	102	103	1.41	1.94
4-Chlorophenyl phenyl ether	LCS946511	LCSD946511	103	104	104	0.707	0.966
4-Chlorophenyl phenyl ether	LCS946511	LCSD946511	95.0	99.0	97.0	2.83	4.12
4-Methylphenol/3-Methylphenol	LCS946174	LCSD946174	97.0	98.0	97.5	0.707	1.03
4-Methylphenol/3-Methylphenol	LCS946355	LCSD946355	81.0	83.0	82.0	1.41	2.44
4-Methylphenol/3-Methylphenol	LCS946381	LCSD946381	68.0	66.0	67.0	1.41	2.99
4-Methylphenol/3-Methylphenol	LCS946427	LCSD946427	91.0	84.0	87.5	4.95	8.00
4-Methylphenol/3-Methylphenol	LCS946438	LCSD946438	70.0	73.0	71.5	2.12	4.20

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
4-Methylphenol/3-Methylphenol	LCS946458	LCSD946458	78.0	76.0	77.0	1.41	2.60
4-Methylphenol/3-Methylphenol	LCS946511	LCSD946511	76.0	74.0	75.0	1.41	2.67
4-Methylphenol/3-Methylphenol	LCS946511	LCSD946511	77.0	69.0	73.0	5.66	11.0
4-Nitroaniline	LCS946174	LCSD946174	103	97.0	100	4.24	6.00
4-Nitroaniline	LCS946355	LCSD946355	86.0	90.0	88.0	2.83	4.55
4-Nitroaniline	LCS946381	LCSD946381	104	101	103	2.12	2.93
4-Nitroaniline	LCS946427	LCSD946427	99.0	83.0	91.0	11.3	17.6
4-Nitroaniline	LCS946438	LCSD946438	115	114	115	0.707	0.873
4-Nitroaniline	LCS946458	LCSD946458	90.0	91.0	90.5	0.707	1.10
4-Nitroaniline	LCS946511	LCSD946511	93.0	98.0	95.5	3.54	5.24
4-Nitroaniline	LCS946511	LCSD946511	94.0	99.0	96.5	3.54	5.18
4-Nitrophenol	LCS946174	LCSD946174	94.0	90.0	92.0	2.83	4.35
4-Nitrophenol	LCS946355	LCSD946355	105	108	107	2.12	2.82
4-Nitrophenol	LCS946381	LCSD946381	48.0	46.0	47.0	1.41	4.26
4-Nitrophenol	LCS946427	LCSD946427	103	89.0	96.0	9.90	14.6
4-Nitrophenol	LCS946438	LCSD946438	48.0	47.0	47.5	0.707	2.11
4-Nitrophenol	LCS946458	LCSD946458	92.0	91.0	91.5	0.707	1.09
4-Nitrophenol	LCS946511	LCSD946511	47.0	48.0	47.5	0.707	2.11
4-Nitrophenol	LCS946511	LCSD946511	48.0	47.0	47.5	0.707	2.11
Acenaphthene	LCS946174	LCSD946174	99.0	95.0	97.0	2.83	4.12
Acenaphthene	LCS946355	LCSD946355	90.0	93.0	91.5	2.12	3.28
Acenaphthene	LCS946381	LCSD946381	94.0	90.0	92.0	2.83	4.35
Acenaphthene	LCS946427	LCSD946427	100	89.0	94.5	7.78	11.6
Acenaphthene	LCS946438	LCSD946438	101	101	101	0.00	0.00
Acenaphthene	LCS946458	LCSD946458	90.0	90.0	90.0	0.00	0.00
Acenaphthene	LCS946511	LCSD946511	92.0	95.0	93.5	2.12	3.21
Acenaphthene	LCS946511	LCSD946511	89.0	92.0	90.5	2.12	3.31

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Acenaphthylene	LCS946174	LCSD946174	108	102	105	4.24	5.71
Acenaphthylene	LCS946355	LCSD946355	98.0	102	100	2.83	4.00
Acenaphthylene	LCS946381	LCSD946381	102	99.0	101	2.12	2.99
Acenaphthylene	LCS946427	LCSD946427	110	99.0	105	7.78	10.5
Acenaphthylene	LCS946438	LCSD946438	111	111	111	0.00	0.00
Acenaphthylene	LCS946458	LCSD946458	99.0	100	99.5	0.707	1.01
Acenaphthylene	LCS946511	LCSD946511	102	107	105	3.54	4.78
Acenaphthylene	LCS946511	LCSD946511	101	102	102	0.707	0.985
Anthracene	LCS946174	LCSD946174	111	108	110	2.12	2.74
Anthracene	LCS946355	LCSD946355	101	104	103	2.12	2.93
Anthracene	LCS946381	LCSD946381	107	104	106	2.12	2.84
Anthracene	LCS946427	LCSD946427	112	102	107	7.07	9.35
Anthracene	LCS946438	LCSD946438	114	114	114	0.00	0.00
Anthracene	LCS946458	LCSD946458	103	103	103	0.00	0.00
Anthracene	LCS946511	LCSD946511	104	103	104	0.707	0.966
Anthracene	LCS946511	LCSD946511	101	104	103	2.12	2.93
Benzo(a)anthracene	LCS946174	LCSD946174	114	112	113	1.41	1.77
Benzo(a)anthracene	LCS946355	LCSD946355	99.0	101	100	1.41	2.00
Benzo(a)anthracene	LCS946381	LCSD946381	103	100	102	2.12	2.96
Benzo(a)anthracene	LCS946427	LCSD946427	110	100	105	7.07	9.52
Benzo(a)anthracene	LCS946438	LCSD946438	114	112	113	1.41	1.77
Benzo(a)anthracene	LCS946458	LCSD946458	101	98.0	99.5	2.12	3.02
Benzo(a)anthracene	LCS946511	LCSD946511	105	106	106	0.707	0.948
Benzo(a)anthracene	LCS946511	LCSD946511	101	101	101	0.00	0.00
Benzo(a)pyrene	LCS946174	LCSD946174	103	99.0	101	2.83	3.96
Benzo(a)pyrene	LCS946355	LCSD946355	91.0	94.0	92.5	2.12	3.24
Benzo(a)pyrene	LCS946381	LCSD946381	97.0	95.0	96.0	1.41	2.08

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Benzo(a)pyrene	LCS946427	LCSD946427	104	94.0	99.0	7.07	10.1
Benzo(a)pyrene	LCS946438	LCSD946438	105	103	104	1.41	1.92
Benzo(a)pyrene	LCS946458	LCSD946458	94.0	93.0	93.5	0.707	1.07
Benzo(a)pyrene	LCS946511	LCSD946511	98.0	98.0	98.0	0.00	0.00
Benzo(a)pyrene	LCS946511	LCSD946511	102	97.0	99.5	3.54	5.03
Benzo(b)fluoranthene	LCS946174	LCSD946174	105	100	103	3.54	4.88
Benzo(b)fluoranthene	LCS946355	LCSD946355	90.0	87.0	88.5	2.12	3.39
Benzo(b)fluoranthene	LCS946381	LCSD946381	88.0	84.0	86.0	2.83	4.65
Benzo(b)fluoranthene	LCS946427	LCSD946427	104	98.0	101	4.24	5.94
Benzo(b)fluoranthene	LCS946438	LCSD946438	107	98.0	103	6.36	8.78
Benzo(b)fluoranthene	LCS946458	LCSD946458	88.0	90.0	89.0	1.41	2.25
Benzo(b)fluoranthene	LCS946511	LCSD946511	89.0	97.0	93.0	5.66	8.60
Benzo(b)fluoranthene	LCS946511	LCSD946511	96.0	96.0	96.0	0.00	0.00
Benzo(g,h,i)perylene	LCS946174	LCSD946174	130	122	126	5.66	6.35
Benzo(g,h,i)perylene	LCS946355	LCSD946355	95.0	98.0	96.5	2.12	3.11
Benzo(g,h,i)perylene	LCS946381	LCSD946381	103	99.0	101	2.83	3.96
Benzo(g,h,i)perylene	LCS946427	LCSD946427	130	112	121	12.7	14.9
Benzo(g,h,i)perylene	LCS946438	LCSD946438	109	107	108	1.41	1.85
Benzo(g,h,i)perylene	LCS946458	LCSD946458	96.0	95.0	95.5	0.707	1.05
Benzo(g,h,i)perylene	LCS946511	LCSD946511	116	111	114	3.54	4.41
Benzo(g,h,i)perylene	LCS946511	LCSD946511	114	114	114	0.00	0.00
Benzo(k)fluoranthene	LCS946174	LCSD946174	112	112	112	0.00	0.00
Benzo(k)fluoranthene	LCS946355	LCSD946355	85.0	97.0	91.0	8.49	13.2
Benzo(k)fluoranthene	LCS946381	LCSD946381	97.0	96.0	96.5	0.707	1.04
Benzo(k)fluoranthene	LCS946427	LCSD946427	120	99.0	110	14.8	19.2
Benzo(k)fluoranthene	LCS946438	LCSD946438	93.0	98.0	95.5	3.54	5.24
Benzo(k)fluoranthene	LCS946458	LCSD946458	90.0	90.0	90.0	0.00	0.00

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NC = Not Calculable () = Data Flag

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Benzo(k)fluoranthene	LCS946511	LCSD946511	98.0	102	100	2.83	4.00
Benzo(k)fluoranthene	LCS946511	LCSD946511	107	111	109	2.83	3.67
Benzoic acid	LCS946174	LCSD946174	71.0	69.0	70.0	1.41	2.86
Benzoic acid	LCS946355	LCSD946355	92.0	93.0	92.5	0.707	1.08
Benzoic acid	LCS946381	LCSD946381	12.0	19.0	15.5	4.95	45.2
Benzoic acid	LCS946427	LCSD946427	63.0	75.0	69.0	8.49	17.4
Benzoic acid	LCS946438	LCSD946438	13.0	15.0	14.0	1.41	14.3
Benzoic acid	LCS946458	LCSD946458	86.0	87.0	86.5	0.707	1.16
Benzoic acid	LCS946511	LCSD946511	41.0	38.0	39.5	2.12	7.59
Benzoic acid	LCS946511	LCSD946511	40.0	39.0	39.5	0.707	2.53
Benzyl alcohol	LCS946174	LCSD946174	101	102	102	0.707	0.985
Benzyl alcohol	LCS946355	LCSD946355	85.0	91.0	88.0	4.24	6.82
Benzyl alcohol	LCS946381	LCSD946381	79.0	76.0	77.5	2.12	3.87
Benzyl alcohol	LCS946427	LCSD946427	109	104	107	3.54	4.69
Benzyl alcohol	LCS946438	LCSD946438	95.0	98.0	96.5	2.12	3.11
Benzyl alcohol	LCS946458	LCSD946458	89.0	94.0	91.5	3.54	5.46
Benzyl alcohol	LCS946511	LCSD946511	94.0	90.0	92.0	2.83	4.35
Benzyl alcohol	LCS946511	LCSD946511	93.0	85.0	89.0	5.66	8.99
Butylbenzylphthalate	LCS946174	LCSD946174	114	113	114	0.707	0.881
Butylbenzylphthalate	LCS946355	LCSD946355	96.0	95.0	95.5	0.707	1.05
Butylbenzylphthalate	LCS946381	LCSD946381	97.0	96.0	96.5	0.707	1.04
Butylbenzylphthalate	LCS946427	LCSD946427	124	115	120	6.36	7.53
Butylbenzylphthalate	LCS946438	LCSD946438	116	111	114	3.54	4.41
Butylbenzylphthalate	LCS946458	LCSD946458	100	98.0	99.0	1.41	2.02
Butylbenzylphthalate	LCS946511	LCSD946511	101	106	104	3.54	4.83
Butylbenzylphthalate	LCS946511	LCSD946511	109	114	112	3.54	4.48
Chrysene	LCS946174	LCSD946174	107	108	108	0.707	0.930

Compiled: 22 March 1995

NC = Not Calculable () = Data Flag

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Chrysene	LCS946355	LCSD946355	95.0	99.0	97.0	2.83	4.12
Chrysene	LCS946381	LCSD946381	101	98.0	99.5	2.12	3.02
Chrysene	LCS946427	LCSD946427	108	99.0	104	6.36	8.70
Chrysene	LCS946438	LCSD946438	112	109	111	2.12	2.71
Chrysene	LCS946458	LCSD946458	98.0	96.0	97.0	1.41	2.06
Chrysene	LCS946511	LCSD946511	98.0	100	99.0	1.41	2.02
Chrysene	LCS946511	LCSD946511	98.0	98.0	98.0	0.00	0.00
Di-n-octylphthalate	LCS946174	LCSD946174	125	122	124	2.12	2.43
Di-n-octylphthalate	LCS946355	LCSD946355	101	101	101	0.00	0.00
Di-n-octylphthalate	LCS946381	LCSD946381	102	99.0	101	2.12	2.99
Di-n-octylphthalate	LCS946427	LCSD946427	139	127	133	8.49	9.02
Di-n-octylphthalate	LCS946438	LCSD946438	117	112	115	3.54	4.37
Di-n-octylphthalate	LCS946458	LCSD946458	104	103	104	0.707	0.966
Di-n-octylphthalate	LCS946511	LCSD946511	114	113	114	0.707	0.881
Di-n-octylphthalate	LCS946511	LCSD946511	127	123	125	2.83	3.20
Dibenz(a,h)anthracene	LCS946174	LCSD946174	108	102	105	4.24	5.71
Dibenz(a,h)anthracene	LCS946355	LCSD946355	93.0	96.0	94.5	2.12	3.17
Dibenz(a,h)anthracene	LCS946381	LCSD946381	99.0	97.0	98.0	1.41	2.04
Dibenz(a,h)anthracene	LCS946427	LCSD946427	104	95.0	99.5	6.36	9.05
Dibenz(a,h)anthracene	LCS946438	LCSD946438	107	104	106	2.12	2.84
Dibenz(a,h)anthracene	LCS946458	LCSD946458	94.0	94.0	94.0	0.00	0.00
Dibenz(a,h)anthracene	LCS946511	LCSD946511	97.0	91.0	94.0	4.24	6.38
Dibenz(a,h)anthracene	LCS946511	LCSD946511	95.0	95.0	95.0	0.00	0.00
Dibenzofuran	LCS946174	LCSD946174	107	101	104	4.24	5.77
Dibenzofuran	LCS946355	LCSD946355	98.0	102	100	2.83	4.00
Dibenzofuran	LCS946381	LCSD946381	105	100	103	3.54	4.88
Dibenzofuran	LCS946427	LCSD946427	100	92.0	96.0	5.66	8.33

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Dibenzofuran	LCS946438	LCSD946438	109	110	110	0.707	0.913
Dibenzofuran	LCS946458	LCSD946458	97.0	96.0	96.5	0.707	1.04
Dibenzofuran	LCS946511	LCSD946511	94.0	97.0	95.5	2.12	3.14
Dibenzofuran	LCS946511	LCSD946511	94.0	95.0	94.5	0.707	1.06
Dibutylphthalate	LCS946174	LCSD946174	110	109	110	0.707	0.913
Dibutylphthalate	LCS946355	LCSD946355	101	102	102	0.707	0.985
Dibutylphthalate	LCS946381	LCSD946381	105	103	104	1.41	1.92
Dibutylphthalate	LCS946427	LCSD946427	119	105	112	9.90	12.5
Dibutylphthalate	LCS946438	LCSD946438	115	110	113	3.54	4.44
Dibutylphthalate	LCS946458	LCSD946458	99.0	99.0	99.0	0.00	0.00
Dibutylphthalate	LCS946511	LCSD946511	102	101	102	0.707	0.985
Dibutylphthalate	LCS946511	LCSD946511	104	104	104	0.00	0.00
Diethylphthalate	LCS946174	LCSD946174	109	104	107	3.54	4.69
Diethylphthalate	LCS946355	LCSD946355	101	105	103	2.83	3.88
Diethylphthalate	LCS946381	LCSD946381	107	103	105	2.83	3.81
Diethylphthalate	LCS946427	LCSD946427	113	101	107	8.49	11.2
Diethylphthalate	LCS946438	LCSD946438	112	113	113	0.707	0.889
Diethylphthalate	LCS946458	LCSD946458	99.0	99.0	99.0	0.00	0.00
Diethylphthalate	LCS946511	LCSD946511	102	105	104	2.12	2.90
Diethylphthalate	LCS946511	LCSD946511	102	105	104	2.12	2.90
Dimethylphthalate	LCS946174	LCSD946174	107	103	105	2.83	3.81
Dimethylphthalate	LCS946355	LCSD946355	98.0	102	100	2.83	4.00
Dimethylphthalate	LCS946381	LCSD946381	103	101	102	1.41	1.96
Dimethylphthalate	LCS946427	LCSD946427	109	97.0	103	8.49	11.7
Dimethylphthalate	LCS946438	LCSD946438	114	113	114	0.707	0.881
Dimethylphthalate	LCS946458	LCSD946458	98.0	98.0	98.0	0.00	0.00
Dimethylphthalate	LCS946511	LCSD946511	97.0	102	99.5	3.54	5.03

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Dimethylphthalate	LCS946511	LCSD946511	97.0	102	99.5	3.54	5.03
Diphenylamine	LCS946174	LCSD946174	97.0	97.0	97.0	0.00	0.00
Diphenylamine	LCS946355	LCSD946355	93.0	95.0	94.0	1.41	2.13
Diphenylamine	LCS946381	LCSD946381	100	96.0	98.0	2.83	4.08
Diphenylamine	LCS946427	LCSD946427	108	94.0	101	9.90	13.9
Diphenylamine	LCS946438	LCSD946438	107	106	107	0.707	0.939
Diphenylamine	LCS946458	LCSD946458	91.0	92.0	91.5	0.707	1.09
Diphenylamine	LCS946511	LCSD946511	92.0	92.0	92.0	0.00	0.00
Diphenylamine	LCS946511	LCSD946511	95.0	94.0	94.5	0.707	1.06
Fluoranthene	LCS946174	LCSD946174	102	102	102	0.00	0.00
Fluoranthene	LCS946355	LCSD946355	97.0	102	99.5	3.54	5.03
Fluoranthene	LCS946381	LCSD946381	103	99.0	101	2.83	3.96
Fluoranthene	LCS946427	LCSD946427	101	93.0	97.0	5.66	8.25
Fluoranthene	LCS946438	LCSD946438	109	108	109	0.707	0.922
Fluoranthene	LCS946458	LCSD946458	96.0	96.0	96.0	0.00	0.00
Fluoranthene	LCS946511	LCSD946511	94.0	92.0	93.0	1.41	2.15
Fluoranthene	LCS946511	LCSD946511	93.0	93.0	93.0	0.00	0.00
Fluorene	LCS946174	LCSD946174	96.0	92.0	94.0	2.83	4.26
Fluorene	LCS946355	LCSD946355	84.0	88.0	86.0	2.83	4.65
Fluorene	LCS946381	LCSD946381	90.0	86.0	88.0	2.83	4.55
Fluorene	LCS946427	LCSD946427	91.0	81.0	86.0	7.07	11.6
Fluorene	LCS946438	LCSD946438	93.0	94.0	93.5	0.707	1.07
Fluorene	LCS946458	LCSD946458	85.0	84.0	84.5	0.707	1.18
Fluorene	LCS946511	LCSD946511	83.0	87.0	85.0	2.83	4.71
Fluorene	LCS946511	LCSD946511	86.0	88.0	87.0	1.41	2.30
Hexachlorobenzene	LCS946174	LCSD946174	109	99.0	104	7.07	9.62
Hexachlorobenzene	LCS946355	LCSD946355	106	113	110	4.95	6.39

Compiled: 22 March 1995
NC = Not C[illegible]able () = Data Flag

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Hexachlorobenzene	LCS946381	LCSD946381	112	111	112	0.707	0.897
Hexachlorobenzene	LCS946427	LCSD946427	95.0	86.0	90.5	6.36	9.94
Hexachlorobenzene	LCS946438	LCSD946438	120	118	119	1.41	1.68
Hexachlorobenzene	LCS946458	LCSD946458	103	106	105	2.12	2.87
Hexachlorobenzene	LCS946511	LCSD946511	92.0	84.0	88.0	5.66	9.09
Hexachlorobenzene	LCS946511	LCSD946511	95.0	94.0	94.5	0.707	1.06
Hexachlorobutadiene	LCS946174	LCSD946174	105	102	104	2.12	2.90
Hexachlorobutadiene	LCS946355	LCSD946355	101	103	102	1.41	1.96
Hexachlorobutadiene	LCS946381	LCSD946381	99.0	100	99.5	0.707	1.01
Hexachlorobutadiene	LCS946427	LCSD946427	96.0	88.0	92.0	5.66	8.70
Hexachlorobutadiene	LCS946438	LCSD946438	104	109	107	3.54	4.69
Hexachlorobutadiene	LCS946458	LCSD946458	92.0	94.0	93.0	1.41	2.15
Hexachlorobutadiene	LCS946511	LCSD946511	97.0	94.0	95.5	2.12	3.14
Hexachlorobutadiene	LCS946511	LCSD946511	84.0	89.0	86.5	3.54	5.78
Hexachlorocyclopentadiene	LCS946174	LCSD946174	29.0	25.0	27.0	2.83	14.8
Hexachlorocyclopentadiene	LCS946355	LCSD946355	32.0	38.0	35.0	4.24	17.1
Hexachlorocyclopentadiene	LCS946381	LCSD946381	125	131	128	4.24	4.69
Hexachlorocyclopentadiene	LCS946427	LCSD946427	92.0	70.0	81.0	15.6	27.2
Hexachlorocyclopentadiene	LCS946438	LCSD946438	113	127	120	9.90	11.7
Hexachlorocyclopentadiene	LCS946458	LCSD946458	69.0	78.0	73.5	6.36	12.2
Hexachlorocyclopentadiene	LCS946511	LCSD946511	115	130	123	10.6	12.2
Hexachlorocyclopentadiene	LCS946511	LCSD946511	127	139	133	8.49	9.02
Hexachloroethane	LCS946174	LCSD946174	111	108	110	2.12	2.74
Hexachloroethane	LCS946355	LCSD946355	94.0	95.0	94.5	0.707	1.06
Hexachloroethane	LCS946381	LCSD946381	92.0	88.0	90.0	2.83	4.44
Hexachloroethane	LCS946427	LCSD946427	107	101	104	4.24	5.77
Hexachloroethane	LCS946438	LCSD946438	99.0	104	102	3.54	4.93

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Hexachloroethane	LCS946458	LCSD946458	90.0	89.0	89.5	0.707	1.12
Hexachloroethane	LCS946511	LCSD946511	105	99.0	102	4.24	5.88
Hexachloroethane	LCS946511	LCSD946511	105	101	103	2.83	3.88
Indeno(1,2,3-cd)pyrene	LCS946174	LCSD946174	110	106	108	2.83	3.70
Indeno(1,2,3-cd)pyrene	LCS946355	LCSD946355	93.0	96.0	94.5	2.12	3.17
Indeno(1,2,3-cd)pyrene	LCS946381	LCSD946381	100	97.0	98.5	2.12	3.05
Indeno(1,2,3-cd)pyrene	LCS946427	LCSD946427	109	95.0	102	9.90	13.7
Indeno(1,2,3-cd)pyrene	LCS946438	LCSD946438	109	105	107	2.83	3.74
Indeno(1,2,3-cd)pyrene	LCS946458	LCSD946458	94.0	94.0	94.0	0.00	0.00
Indeno(1,2,3-cd)pyrene	LCS946511	LCSD946511	96.0	97.0	96.5	0.707	1.04
Indeno(1,2,3-cd)pyrene	LCS946511	LCSD946511	98.0	98.0	98.0	0.00	0.00
Isophorone	LCS946174	LCSD946174	111	105	108	4.24	5.56
Isophorone	LCS946355	LCSD946355	99.0	103	101	2.83	3.96
Isophorone	LCS946381	LCSD946381	104	99.0	102	3.54	4.93
Isophorone	LCS946427	LCSD946427	106	101	104	3.54	4.83
Isophorone	LCS946438	LCSD946438	111	115	113	2.83	3.54
Isophorone	LCS946458	LCSD946458	106	104	105	1.41	1.90
Isophorone	LCS946511	LCSD946511	102	101	102	0.707	0.985
Isophorone	LCS946511	LCSD946511	101	100	101	0.707	0.995
N-Nitroso-di-n-propylamine	LCS946174	LCSD946174	110	108	109	1.41	1.83
N-Nitroso-di-n-propylamine	LCS946355	LCSD946355	90.0	93.0	91.5	2.12	3.28
N-Nitroso-di-n-propylamine	LCS946381	LCSD946381	92.0	90.0	91.0	1.41	2.20
N-Nitroso-di-n-propylamine	LCS946427	LCSD946427	103	96.0	99.5	4.95	7.04
N-Nitroso-di-n-propylamine	LCS946438	LCSD946438	107	110	109	2.12	2.76
N-Nitroso-di-n-propylamine	LCS946458	LCSD946458	97.0	96.0	96.5	0.707	1.04
N-Nitroso-di-n-propylamine	LCS946511	LCSD946511	97.0	95.0	96.0	1.41	2.08
N-Nitroso-di-n-propylamine	LCS946511	LCSD946511	99.0	97.0	98.0	1.41	2.04

Compiled: 22 March 1995

NC = Not Ca[redacted]ble () = Data Flag

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Naphthalene	LCS946174	LCSD946174	105	97.0	101	5.66	7.92
Naphthalene	LCS946355	LCSD946355	96.0	99.0	97.5	2.12	3.08
Naphthalene	LCS946381	LCSD946381	96.0	94.0	95.0	1.41	2.11
Naphthalene	LCS946427	LCSD946427	102	97.0	99.5	3.54	5.03
Naphthalene	LCS946438	LCSD946438	103	105	104	1.41	1.92
Naphthalene	LCS946458	LCSD946458	94.0	95.0	94.5	0.707	1.06
Naphthalene	LCS946511	LCSD946511	94.0	94.0	94.0	0.00	0.00
Naphthalene	LCS946511	LCSD946511	96.0	92.0	94.0	2.83	4.26
Nitrobenzene	LCS946174	LCSD946174	105	101	103	2.83	3.88
Nitrobenzene	LCS946355	LCSD946355	97.0	101	99.0	2.83	4.04
Nitrobenzene	LCS946381	LCSD946381	98.0	93.0	95.5	3.54	5.24
Nitrobenzene	LCS946427	LCSD946427	99.0	96.0	97.5	2.12	3.08
Nitrobenzene	LCS946438	LCSD946438	106	113	110	4.95	6.39
Nitrobenzene	LCS946458	LCSD946458	100	100	100	0.00	0.00
Nitrobenzene	LCS946511	LCSD946511	92.0	94.0	93.0	1.41	2.15
Nitrobenzene	LCS946511	LCSD946511	95.0	94.0	94.5	0.707	1.06
Pentachlorophenol	LCS946174	LCSD946174	73.0	73.0	73.0	0.00	0.00
Pentachlorophenol	LCS946355	LCSD946355	94.0	100	97.0	4.24	6.19
Pentachlorophenol	LCS946381	LCSD946381	93.0	96.0	94.5	2.12	3.17
Pentachlorophenol	LCS946427	LCSD946427	81.0	75.0	78.0	4.24	7.69
Pentachlorophenol	LCS946438	LCSD946438	89.0	86.0	87.5	2.12	3.43
Pentachlorophenol	LCS946458	LCSD946458	88.0	86.0	87.0	1.41	2.30
Pentachlorophenol	LCS946511	LCSD946511	77.0	81.0	79.0	2.83	5.06
Pentachlorophenol	LCS946511	LCSD946511	76.0	75.0	75.5	0.707	1.32
Phenanthrene	LCS946174	LCSD946174	97.0	96.0	96.5	0.707	1.04
Phenanthrene	LCS946355	LCSD946355	89.0	93.0	91.0	2.83	4.40
Phenanthrene	LCS946381	LCSD946381	93.0	89.0	91.0	2.83	4.40

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Phenanthrene	LCS946427	LCSD946427	99.0	90.0	94.5	6.36	9.52
Phenanthrene	LCS946438	LCSD946438	100	99.0	99.5	0.707	1.01
Phenanthrene	LCS946458	LCSD946458	89.0	88.0	88.5	0.707	1.13
Phenanthrene	LCS946511	LCSD946511	90.0	88.0	89.0	1.41	2.25
Phenanthrene	LCS946511	LCSD946511	88.0	88.0	88.0	0.00	0.00
Phenol	LCS946174	LCSD946174	95.0	95.0	95.0	0.00	0.00
Phenol	LCS946355	LCSD946355	91.0	93.0	92.0	1.41	2.17
Phenol	LCS946381	LCSD946381	44.0	43.0	43.5	0.707	2.30
Phenol	LCS946427	LCSD946427	96.0	89.0	92.5	4.95	7.57
Phenol	LCS946438	LCSD946438	49.0	50.0	49.5	0.707	2.02
Phenol	LCS946458	LCSD946458	89.0	86.0	87.5	2.12	3.43
Phenol	LCS946511	LCSD946511	49.0	45.0	47.0	2.83	8.51
Phenol	LCS946511	LCSD946511	48.0	44.0	46.0	2.83	8.70
Pyrene	LCS946174	LCSD946174	106	104	105	1.41	1.90
Pyrene	LCS946355	LCSD946355	93.0	95.0	94.0	1.41	2.13
Pyrene	LCS946381	LCSD946381	97.0	94.0	95.5	2.12	3.14
Pyrene	LCS946427	LCSD946427	108	99.0	104	6.36	8.70
Pyrene	LCS946438	LCSD946438	109	107	108	1.41	1.85
Pyrene	LCS946458	LCSD946458	99.0	95.0	97.0	2.83	4.12
Pyrene	LCS946511	LCSD946511	94.0	96.0	95.0	1.41	2.11
Pyrene	LCS946511	LCSD946511	99.0	101	100	1.41	2.00
bis(2-Chloroethoxy)methane	LCS946174	LCSD946174	102	97.0	99.5	3.54	5.03
bis(2-Chloroethoxy)methane	LCS946355	LCSD946355	93.0	96.0	94.5	2.12	3.17
bis(2-Chloroethoxy)methane	LCS946381	LCSD946381	96.0	92.0	94.0	2.83	4.26
bis(2-Chloroethoxy)methane	LCS946427	LCSD946427	96.0	93.0	94.5	2.12	3.17
bis(2-Chloroethoxy)methane	LCS946438	LCSD946438	106	109	108	2.12	2.79
bis(2-Chloroethoxy)methane	LCS946458	LCSD946458	96.0	96.0	96.0	0.00	0.00

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
bis(2-Chloroethoxy)methane	LCS946511	LCSD946511	88.0	88.0	88.0	0.00	0.00
bis(2-Chloroethoxy)methane	LCS946511	LCSD946511	90.0	89.0	89.5	0.707	1.12
bis(2-Chloroethyl)ether	LCS946174	LCSD946174	94.0	92.0	93.0	1.41	2.15
bis(2-Chloroethyl)ether	LCS946355	LCSD946355	90.0	91.0	90.5	0.707	1.10
bis(2-Chloroethyl)ether	LCS946381	LCSD946381	89.0	86.0	87.5	2.12	3.43
bis(2-Chloroethyl)ether	LCS946427	LCSD946427	95.0	88.0	91.5	4.95	7.65
bis(2-Chloroethyl)ether	LCS946438	LCSD946438	99.0	103	101	2.83	3.96
bis(2-Chloroethyl)ether	LCS946458	LCSD946458	92.0	92.0	92.0	0.00	0.00
bis(2-Chloroethyl)ether	LCS946511	LCSD946511	89.0	84.0	86.5	3.54	5.78
bis(2-Chloroethyl)ether	LCS946511	LCSD946511	89.0	86.0	87.5	2.12	3.43
bis(2-Chloroisopropyl)ether	LCS946174	LCSD946174	92.0	92.0	92.0	0.00	0.00
bis(2-Chloroisopropyl)ether	LCS946355	LCSD946355	76.0	81.0	78.5	3.54	6.37
bis(2-Chloroisopropyl)ether	LCS946381	LCSD946381	80.0	78.0	79.0	1.41	2.53
bis(2-Chloroisopropyl)ether	LCS946427	LCSD946427	85.0	80.0	82.5	3.54	6.06
bis(2-Chloroisopropyl)ether	LCS946438	LCSD946438	95.0	98.0	96.5	2.12	3.11
bis(2-Chloroisopropyl)ether	LCS946458	LCSD946458	84.0	84.0	84.0	0.00	0.00
bis(2-Chloroisopropyl)ether	LCS946511	LCSD946511	84.0	80.0	82.0	2.83	4.88
bis(2-Chloroisopropyl)ether	LCS946511	LCSD946511	79.0	76.0	77.5	2.12	3.87
bis(2-Ethylhexyl)phthalate	LCS946174	LCSD946174	106	108	107	1.41	1.87
bis(2-Ethylhexyl)phthalate	LCS946355	LCSD946355	92.0	92.0	92.0	0.00	0.00
bis(2-Ethylhexyl)phthalate	LCS946381	LCSD946381	95.0	90.0	92.5	3.54	5.41
bis(2-Ethylhexyl)phthalate	LCS946427	LCSD946427	115	104	110	7.78	10.0
bis(2-Ethylhexyl)phthalate	LCS946438	LCSD946438	108	106	107	1.41	1.87
bis(2-Ethylhexyl)phthalate	LCS946458	LCSD946458	95.0	91.0	93.0	2.83	4.30
bis(2-Ethylhexyl)phthalate	LCS946511	LCSD946511	97.0	99.0	98.0	1.41	2.04
bis(2-Ethylhexyl)phthalate	LCS946511	LCSD946511	103	106	105	2.12	2.87
p-Chloroaniline	LCS946174	LCSD946174	109	105	107	2.83	3.74

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
p-Chloroaniline	LCS946355	LCSD946355	98.0	105	102	4.95	6.90
p-Chloroaniline	LCS946381	LCSD946381	110	108	109	1.41	1.83
p-Chloroaniline	LCS946427	LCSD946427	101	91.0	96.0	7.07	10.4
p-Chloroaniline	LCS946438	LCSD946438	119	120	120	0.707	0.837
p-Chloroaniline	LCS946458	LCSD946458	105	105	105	0.00	0.00
p-Chloroaniline	LCS946511	LCSD946511	101	101	101	0.00	0.00
p-Chloroaniline	LCS946511	LCSD946511	98.0	102	100	2.83	4.00
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Matrix Spike Duplicate							
1,2,4-Trichlorobenzene	G94-06-MW-02	G94-06-MW-02	99.0	97.0	98.0	1.41	2.04
1,2,4-Trichlorobenzene	G94-06-MW-03	G94-06-MW-03	93.0	89.0	91.0	2.83	4.40
1,2,4-Trichlorobenzene	G94-13-MW-37	G94-13-MW-37	92.0	88.0	90.0	2.83	4.44
1,2,4-Trichlorobenzene	G94-13-MW-37	G94-13-MW-37	90.0	85.0	87.5	3.54	5.71
1,4-Dichlorobenzene	G94-06-MW-02	G94-06-MW-02	84.0	85.0	84.5	0.707	1.18
1,4-Dichlorobenzene	G94-06-MW-03	G94-06-MW-03	80.0	76.0	78.0	2.83	5.13
1,4-Dichlorobenzene	G94-13-MW-37	G94-13-MW-37	86.0	87.0	86.5	0.707	1.16
1,4-Dichlorobenzene	G94-13-MW-37	G94-13-MW-37	85.0	84.0	84.5	0.707	1.18
2,4-Dinitrotoluene	G94-06-MW-02	G94-06-MW-02	94.0	93.0	93.5	0.707	1.07
2,4-Dinitrotoluene	G94-06-MW-03	G94-06-MW-03	88.0	92.0	90.0	2.83	4.44
2,4-Dinitrotoluene	G94-13-MW-37	G94-13-MW-37	87.0	86.0	86.5	0.707	1.16
2,4-Dinitrotoluene	G94-13-MW-37	G94-13-MW-37	90.0	85.0	87.5	3.54	5.71
2-Chlorophenol	G94-06-MW-02	G94-06-MW-02	87.0	85.0	86.0	1.41	2.33
2-Chlorophenol	G94-06-MW-03	G94-06-MW-03	87.0	87.0	87.0	0.00	0.00
2-Chlorophenol	G94-13-MW-37	G94-13-MW-37	84.0	88.0	86.0	2.83	4.65

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Matrix Spike Duplicate , cont.							
2-Chlorophenol	G94-13-MW-37	G94-13-MW-37	87.0	88.0	87.5	0.707	1.14
4-Chloro-3-methylphenol	G94-06-MW-02	G94-06-MW-02	91.0	88.0	89.5	2.12	3.35
4-Chloro-3-methylphenol	G94-06-MW-03	G94-06-MW-03	91.0	89.0	90.0	1.41	2.22
4-Chloro-3-methylphenol	G94-13-MW-37	G94-13-MW-37	85.0	88.0	86.5	2.12	3.47
4-Chloro-3-methylphenol	G94-13-MW-37	G94-13-MW-37	86.0	88.0	87.0	1.41	2.30
4-Nitrophenol	G94-06-MW-02	G94-06-MW-02	95.0	87.0	91.0	5.66	8.79
4-Nitrophenol	G94-06-MW-03	G94-06-MW-03	86.0	87.0	86.5	0.707	1.16
4-Nitrophenol	G94-13-MW-37	G94-13-MW-37	46.0	44.0	45.0	1.41	4.44
4-Nitrophenol	G94-13-MW-37	G94-13-MW-37	48.0	44.0	46.0	2.83	8.70
Acenaphthene	G94-06-MW-02	G94-06-MW-02	86.0	87.0	86.5	0.707	1.16
Acenaphthene	G94-06-MW-03	G94-06-MW-03	91.0	92.0	91.5	0.707	1.09
Acenaphthene	G94-13-MW-37	G94-13-MW-37	90.0	87.0	88.5	2.12	3.39
Acenaphthene	G94-13-MW-37	G94-13-MW-37	91.0	87.0	89.0	2.83	4.49
N-Nitroso-di-n-propylamine	G94-06-MW-02	G94-06-MW-02	93.0	93.0	93.0	0.00	0.00
N-Nitroso-di-n-propylamine	G94-06-MW-03	G94-06-MW-03	104	109	107	3.54	4.69
N-Nitroso-di-n-propylamine	G94-13-MW-37	G94-13-MW-37	101	102	102	0.707	0.985
N-Nitroso-di-n-propylamine	G94-13-MW-37	G94-13-MW-37	102	102	102	0.00	0.00
Pentachlorophenol	G94-06-MW-02	G94-06-MW-02	96.0	92.0	94.0	2.83	4.26
Pentachlorophenol	G94-06-MW-03	G94-06-MW-03	79.0	81.0	80.0	1.41	2.50
Pentachlorophenol	G94-13-MW-37	G94-13-MW-37	85.0	84.0	84.5	0.707	1.18
Pentachlorophenol	G94-13-MW-37	G94-13-MW-37	81.0	80.0	80.5	0.707	1.24
Phenol	G94-06-MW-02	G94-06-MW-02	79.0	76.0	77.5	2.12	3.87
Phenol	G94-06-MW-03	G94-06-MW-03	79.0	79.0	79.0	0.00	0.00
Phenol	G94-13-MW-37	G94-13-MW-37	40.0	38.0	39.0	1.41	5.13
Phenol	G94-13-MW-37	G94-13-MW-37	40.0	38.0	39.0	1.41	5.13
Pyrene	G94-06-MW-02	G94-06-MW-02	80.0	82.0	81.0	1.41	2.47
Pyrene	G94-06-MW-03	G94-06-MW-03	98.0	99.0	98.5	0.707	1.02

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Matrix Spike Duplicate , cont.							
Pyrene	G94-13-MW-37	G94-13-MW-37	92.0	92.0	92.0	0.00	0.00
Pyrene	G94-13-MW-37	G94-13-MW-37	96.0	94.0	95.0	1.41	2.11
Method = SW9040 - pH Electrometric Measurement							
Type of Duplicate : Field Duplicate							
pH	G94-01-MW-01	G94-01-MW-01-FD	6.63	6.63	6.63	0.00	0.00
pH	G94-05-MW-02	G94-05-MW-02-FD	6.70	6.70	6.70	0.00	0.00
pH	G94-06-MW-03	G94-06-MW-03-FD	6.80	6.80	6.80	0.00	0.00
pH	G94-09-MW-05	G94-09-MW-05-FD	6.84	6.84	6.84	0.00	0.00
pH	G94-13-MW-37	G94-13-MW-37-FD	6.59	6.59	6.59	0.00	0.00
Method = SW9050 - Specific Conductance							
Type of Duplicate : Field Duplicate							
Conductivity	G94-01-MW-01	G94-01-MW-01-FD	1170	1170	1170	0.00	0.00
Conductivity	G94-05-MW-02	G94-05-MW-02-FD	750	750	750	0.00	0.00
Conductivity	G94-06-MW-03	G94-06-MW-03-FD	840	840	840	0.00	0.00
Conductivity	G94-09-MW-05	G94-09-MW-05-FD	690	690	690	0.00	0.00
Conductivity	G94-13-MW-37	G94-13-MW-37-FD	940	940	940	0.00	0.00

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ATTACHMENT C - APPENDIX B

Table A-3.2

Detailed Listing of Liquid Duplicate Results - 1994 Soil Samples

TABLE A-3.2 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = AK101 - Gasoline Range Organics							
Type of Duplicate : Laboratory Control Duplicate							
Gasoline Range Organics	Lab Control Sample	Lab Control Duplicate	90.0	95.0	92.5	3.54	5.41
Method = AK102 - Diesel Range Organics							
Type of Duplicate : Laboratory Control Duplicate							
Diesel Range Organics	Lab Control Sample	Lab Control Duplicate	117	99.0	108	12.7	16.7
Method = SW6010 - Metals							
Type of Duplicate : Laboratory Control Duplicate							
Aluminum	LCS946637	LCSD946637	88.0	89.0	88.5	0.707	1.13
Aluminum	LCS946664	LCSD946664	89.0	89.0	89.0	0.00	0.00
Aluminum	LCS946909	LCSD946909	100	100	100	0.00	0.00
Antimony	LCS946637	LCSD946637	82.0	90.0	86.0	5.66	9.30
Antimony	LCS946664	LCSD946664	81.0	89.0	85.0	5.66	9.41
Antimony	LCS946909	LCSD946909	97.0	98.0	97.5	0.707	1.03
Arsenic	LCS946637	LCSD946637	88.0	87.0	87.5	0.707	1.14
Arsenic	LCS946664	LCSD946664	87.0	81.0	84.0	4.24	7.14
Arsenic	LCS946909	LCSD946909	96.0	98.0	97.0	1.41	2.06
Barium	LCS946637	LCSD946637	91.0	92.0	91.5	0.707	1.09
Barium	LCS946664	LCSD946664	92.0	92.0	92.0	0.00	0.00
Barium	LCS946909	LCSD946909	98.0	98.0	98.0	0.00	0.00
Beryllium	LCS946637	LCSD946637	92.0	92.0	92.0	0.00	0.00
Beryllium	LCS946664	LCSD946664	93.0	93.0	93.0	0.00	0.00
Beryllium	LCS946909	LCSD946909	101	101	101	0.00	0.00

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NC = Not Calculable () = Data Flag

TABLE A-3.2 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Cadmium	LCS946637	LCSD946637	81.0	82.0	81.5	0.707	1.23
Cadmium	LCS946664	LCSD946664	82.0	81.0	81.5	0.707	1.23
Cadmium	LCS946909	LCSD946909	93.0	93.0	93.0	0.00	0.00
Calcium	LCS946637	LCSD946637	91.0	92.0	91.5	0.707	1.09
Calcium	LCS946664	LCSD946664	93.0	93.0	93.0	0.00	0.00
Calcium	LCS946909	LCSD946909	103	103	103	0.00	0.00
Chromium	LCS946637	LCSD946637	86.0	86.0	86.0	0.00	0.00
Chromium	LCS946664	LCSD946664	86.0	87.0	86.5	0.707	1.16
Chromium	LCS946909	LCSD946909	96.0	96.0	96.0	0.00	0.00
Cobalt	LCS946637	LCSD946637	84.0	86.0	85.0	1.41	2.35
Cobalt	LCS946664	LCSD946664	85.0	86.0	85.5	0.707	1.17
Cobalt	LCS946909	LCSD946909	95.0	95.0	95.0	0.00	0.00
Copper	LCS946637	LCSD946637	90.0	90.0	90.0	0.00	0.00
Copper	LCS946664	LCSD946664	90.0	90.0	90.0	0.00	0.00
Copper	LCS946909	LCSD946909	97.0	96.0	96.5	0.707	1.04
Iron	LCS946637	LCSD946637	88.0	88.0	88.0	0.00	0.00
Iron	LCS946664	LCSD946664	89.0	89.0	89.0	0.00	0.00
Iron	LCS946909	LCSD946909	98.0	97.0	97.5	0.707	1.03
Lead	LCS946637	LCSD946637	82.0	85.0	83.5	2.12	3.59
Lead	LCS946664	LCSD946664	76.0	77.0	76.5	0.707	1.31
Lead	LCS946909	LCSD946909	94.0	93.0	93.5	0.707	1.07
Magnesium	LCS946637	LCSD946637	89.0	90.0	89.5	0.707	1.12
Magnesium	LCS946664	LCSD946664	90.0	91.0	90.5	0.707	1.10
Magnesium	LCS946909	LCSD946909	99.0	99.0	99.0	0.00	0.00
Manganese	LCS946637	LCSD946637	85.0	85.0	85.0	0.00	0.00
Manganese	LCS946664	LCSD946664	86.0	86.0	86.0	0.00	0.00
Manganese	LCS946909	LCSD946909	96.0	96.0	96.0	0.00	0.00

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NC = Not Calculable () = Data Flag

TABLE A-3.2 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Molybdenum	LCS946637	LCSD946637	91.0	91.0	91.0	0.00	0.00
Molybdenum	LCS946664	LCSD946664	92.0	93.0	92.5	0.707	1.08
Molybdenum	LCS946909	LCSD946909	100	100	100	0.00	0.00
Nickel	LCS946637	LCSD946637	86.0	88.0	87.0	1.41	2.30
Nickel	LCS946664	LCSD946664	88.0	86.0	87.0	1.41	2.30
Nickel	LCS946909	LCSD946909	94.0	97.0	95.5	2.12	3.14
Potassium	LCS946637	LCSD946637	91.0	91.0	91.0	0.00	0.00
Potassium	LCS946664	LCSD946664	92.0	91.0	91.5	0.707	1.09
Potassium	LCS946909	LCSD946909	96.0	98.0	97.0	1.41	2.06
Selenium	LCS946637	LCSD946637	87.0	88.0	87.5	0.707	1.14
Selenium	LCS946664	LCSD946664	81.0	85.0	83.0	2.83	4.82
Selenium	LCS946909	LCSD946909	98.0	88.0	93.0	7.07	10.8
Silver	LCS946637	LCSD946637	83.0	82.0	82.5	0.707	1.21
Silver	LCS946664	LCSD946664	83.0	83.0	83.0	0.00	0.00
Silver	LCS946909	LCSD946909	92.0	92.0	92.0	0.00	0.00
Sodium	LCS946637	LCSD946637	90.0	91.0	90.5	0.707	1.10
Sodium	LCS946664	LCSD946664	92.0	92.0	92.0	0.00	0.00
Sodium	LCS946909	LCSD946909	99.0	99.0	99.0	0.00	0.00
Thallium	LCS946637	LCSD946637	88.0	83.0	85.5	3.54	5.85
Thallium	LCS946664	LCSD946664	84.0	86.0	85.0	1.41	2.35
Thallium	LCS946909	LCSD946909	92.0	96.0	94.0	2.83	4.26
Vanadium	LCS946637	LCSD946637	88.0	88.0	88.0	0.00	0.00
Vanadium	LCS946664	LCSD946664	88.0	89.0	88.5	0.707	1.13
Vanadium	LCS946909	LCSD946909	97.0	97.0	97.0	0.00	0.00
Zinc	LCS946637	LCSD946637	82.0	83.0	82.5	0.707	1.21
Zinc	LCS946664	LCSD946664	83.0	83.0	83.0	0.00	0.00
Zinc	LCS946909	LCSD946909	96.0	96.0	96.0	0.00	0.00

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NC = Not Calculable () = Data Flag

TABLE A-3.2 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Laboratory Control Duplicate							
4,4'-DDT	LCS946620	LCSD946620	100	103	102	2.12	2.96
4,4'-DDT	LCS946743	LCSD946743	102	102	102	0.00	0.00
Aldrin	LCS946620	LCSD946620	99.0	97.0	98.0	1.41	2.04
Aldrin	LCS946743	LCSD946743	91.0	89.0	90.0	1.41	2.22
Dieldrin	LCS946620	LCSD946620	103	102	103	0.707	0.976
Dieldrin	LCS946743	LCSD946743	97.0	94.0	95.5	2.12	3.14
Endosulfan II	LCS946620	LCSD946620	107	107	107	0.00	0.00
Endosulfan II	LCS946743	LCSD946743	107	105	106	1.41	1.89
Endrin	LCS946620	LCSD946620	99.0	97.0	98.0	1.41	2.04
Endrin	LCS946743	LCSD946743	96.0	96.0	96.0	0.00	0.00
Endrin Aldehyde	LCS946620	LCSD946620	123	125	124	1.41	1.61
Endrin Aldehyde	LCS946743	LCSD946743	125	127	126	1.41	1.59
Heptachlor	LCS946620	LCSD946620	105	102	104	2.12	2.90
Heptachlor	LCS946743	LCSD946743	96.0	93.0	94.5	2.12	3.17
Heptachlor epoxide	LCS946620	LCSD946620	113	110	112	2.12	2.69
Heptachlor epoxide	LCS946743	LCSD946743	99.0	102	101	2.12	2.99
PCB-1016	LCS946621	LCSD946621	84.0	82.0	83.0	1.41	2.41
PCB-1016	LCS946744	LCSD946744	94.0	91.0	92.5	2.12	3.24
PCB-1260	LCS946621	LCSD946621	98.0	100	99.0	1.41	2.02
PCB-1260	LCS946744	LCSD946744	98.0	91.0	94.5	4.95	7.41
alpha-BHC	LCS946620	LCSD946620	95.0	96.0	95.5	0.707	1.05
alpha-BHC	LCS946743	LCSD946743	87.0	85.0	86.0	1.41	2.33
delta-BHC	LCS946620	LCSD946620	75.0	74.0	74.5	0.707	1.34
delta-BHC	LCS946743	LCSD946743	87.0	86.0	86.5	0.707	1.16
gamma-BHC	LCS946620	LCSD946620	101	103	102	1.41	1.96
gamma-BHC	LCS946743	LCSD946743	99.0	97.0	98.0	1.41	2.04

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TABLE A-3.2 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate							
1,2,4-Trichlorobenzene	LCS946534	LCSD946534	98.0	92.0	95.0	4.24	6.32
1,2,4-Trichlorobenzene	LCS946628	LCSD946628	96.0	104	100	5.66	8.00
1,2-Dichlorobenzene	LCS946534	LCSD946534	97.0	91.0	94.0	4.24	6.38
1,2-Dichlorobenzene	LCS946628	LCSD946628	94.0	100	97.0	4.24	6.19
1,3-Dichlorobenzene	LCS946534	LCSD946534	94.0	88.0	91.0	4.24	6.59
1,3-Dichlorobenzene	LCS946628	LCSD946628	90.0	97.0	93.5	4.95	7.49
1,4-Dichlorobenzene	LCS946534	LCSD946534	92.0	86.0	89.0	4.24	6.74
1,4-Dichlorobenzene	LCS946628	LCSD946628	87.0	95.0	91.0	5.66	8.79
2,4,5-Trichlorophenol	LCS946534	LCSD946534	104	98.0	101	4.24	5.94
2,4,5-Trichlorophenol	LCS946628	LCSD946628	108	102	105	4.24	5.71
2,4,6-Trichlorophenol	LCS946534	LCSD946534	85.0	83.0	84.0	1.41	2.38
2,4,6-Trichlorophenol	LCS946628	LCSD946628	90.0	85.0	87.5	3.54	5.71
2,4-Dichlorophenol	LCS946534	LCSD946534	97.0	88.0	92.5	6.36	9.73
2,4-Dichlorophenol	LCS946628	LCSD946628	99.0	95.0	97.0	2.83	4.12
2,4-Dimethylphenol	LCS946534	LCSD946534	64.0	60.0	62.0	2.83	6.45
2,4-Dimethylphenol	LCS946628	LCSD946628	72.0	85.0	78.5	9.19	16.6
2,4-Dinitrophenol	LCS946534	LCSD946534	64.0	68.0	66.0	2.83	6.06
2,4-Dinitrophenol	LCS946628	LCSD946628	152	142	147	7.07	6.80
2,4-Dinitrotoluene	LCS946534	LCSD946534	103	99.0	101	2.83	3.96
2,4-Dinitrotoluene	LCS946628	LCSD946628	106	103	105	2.12	2.87
2,6-Dinitrotoluene	LCS946534	LCSD946534	113	112	113	0.707	0.889
2,6-Dinitrotoluene	LCS946628	LCSD946628	119	113	116	4.24	5.17
2-Chloronaphthalene	LCS946534	LCSD946534	93.0	91.0	92.0	1.41	2.17
2-Chloronaphthalene	LCS946628	LCSD946628	92.0	94.0	93.0	1.41	2.15
2-Chlorophenol	LCS946534	LCSD946534	96.0	89.0	92.5	4.95	7.57
2-Chlorophenol	LCS946628	LCSD946628	98.0	97.0	97.5	0.707	1.03
2-Methylnaphthalene	LCS946534	LCSD946534	105	101	103	2.83	3.88

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TABLE A-3.2 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
2-Methylnaphthalene	LCS946628	LCSD946628	103	109	106	4.24	5.66
2-Methylphenol	LCS946534	LCSD946534	91.0	85.0	88.0	4.24	6.82
2-Methylphenol	LCS946628	LCSD946628	94.0	95.0	94.5	0.707	1.06
2-Nitroaniline	LCS946534	LCSD946534	107	105	106	1.41	1.89
2-Nitroaniline	LCS946628	LCSD946628	106	104	105	1.41	1.90
2-Nitrophenol	LCS946534	LCSD946534	103	97.0	100	4.24	6.00
2-Nitrophenol	LCS946628	LCSD946628	106	102	104	2.83	3.85
3,3'-Dichlorobenzidine	LCS946534	LCSD946534	129	124	127	3.54	3.95
3,3'-Dichlorobenzidine	LCS946628	LCSD946628	150	36.0	93.0	80.6	123
3-Nitroaniline	LCS946534	LCSD946534	110	107	109	2.12	2.76
3-Nitroaniline	LCS946628	LCSD946628	115	107	111	5.66	7.21
4,6-Dinitro-2-methylphenol	LCS946534	LCSD946534	63.0	72.0	67.5	6.36	13.3
4,6-Dinitro-2-methylphenol	LCS946628	LCSD946628	139	129	134	7.07	7.46
4-Bromophenyl phenyl ether	LCS946534	LCSD946534	99.0	99.0	99.0	0.00	0.00
4-Bromophenyl phenyl ether	LCS946628	LCSD946628	106	101	104	3.54	4.83
4-Chloro-3-methylphenol	LCS946534	LCSD946534	99.0	93.0	96.0	4.24	6.25
4-Chloro-3-methylphenol	LCS946628	LCSD946628	98.0	97.0	97.5	0.707	1.03
4-Chlorophenyl phenyl ether	LCS946534	LCSD946534	111	110	111	0.707	0.905
4-Chlorophenyl phenyl ether	LCS946628	LCSD946628	113	112	113	0.707	0.889
4-Methylphenol/3-Methylphenol	LCS946534	LCSD946534	89.0	85.0	87.0	2.83	4.60
4-Methylphenol/3-Methylphenol	LCS946628	LCSD946628	93.0	94.0	93.5	0.707	1.07
4-Nitroaniline	LCS946534	LCSD946534	96.0	98.0	97.0	1.41	2.06
4-Nitroaniline	LCS946628	LCSD946628	104	97.0	101	4.95	6.97
4-Nitrophenol	LCS946534	LCSD946534	110	105	108	3.54	4.65
4-Nitrophenol	LCS946628	LCSD946628	111	106	109	3.54	4.61
Acenaphthene	LCS946534	LCSD946534	101	93.0	97.0	5.66	8.25
Acenaphthene	LCS946628	LCSD946628	102	101	102	0.707	0.985

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TABLE A-3.2 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Acenaphthylene	LCS946534	LCSD946534	109	104	107	3.54	4.69
Acenaphthylene	LCS946628	LCSD946628	111	109	110	1.41	1.82
Anthracene	LCS946534	LCSD946534	109	106	108	2.12	2.79
Anthracene	LCS946628	LCSD946628	114	113	114	0.707	0.881
Benzo(a)anthracene	LCS946534	LCSD946534	107	104	106	2.12	2.84
Benzo(a)anthracene	LCS946628	LCSD946628	113	113	113	0.00	0.00
Benzo(a)pyrene	LCS946534	LCSD946534	100	101	101	0.707	0.995
Benzo(a)pyrene	LCS946628	LCSD946628	106	107	107	0.707	0.939
Benzo(b)fluoranthene	LCS946534	LCSD946534	102	90.0	96.0	8.49	12.5
Benzo(b)fluoranthene	LCS946628	LCSD946628	107	99.0	103	5.66	7.77
Benzo(g,h,i)perylene	LCS946534	LCSD946534	108	107	108	0.707	0.930
Benzo(g,h,i)perylene	LCS946628	LCSD946628	126	126	126	0.00	0.00
Benzo(k)fluoranthene	LCS946534	LCSD946534	102	82.0	92.0	14.1	21.7
Benzo(k)fluoranthene	LCS946628	LCSD946628	106	116	111	7.07	9.01
Benzoic acid	LCS946534	LCSD946534	93.0	94.0	93.5	0.707	1.07
Benzoic acid	LCS946628	LCSD946628	94.0	94.0	94.0	0.00	0.00
Benzyl alcohol	LCS946534	LCSD946534	106	103	105	2.12	2.87
Benzyl alcohol	LCS946628	LCSD946628	107	109	108	1.41	1.85
Butylbenzylphthalate	LCS946534	LCSD946534	115	105	110	7.07	9.09
Butylbenzylphthalate	LCS946628	LCSD946628	112	114	113	1.41	1.77
Chrysene	LCS946534	LCSD946534	105	98.0	102	4.95	6.90
Chrysene	LCS946628	LCSD946628	103	103	103	0.00	0.00
Di-n-octylphthalate	LCS946534	LCSD946534	121	117	119	2.83	3.36
Di-n-octylphthalate	LCS946628	LCSD946628	122	127	125	3.54	4.02
Dibenz(a,h)anthracene	LCS946534	LCSD946534	95.0	94.0	94.5	0.707	1.06
Dibenz(a,h)anthracene	LCS946628	LCSD946628	105	105	105	0.00	0.00
Dibenzofuran	LCS946534	LCSD946534	105	99.0	102	4.24	5.88

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NC = Not Calculable () = Data Flag

TABLE A-3.2 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Dibenzofuran	LCS946628	LCSD946628	105	104	105	0.707	0.957
Dibutylphthalate	LCS946534	LCSD946534	105	105	105	0.00	0.00
Dibutylphthalate	LCS946628	LCSD946628	111	109	110	1.41	1.82
Diethylphthalate	LCS946534	LCSD946534	109	107	108	1.41	1.85
Diethylphthalate	LCS946628	LCSD946628	112	110	111	1.41	1.80
Dimethylphthalate	LCS946534	LCSD946534	106	103	105	2.12	2.87
Dimethylphthalate	LCS946628	LCSD946628	109	106	108	2.12	2.79
Diphenylamine	LCS946534	LCSD946534	95.0	96.0	95.5	0.707	1.05
Diphenylamine	LCS946628	LCSD946628	102	87.0	94.5	10.6	15.9
Fluoranthene	LCS946534	LCSD946534	98.0	99.0	98.5	0.707	1.02
Fluoranthene	LCS946628	LCSD946628	105	104	105	0.707	0.957
Fluorene	LCS946534	LCSD946534	93.0	92.0	92.5	0.707	1.08
Fluorene	LCS946628	LCSD946628	94.0	91.0	92.5	2.12	3.24
Hexachlorobenzene	LCS946534	LCSD946534	98.0	100	99.0	1.41	2.02
Hexachlorobenzene	LCS946628	LCSD946628	104	105	105	0.707	0.957
Hexachlorobutadiene	LCS946534	LCSD946534	95.0	93.0	94.0	1.41	2.13
Hexachlorobutadiene	LCS946628	LCSD946628	88.0	103	95.5	10.6	15.7
Hexachlorocyclopentadiene	LCS946534	LCSD946534	45.0	49.0	47.0	2.83	8.51
Hexachlorocyclopentadiene	LCS946628	LCSD946628	98.0	119	109	14.8	19.4
Hexachloroethane	LCS946534	LCSD946534	101	95.0	98.0	4.24	6.12
Hexachloroethane	LCS946628	LCSD946628	94.0	108	101	9.90	13.9
Indeno(1,2,3-cd)pyrene	LCS946534	LCSD946534	96.0	95.0	95.5	0.707	1.05
Indeno(1,2,3-cd)pyrene	LCS946628	LCSD946628	107	110	109	2.12	2.76
Isophorone	LCS946534	LCSD946534	110	107	109	2.12	2.76
Isophorone	LCS946628	LCSD946628	110	112	111	1.41	1.80
N-Nitroso-di-n-propylamine	LCS946534	LCSD946534	102	102	102	0.00	0.00
N-Nitroso-di-n-propylamine	LCS946628	LCSD946628	104	110	107	4.24	5.61

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NC = Not Calculable () = Data Flag

TABLE A-3.2 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Naphthalene	LCS946534	LCSD946534	98.0	94.0	96.0	2.83	4.17
Naphthalene	LCS946628	LCSD946628	97.0	101	99.0	2.83	4.04
Nitrobenzene	LCS946534	LCSD946534	102	97.0	99.5	3.54	5.03
Nitrobenzene	LCS946628	LCSD946628	100	102	101	1.41	1.98
Pentachlorophenol	LCS946534	LCSD946534	92.0	82.0	87.0	7.07	11.5
Pentachlorophenol	LCS946628	LCSD946628	95.0	85.0	90.0	7.07	11.1
Phenanthrene	LCS946534	LCSD946534	95.0	91.0	93.0	2.83	4.30
Phenanthrene	LCS946628	LCSD946628	98.0	97.0	97.5	0.707	1.03
Phenol	LCS946534	LCSD946534	97.0	91.0	94.0	4.24	6.38
Phenol	LCS946628	LCSD946628	98.0	97.0	97.5	0.707	1.03
Pyrene	LCS946534	LCSD946534	103	99.0	101	2.83	3.96
Pyrene	LCS946628	LCSD946628	106	107	107	0.707	0.939
bis(2-Chloroethoxy)methane	LCS946534	LCSD946534	95.0	93.0	94.0	1.41	2.13
bis(2-Chloroethoxy)methane	LCS946628	LCSD946628	97.0	98.0	97.5	0.707	1.03
bis(2-Chloroethyl)ether	LCS946534	LCSD946534	93.0	90.0	91.5	2.12	3.28
bis(2-Chloroethyl)ether	LCS946628	LCSD946628	94.0	95.0	94.5	0.707	1.06
bis(2-Chloroisopropyl)ether	LCS946534	LCSD946534	90.0	87.0	88.5	2.12	3.39
bis(2-Chloroisopropyl)ether	LCS946628	LCSD946628	90.0	94.0	92.0	2.83	4.35
bis(2-Ethylhexyl)phthalate	LCS946534	LCSD946534	131	100	116	21.9	26.8
bis(2-Ethylhexyl)phthalate	LCS946628	LCSD946628	106	108	107	1.41	1.87
p-Chloroaniline	LCS946534	LCSD946534	105	104	105	0.707	0.957
p-Chloroaniline	LCS946628	LCSD946628	106	96.0	101	7.07	9.90

Compiled: 22 March 1995

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TABLE A-3.2 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8280 - Dioxins and Furans							
Type of Duplicate : Laboratory Control Duplicate							
2,3,7,8-TCDD	LCS946720	LCSD946720	99.0	99.0	99.0	0.00	0.00

Compiled: 22 March 1995

NC = Not Calculable () = Data Flag

ATTACHMENT C - APPENDIX B

Table A-3.3

Detailed Listing of Solid Duplicate Results - 1994 Soil Samples

TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = AK101 - Gasoline Range Organics							
Type of Duplicate : Matrix Spike Duplicate							
Gasoline Range Organics	G94-DD-SS-01	G94-DD-SS-01	NR	NR	NC	NC	NC
Gasoline Range Organics	G94-PO-SS-01	G94-PO-SS-01	89.0	87.0	88.0	1.41	2.27
Method = AK102 - Diesel Range Organics							
Type of Duplicate : Matrix Spike Duplicate							
Diesel Range Organics	G94-DD-SS-01	G94-DD-SS-01	121	124	123	2.12	2.45
Diesel Range Organics	G94-PO-SS-01	G94-PO-SS-01	126	103	115	16.3	20.1
Method = SW6010 - Metals							
Type of Duplicate : Laboratory Control Duplicate							
Aluminum	218M946638	218MD946638	100	101	101	0.707	0.995
Aluminum	218M946665	218MD946665	88.0	91.0	89.5	2.12	3.35
Antimony	218M946638	218MD946638	91.0	80.0	85.5	7.78	12.9
Antimony	218M946665	218MD946665	145	129	137	11.3	11.7
Arsenic	218M946638	218MD946638	82.0	90.0	86.0	5.66	9.30
Arsenic	218M946665	218MD946665	94.0	94.0	94.0	0.00	0.00
Barium	218M946638	218MD946638	99.0	98.0	98.5	0.707	1.02
Barium	218M946665	218MD946665	97.0	98.0	97.5	0.707	1.03
Beryllium	218M946638	218MD946638	98.0	99.0	98.5	0.707	1.02
Beryllium	218M946665	218MD946665	99.0	99.0	99.0	0.00	0.00
Cadmium	218M946638	218MD946638	94.0	96.0	95.0	1.41	2.11
Cadmium	218M946665	218MD946665	96.0	96.0	96.0	0.00	0.00
Calcium	218M946638	218MD946638	100	101	101	0.707	0.995

Compiled: 22 March 1995

NC = Not Calculable () = Data Flag

TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Calcium	218M946665	218MD946665	100	100	100	0.00	0.00
Chromium	218M946638	218MD946638	94.0	95.0	94.5	0.707	1.06
Chromium	218M946665	218MD946665	92.0	92.0	92.0	0.00	0.00
Cobalt	218M946638	218MD946638	97.0	97.0	97.0	0.00	0.00
Cobalt	218M946665	218MD946665	98.0	98.0	98.0	0.00	0.00
Copper	218M946638	218MD946638	96.0	95.0	95.5	0.707	1.05
Copper	218M946665	218MD946665	96.0	95.0	95.5	0.707	1.05
Iron	218M946638	218MD946638	104	101	103	2.12	2.93
Iron	218M946665	218MD946665	108	109	109	0.707	0.922
Lead	218M946638	218MD946638	91.0	89.0	90.0	1.41	2.22
Lead	218M946665	218MD946665	88.0	86.0	87.0	1.41	2.30
Magnesium	218M946638	218MD946638	104	104	104	0.00	0.00
Magnesium	218M946665	218MD946665	102	102	102	0.00	0.00
Manganese	218M946638	218MD946638	98.0	98.0	98.0	0.00	0.00
Manganese	218M946665	218MD946665	99.0	99.0	99.0	0.00	0.00
Molybdenum	218M946638	218MD946638	100	100	100	0.00	0.00
Molybdenum	218M946665	218MD946665	103	102	103	0.707	0.976
Nickel	218M946638	218MD946638	99.0	99.0	99.0	0.00	0.00
Nickel	218M946665	218MD946665	100	98.0	99.0	1.41	2.02
Potassium	218M946638	218MD946638	100	102	101	1.41	1.98
Potassium	218M946665	218MD946665	97.0	96.0	96.5	0.707	1.04
Selenium	218M946638	218MD946638	90.0	91.0	90.5	0.707	1.10
Selenium	218M946665	218MD946665	89.0	91.0	90.0	1.41	2.22
Silver	218M946638	218MD946638	88.0	88.0	88.0	0.00	0.00
Silver	218M946665	218MD946665	90.0	90.0	90.0	0.00	0.00
Sodium	218M946638	218MD946638	100	102	101	1.41	1.98
Sodium	218M946665	218MD946665	98.0	98.0	98.0	0.00	0.00

TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Thallium	218M946638	218MD946638	97.0	98.0	97.5	0.707	1.03
Thallium	218M946665	218MD946665	101	94.0	97.5	4.95	7.18
Vanadium	218M946638	218MD946638	98.0	97.0	97.5	0.707	1.03
Vanadium	218M946665	218MD946665	98.0	98.0	98.0	0.00	0.00
Zinc	218M946638	218MD946638	95.0	95.0	95.0	0.00	0.00
Zinc	218M946665	218MD946665	95.0	96.0	95.5	0.707	1.05
Method = SW6010 - Metals							
Type of Duplicate : Matrix Spike Duplicate							
Aluminum	G94-PO-SS-01	G94-PO-SS-01	112	110	111	1.41	1.80
Antimony	G94-PO-SS-01	G94-PO-SS-01	48.0	56.0	52.0	5.66	15.4
Arsenic	G94-PO-SS-01	G94-PO-SS-01	82.0	84.0	83.0	1.41	2.41
Barium	G94-PO-SS-01	G94-PO-SS-01	109	105	107	2.83	3.74
Beryllium	G94-PO-SS-01	G94-PO-SS-01	90.0	91.0	90.5	0.707	1.10
Cadmium	G94-PO-SS-01	G94-PO-SS-01	79.0	79.0	79.0	0.00	0.00
Calcium	G94-PO-SS-01	G94-PO-SS-01	91.0	95.0	93.0	2.83	4.30
Chromium	G94-PO-SS-01	G94-PO-SS-01	81.0	82.0	81.5	0.707	1.23
Cobalt	G94-PO-SS-01	G94-PO-SS-01	81.0	81.0	81.0	0.00	0.00
Copper	G94-PO-SS-01	G94-PO-SS-01	86.0	87.0	86.5	0.707	1.16
Iron	G94-PO-SS-01	G94-PO-SS-01	61.0	73.0	67.0	8.49	17.9
Lead	G94-PO-SS-01	G94-PO-SS-01	77.0	73.0	75.0	2.83	5.33
Magnesium	G94-PO-SS-01	G94-PO-SS-01	79.0	83.0	81.0	2.83	4.94
Manganese	G94-PO-SS-01	G94-PO-SS-01	77.0	86.0	81.5	6.36	11.0
Molybdenum	G94-PO-SS-01	G94-PO-SS-01	86.0	88.0	87.0	1.41	2.30
Nickel	G94-PO-SS-01	G94-PO-SS-01	78.0	77.0	77.5	0.707	1.29

Compiled: 22 March 1995

NC = Not Calculable () = Data Flag

TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals							
Type of Duplicate : Matrix Spike Duplicate , cont.							
Potassium	G94-PO-SS-01	G94-PO-SS-01	94.0	92.0	93.0	1.41	2.15
Selenium	G94-PO-SS-01	G94-PO-SS-01	80.0	87.0	83.5	4.95	8.38
Silver	G94-PO-SS-01	G94-PO-SS-01	82.0	82.0	82.0	0.00	0.00
Sodium	G94-PO-SS-01	G94-PO-SS-01	93.0	92.0	92.5	0.707	1.08
Thallium	G94-PO-SS-01	G94-PO-SS-01	82.0	72.0	77.0	7.07	13.0
Vanadium	G94-PO-SS-01	G94-PO-SS-01	87.0	86.0	86.5	0.707	1.16
Zinc	G94-PO-SS-01	G94-PO-SS-01	78.0	80.0	79.0	1.41	2.53
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Laboratory Control Duplicate							
4,4'-DDT	LCS946618	LCSD946618	81.0	89.0	85.0	5.66	9.41
4,4'-DDT	LCS946618	LCSD946618	82.0	90.0	86.0	5.66	9.30
4,4'-DDT	LCS946785	LCSD946785	90.0	91.0	90.5	0.707	1.10
4,4'-DDT	LCS946785	LCSD946785	82.0	81.0	81.5	0.707	1.23
4,4'-DDT	LCS946787	LCSD946787	95.0	90.0	92.5	3.54	5.41
Aldrin	LCS946618	LCSD946618	83.0	86.0	84.5	2.12	3.55
Aldrin	LCS946618	LCSD946618	81.0	88.0	84.5	4.95	8.28
Aldrin	LCS946785	LCSD946785	93.0	91.0	92.0	1.41	2.17
Aldrin	LCS946785	LCSD946785	92.0	91.0	91.5	0.707	1.09
Aldrin	LCS946787	LCSD946787	92.0	89.0	90.5	2.12	3.31
Dieldrin	LCS946618	LCSD946618	82.0	91.0	86.5	6.36	10.4
Dieldrin	LCS946618	LCSD946618	81.0	92.0	86.5	7.78	12.7
Dieldrin	LCS946785	LCSD946785	91.0	89.0	90.0	1.41	2.22
Dieldrin	LCS946785	LCSD946785	91.0	90.0	90.5	0.707	1.10
Dieldrin	LCS946787	LCSD946787	91.0	87.0	89.0	2.83	4.49

TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Endosulfan II	LCS946618	LCSD946618	77.0	87.0	82.0	7.07	12.2
Endosulfan II	LCS946618	LCSD946618	77.0	88.0	82.5	7.78	13.3
Endosulfan II	LCS946785	LCSD946785	94.0	92.0	93.0	1.41	2.15
Endosulfan II	LCS946785	LCSD946785	93.0	93.0	93.0	0.00	0.00
Endosulfan II	LCS946787	LCSD946787	92.0	89.0	90.5	2.12	3.31
Endrin	LCS946618	LCSD946618	79.0	88.0	83.5	6.36	10.8
Endrin	LCS946618	LCSD946618	79.0	87.0	83.0	5.66	9.64
Endrin	LCS946785	LCSD946785	75.0	64.0	69.5	7.78	15.8
Endrin	LCS946785	LCSD946785	74.0	62.0	68.0	8.49	17.6
Endrin	LCS946787	LCSD946787	90.0	71.0	80.5	13.4	23.6
Endrin Aldehyde	LCS946618	LCSD946618	< 0.638	2.70	NC	NC	NC
Endrin Aldehyde	LCS946618	LCSD946618	< 0.638 (J)	2.10	NC	NC	NC
Endrin Aldehyde	LCS946785	LCSD946785	6.20	25.0	15.6	13.3	121
Endrin Aldehyde	LCS946785	LCSD946785	6.10	24.0	15.1	12.7	119
Endrin Aldehyde	LCS946787	LCSD946787	< 0.638 (J)	5.70	NC	NC	NC
Heptachlor	LCS946618	LCSD946618	79.0	87.0	83.0	5.66	9.64
Heptachlor	LCS946618	LCSD946618	81.0	88.0	84.5	4.95	8.28
Heptachlor	LCS946785	LCSD946785	97.0	95.0	96.0	1.41	2.08
Heptachlor	LCS946785	LCSD946785	96.0	95.0	95.5	0.707	1.05
Heptachlor	LCS946787	LCSD946787	96.0	92.0	94.0	2.83	4.26
Heptachlor epoxide	LCS946618	LCSD946618	92.0	101	96.5	6.36	9.33
Heptachlor epoxide	LCS946618	LCSD946618	92.0	100	96.0	5.66	8.33
Heptachlor epoxide	LCS946785	LCSD946785	97.0	95.0	96.0	1.41	2.08
Heptachlor epoxide	LCS946785	LCSD946785	98.0	96.0	97.0	1.41	2.06
Heptachlor epoxide	LCS946787	LCSD946787	99.0	98.0	98.5	0.707	1.02
Mirex	LCS946618	LCSD946618	90.0	93.0	91.5	2.12	3.28
Mirex	LCS946618	LCSD946618	93.0	95.0	94.0	1.41	2.13

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NC = Not Calculable () = Data Flag

TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Mirex	LCS946785	LCSD946785	90.0	88.0	89.0	1.41	2.25
Mirex	LCS946785	LCSD946785	92.0	90.0	91.0	1.41	2.20
Mirex	LCS946787	LCSD946787	91.0	87.0	89.0	2.83	4.49
PCB-1016	LCS946619	LCSD946619	129	82.0	106	33.2	44.5
PCB-1016	LCS946619	LCSD946619	122	82.0	102	28.3	39.2
PCB-1016	LCS946786	LCSD946786	87.0	90.0	88.5	2.12	3.39
PCB-1016	LCS946786	LCSD946786	88.0	90.0	89.0	1.41	2.25
PCB-1016	LCS946788	LCSD946788	91.0	90.0	90.5	0.707	1.10
PCB-1260	LCS946619	LCSD946619	85.0	86.0	85.5	0.707	1.17
PCB-1260	LCS946619	LCSD946619	86.0	86.0	86.0	0.00	0.00
PCB-1260	LCS946786	LCSD946786	84.0	86.0	85.0	1.41	2.35
PCB-1260	LCS946786	LCSD946786	83.0	85.0	84.0	1.41	2.38
PCB-1260	LCS946788	LCSD946788	88.0	85.0	86.5	2.12	3.47
alpha-BHC	LCS946618	LCSD946618	81.0	88.0	84.5	4.95	8.28
alpha-BHC	LCS946618	LCSD946618	79.0	88.0	83.5	6.36	10.8
alpha-BHC	LCS946785	LCSD946785	88.0	87.0	87.5	0.707	1.14
alpha-BHC	LCS946785	LCSD946785	88.0	87.0	87.5	0.707	1.14
alpha-BHC	LCS946787	LCSD946787	87.0	85.0	86.0	1.41	2.33
alpha-Chlordane	LCS946618	LCSD946618	82.0	91.0	86.5	6.36	10.4
alpha-Chlordane	LCS946618	LCSD946618	82.0	92.0	87.0	7.07	11.5
alpha-Chlordane	LCS946785	LCSD946785	98.0	96.0	97.0	1.41	2.06
alpha-Chlordane	LCS946785	LCSD946785	98.0	96.0	97.0	1.41	2.06
alpha-Chlordane	LCS946787	LCSD946787	98.0	94.0	96.0	2.83	4.17
delta-BHC	LCS946618	LCSD946618	77.0	77.0	77.0	0.00	0.00
delta-BHC	LCS946618	LCSD946618	75.0	76.0	75.5	0.707	1.32
delta-BHC	LCS946785	LCSD946785	83.0	81.0	82.0	1.41	2.44
delta-BHC	LCS946785	LCSD946785	84.0	83.0	83.5	0.707	1.20

Compiled: 22 March 1995

NC = Not C[illegible]lable () = Data Flag

TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Laboratory Control Duplicate , cont.							
delta-BHC	LCS946787	LCSD946787	82.0	79.0	80.5	2.12	3.73
gamma-BHC	LCS946618	LCSD946618	86.0	105	95.5	13.4	19.9
gamma-BHC	LCS946618	LCSD946618	85.0	104	94.5	13.4	20.1
gamma-BHC	LCS946785	LCSD946785	99.0	98.0	98.5	0.707	1.02
gamma-BHC	LCS946785	LCSD946785	100	98.0	99.0	1.41	2.02
gamma-BHC	LCS946787	LCSD946787	99.0	95.0	97.0	2.83	4.12
gamma-Chlordane	LCS946618	LCSD946618	77.0	85.0	81.0	5.66	9.88
gamma-Chlordane	LCS946618	LCSD946618	76.0	86.0	81.0	7.07	12.3
gamma-Chlordane	LCS946785	LCSD946785	91.0	90.0	90.5	0.707	1.10
gamma-Chlordane	LCS946785	LCSD946785	92.0	90.0	91.0	1.41	2.20
gamma-Chlordane	LCS946787	LCSD946787	91.0	88.0	89.5	2.12	3.35
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Matrix Spike Duplicate							
4,4'-DDT	G94-DD-SS-01	G94-DD-SS-01	265	267	266	1.41	0.752
4,4'-DDT	G94-MB-SS-01	G94-MB-SS-01	63.0	73.0	68.0	7.07	14.7
4,4'-DDT	G94-MB-SS-01	G94-MB-SS-01	64.0	73.0	68.5	6.36	13.1
4,4'-DDT	G94-MB-SS-21	G94-MB-SS-21	0.00	0.00	-108	72.8	95.8
4,4'-DDT	G94-PO-SS-01	G94-PO-SS-01	196	165	181	21.9	17.2
Aldrin	G94-DD-SS-01	G94-DD-SS-01	84.0	83.0	83.5	0.707	1.20
Aldrin	G94-MB-SS-01	G94-MB-SS-01	84.0	68.0	76.0	11.3	21.1
Aldrin	G94-MB-SS-01	G94-MB-SS-01	113	94.0	104	13.4	18.4
Aldrin	G94-MB-SS-21	G94-MB-SS-21	78.0	70.0	74.0	5.66	10.8
Aldrin	G94-PO-SS-01	G94-PO-SS-01	99.0	97.0	98.0	1.41	2.04
Dieldrin	G94-DD-SS-01	G94-DD-SS-01	320	221	271	70.0	36.6

Compiled: 22 March 1995

NC = Not Calculable () = Data Flag

TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticides and PCBs							
Type of Duplicate : Matrix Spike Duplicate , cont.							
Dieldrin	G94-MB-SS-01	G94-MB-SS-01	73.0	72.0	72.5	0.707	1.38
Dieldrin	G94-MB-SS-01	G94-MB-SS-01	70.0	73.0	71.5	2.12	4.20
Dieldrin	G94-MB-SS-21	G94-MB-SS-21	62.0	67.0	64.5	3.54	7.75
Dieldrin	G94-PO-SS-01	G94-PO-SS-01	92.0	92.0	92.0	0.00	0.00
Endrin	G94-DD-SS-01	G94-DD-SS-01	119	118	119	0.707	0.844
Endrin	G94-MB-SS-01	G94-MB-SS-01	74.0	76.0	75.0	1.41	2.67
Endrin	G94-MB-SS-01	G94-MB-SS-01	78.0	77.0	77.5	0.707	1.29
Endrin	G94-MB-SS-21	G94-MB-SS-21	89.0	78.0	83.5	7.78	13.2
Endrin	G94-PO-SS-01	G94-PO-SS-01	99.0	98.0	98.5	0.707	1.02
Heptachlor	G94-DD-SS-01	G94-DD-SS-01	< 12.0 (J)	56.0	NC	NC	NC
Heptachlor	G94-MB-SS-01	G94-MB-SS-01	71.0	76.0	73.5	3.54	6.80
Heptachlor	G94-MB-SS-01	G94-MB-SS-01	66.0	67.0	66.5	0.707	1.50
Heptachlor	G94-MB-SS-21	G94-MB-SS-21	< 12.7 (J)	< 12.8 (J)	NC	NC	NC
Heptachlor	G94-PO-SS-01	G94-PO-SS-01	97.0	96.0	96.5	0.707	1.04
gamma-BHC	G94-DD-SS-01	G94-DD-SS-01	131	131	131	0.00	0.00
gamma-BHC	G94-MB-SS-01	G94-MB-SS-01	83.0	88.0	85.5	3.54	5.85
gamma-BHC	G94-MB-SS-01	G94-MB-SS-01	100	101	101	0.707	0.995
gamma-BHC	G94-MB-SS-21	G94-MB-SS-21	132	122	127	7.07	7.87
gamma-BHC	G94-PO-SS-01	G94-PO-SS-01	98.0	97.0	97.5	0.707	1.03
Method = SW8240 - Volatile Organics							
Type of Duplicate : Laboratory Control Duplicate							
1,1,1-Trichloroethane	LCS946493	LCSD946494	103	117	110	9.90	12.7
1,1,2,2-Tetrachloroethane	LCS946493	LCSD946494	104	107	106	2.12	2.84
1,1,2-Trichloroethane	LCS946493	LCSD946494	89.0	96.0	92.5	4.95	7.57

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NC = Not Calculable () = Data Flag

TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8240 - Volatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
1,1-Dichloroethane	LCS946493	LCSD946494	92.0	106	99.0	9.90	14.1
1,1-Dichloroethene	LCS946493	LCSD946494	96.0	110	103	9.90	13.6
1,2-Dichloroethane	LCS946493	LCSD946494	97.0	111	104	9.90	13.5
1,2-Dichloropropane	LCS946493	LCSD946494	94.0	103	98.5	6.36	9.14
2-Chloroethyl vinyl ether	LCS946493	LCSD946494	200	219	210	13.4	9.07
2-Hexanone	LCS946493	LCSD946494	94.0	91.0	92.5	2.12	3.24
4-Methyl-2-Pentanone(MIBK)	LCS946493	LCSD946494	99.0	102	101	2.12	2.99
Acetone	LCS946493	LCSD946494	123	128	126	3.54	3.98
Benzene	LCS946493	LCSD946494	104	110	107	4.24	5.61
Bromodichloromethane	LCS946493	LCSD946494	97.0	102	99.5	3.54	5.03
Bromomethane	LCS946493	LCSD946494	79.0	88.0	83.5	6.36	10.8
Carbon disulfide	LCS946493	LCSD946494	94.0	107	101	9.19	12.9
Carbon tetrachloride	LCS946493	LCSD946494	105	107	106	1.41	1.89
Chlorobenzene	LCS946493	LCSD946494	91.0	92.0	91.5	0.707	1.09
Chloroethane	LCS946493	LCSD946494	87.0	96.0	91.5	6.36	9.84
Chloroform	LCS946493	LCSD946494	99.0	104	102	3.54	4.93
Chloromethane	LCS946493	LCSD946494	79.0	89.0	84.0	7.07	11.9
Dibromochloromethane	LCS946493	LCSD946494	83.0	86.0	84.5	2.12	3.55
Ethyl benzene	LCS946493	LCSD946494	86.0	93.0	89.5	4.95	7.82
Methyl ethyl ketone	LCS946493	LCSD946494	88.0	91.0	89.5	2.12	3.35
Methylene Chloride	LCS946493	LCSD946494	99.0	107	103	5.66	7.77
Styrene	LCS946493	LCSD946494	86.0	91.0	88.5	3.54	5.65
Tetrachloroethene	LCS946493	LCSD946494	89.0	90.0	89.5	0.707	1.12
Toluene	LCS946493	LCSD946494	96.0	102	99.0	4.24	6.06
Tribromomethane(Bromoform)	LCS946493	LCSD946494	75.0	77.0	76.0	1.41	2.63
Trichloroethene	LCS946493	LCSD946494	82.0	88.0	85.0	4.24	7.06
Vinyl Chloride	LCS946493	LCSD946494	76.0	84.0	80.0	5.66	10.0

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TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8240 - Volatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Vinyl acetate	LCS946493	LCSD946494	116	127	122	7.78	9.05
Xylene (total)	LCS946493	LCSD946494	89.0	95.0	92.0	4.24	6.52
cis-1,3-Dichloropropene	LCS946493	LCSD946494	93.0	99.0	96.0	4.24	6.25
trans-1,2-Dichloroethene	LCS946493	LCSD946494	94.0	106	100	8.49	12.0
trans-1,3-Dichloropropene	LCS946493	LCSD946494	89.0	98.0	93.5	6.36	9.63
Method = SW8240 - Volatile Organics							
Type of Duplicate : Matrix Spike Duplicate							
1,1-Dichloroethene	G94-PO-SS-01	G94-PO-SS-01	95.0	79.0	87.0	11.3	18.4
Benzene	G94-PO-SS-01	G94-PO-SS-01	111	99.0	105	8.49	11.4
Chlorobenzene	G94-PO-SS-01	G94-PO-SS-01	96.0	92.0	94.0	2.83	4.26
Toluene	G94-PO-SS-01	G94-PO-SS-01	99.0	88.0	93.5	7.78	11.8
Trichloroethene	G94-PO-SS-01	G94-PO-SS-01	81.0	75.0	78.0	4.24	7.69
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate							
1,2,4-Trichlorobenzene	LCS946649	LCSD946649	105	103	104	1.41	1.92
1,2-Dichlorobenzene	LCS946649	LCSD946649	106	100	103	4.24	5.83
1,3-Dichlorobenzene	LCS946649	LCSD946649	105	101	103	2.83	3.88
1,4-Dichlorobenzene	LCS946649	LCSD946649	99.0	99.0	99.0	0.00	0.00
2,4,5-Trichlorophenol	LCS946649	LCSD946649	106	101	104	3.54	4.83
2,4,6-Trichlorophenol	LCS946649	LCSD946649	87.0	84.0	85.5	2.12	3.51
2,4-Dichlorophenol	LCS946649	LCSD946649	99.0	100	99.5	0.707	1.01

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TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
2,4-Dimethylphenol	LCS946649	LCSD946649	68.0	65.0	66.5	2.12	4.51
2,4-Dinitrophenol	LCS946649	LCSD946649	130	128	129	1.41	1.55
2,4-Dinitrotoluene	LCS946649	LCSD946649	101	99.0	100	1.41	2.00
2,6-Dinitrotoluene	LCS946649	LCSD946649	116	111	114	3.54	4.41
2-Chloronaphthalene	LCS946649	LCSD946649	94.0	89.0	91.5	3.54	5.46
2-Chlorophenol	LCS946649	LCSD946649	102	100	101	1.41	1.98
2-Methylnaphthalene	LCS946649	LCSD946649	108	107	108	0.707	0.930
2-Methylphenol	LCS946649	LCSD946649	96.0	93.0	94.5	2.12	3.17
2-Nitroaniline	LCS946649	LCSD946649	104	100	102	2.83	3.92
2-Nitrophenol	LCS946649	LCSD946649	109	106	108	2.12	2.79
3,3'-Dichlorobenzidine	LCS946649	LCSD946649	147	139	143	5.66	5.59
3-Nitroaniline	LCS946649	LCSD946649	110	105	108	3.54	4.65
4,6-Dinitro-2-methylphenol	LCS946649	LCSD946649	130	123	127	4.95	5.53
4-Bromophenyl phenyl ether	LCS946649	LCSD946649	106	108	107	1.41	1.87
4-Chloro-3-methylphenol	LCS946649	LCSD946649	99.0	99.0	99.0	0.00	0.00
4-Chlorophenyl phenyl ether	LCS946649	LCSD946649	114	108	111	4.24	5.41
4-Methylphenol/3-Methylphenol	LCS946649	LCSD946649	95.0	94.0	94.5	0.707	1.06
4-Nitroaniline	LCS946649	LCSD946649	96.0	92.0	94.0	2.83	4.26
4-Nitrophenol	LCS946649	LCSD946649	104	103	104	0.707	0.966
Acenaphthene	LCS946649	LCSD946649	97.0	98.0	97.5	0.707	1.03
Acenaphthylene	LCS946649	LCSD946649	112	108	110	2.83	3.64
Anthracene	LCS946649	LCSD946649	112	110	111	1.41	1.80
Benzo(a)anthracene	LCS946649	LCSD946649	117	110	114	4.95	6.17
Benzo(a)pyrene	LCS946649	LCSD946649	104	104	104	0.00	0.00
Benzo(b)fluoranthene	LCS946649	LCSD946649	103	100	102	2.12	2.96
Benzo(g,h,i)perylene	LCS946649	LCSD946649	123	117	120	4.24	5.00
Benzo(k)fluoranthene	LCS946649	LCSD946649	119	123	121	2.83	3.31

Compiled: 22 March 1995

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TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
Benzoic acid	LCS946649	LCSD946649	71.0	69.0	70.0	1.41	2.86
Benzyl alcohol	LCS946649	LCSD946649	109	110	110	0.707	0.913
Butylbenzylphthalate	LCS946649	LCSD946649	118	112	115	4.24	5.22
Chrysene	LCS946649	LCSD946649	111	100	106	7.78	10.4
Di-n-octylphthalate	LCS946649	LCSD946649	130	131	131	0.707	0.766
Dibenz(a,h)anthracene	LCS946649	LCSD946649	107	99.0	103	5.66	7.77
Dibenzofuran	LCS946649	LCSD946649	104	100	102	2.83	3.92
Dibutylphthalate	LCS946649	LCSD946649	116	111	114	3.54	4.41
Diethylphthalate	LCS946649	LCSD946649	112	109	111	2.12	2.71
Dimethylphthalate	LCS946649	LCSD946649	109	104	107	3.54	4.69
Diphenylamine	LCS946649	LCSD946649	104	98.0	101	4.24	5.94
Fluoranthene	LCS946649	LCSD946649	105	104	105	0.707	0.957
Fluorene	LCS946649	LCSD946649	93.0	90.0	91.5	2.12	3.28
Hexachlorobenzene	LCS946649	LCSD946649	101	108	105	4.95	6.70
Hexachlorobutadiene	LCS946649	LCSD946649	106	100	103	4.24	5.83
Hexachlorocyclopentadiene	LCS946649	LCSD946649	44.0	44.0	44.0	0.00	0.00
Hexachloroethane	LCS946649	LCSD946649	110	113	112	2.12	2.69
Indeno(1,2,3-cd)pyrene	LCS946649	LCSD946649	107	104	106	2.12	2.84
Isophorone	LCS946649	LCSD946649	112	112	112	0.00	0.00
N-Nitroso-di-n-propylamine	LCS946649	LCSD946649	107	106	107	0.707	0.939
Naphthalene	LCS946649	LCSD946649	105	104	105	0.707	0.957
Nitrobenzene	LCS946649	LCSD946649	106	104	105	1.41	1.90
Pentachlorophenol	LCS946649	LCSD946649	93.0	91.0	92.0	1.41	2.17
Phenanthrene	LCS946649	LCSD946649	99.0	97.0	98.0	1.41	2.04
Phenol	LCS946649	LCSD946649	102	101	102	0.707	0.985
Pyrene	LCS946649	LCSD946649	108	107	108	0.707	0.930
bis(2-Chloroethoxy)methane	LCS946649	LCSD946649	99.0	101	100	1.41	2.00

TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Laboratory Control Duplicate , cont.							
bis(2-Chloroethyl)ether	LCS946649	LCSD946649	98.0	96.0	97.0	1.41	2.06
bis(2-Chloroisopropyl)ether	LCS946649	LCSD946649	95.0	95.0	95.0	0.00	0.00
bis(2-Ethylhexyl)phthalate	LCS946649	LCSD946649	113	106	110	4.95	6.39
p-Chloroaniline	LCS946649	LCSD946649	108	105	107	2.12	2.82
Method = SW8270 - Semivolatile Organics							
Type of Duplicate : Matrix Spike Duplicate							
1,2,4-Trichlorobenzene	G94-PO-SS-01	G94-PO-SS-01	97.0	102	99.5	3.54	5.03
1,4-Dichlorobenzene	G94-PO-SS-01	G94-PO-SS-01	91.0	91.0	91.0	0.00	0.00
2,4-Dinitrotoluene	G94-PO-SS-01	G94-PO-SS-01	92.0	97.0	94.5	3.54	5.29
2-Chlorophenol	G94-PO-SS-01	G94-PO-SS-01	92.0	90.0	91.0	1.41	2.20
4-Chloro-3-methylphenol	G94-PO-SS-01	G94-PO-SS-01	91.0	96.0	93.5	3.54	5.35
4-Nitrophenol	G94-PO-SS-01	G94-PO-SS-01	98.0	106	102	5.66	7.84
Acenaphthene	G94-PO-SS-01	G94-PO-SS-01	89.0	97.0	93.0	5.66	8.60
N-Nitroso-di-n-propylamine	G94-PO-SS-01	G94-PO-SS-01	96.0	99.0	97.5	2.12	3.08
Pentachlorophenol	G94-PO-SS-01	G94-PO-SS-01	90.0	91.0	90.5	0.707	1.10
Phenol	G94-PO-SS-01	G94-PO-SS-01	88.0	89.0	88.5	0.707	1.13
Pyrene	G94-PO-SS-01	G94-PO-SS-01	109	109	109	0.00	0.00
Method = SW8280 - Dioxins and Furans							
Type of Duplicate : Laboratory Control Duplicate							
2,3,7,8-TCDD	LCS946617	LCSD946617	82.0	87.0	84.5	3.54	5.92
2,3,7,8-TCDD	LCS947095	LCSD947095	75.0	77.0	76.0	1.41	2.63

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ATTACHMENT C - APPENDIX B

Table A-4.1

Date Summary - 1994 Water Samples

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
Sample ID : G94-01-HA-11-01-EB EB					
SW8280 - Dioxins and Furans	9/23/94	10/5/94	12 Days	10/19/94	14 Days
Sample ID : G94-01-MW-01 N					
A403 - Alkalinity	9/13/94	NA	NA	9/13/94	0 Days
AK101 - Gasoline Range Organics	9/13/94	9/19/94	6 Days	9/19/94	0 Days
AK102 - Diesel Range Organics	9/13/94	9/20/94	7 Days	9/21/94	1 Days
E170.1 - Temperature	9/13/94	NA	NA	9/13/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8260 - Volatile Organic Compounds	9/13/94	NA	NA	9/23/94	10 Days
SW9040 - pH Electrometric Measurement	9/13/94	NA	NA	9/13/94	0 Days
SW9050 - Specific Conductance	9/13/94	NA	NA	9/13/94	0 Days
Sample ID : G94-01-MW-01-FD FD					
A403 - Alkalinity	9/13/94	NA	NA	9/13/94	0 Days
AK101 - Gasoline Range Organics	9/13/94	9/19/94	6 Days	9/19/94	0 Days
AK102 - Diesel Range Organics	9/13/94	9/20/94	7 Days	9/21/94	1 Days
E170.1 - Temperature	9/13/94	NA	NA	9/13/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8260 - Volatile Organic Compounds	9/13/94	NA	NA	9/23/94	10 Days
SW9040 - pH Electrometric Measurement	9/13/94	NA	NA	9/13/94	0 Days
SW9050 - Specific Conductance	9/13/94	NA	NA	9/13/94	0 Days
Sample ID : G94-01-MW-02 N					
A403 - Alkalinity	9/13/94	NA	NA	9/13/94	0 Days
AK101 - Gasoline Range Organics	9/13/94	9/19/94	6 Days	9/19/94	0 Days
AK102 - Diesel Range Organics	9/13/94	9/20/94	7 Days	9/21/94	1 Days
E170.1 - Temperature	9/13/94	NA	NA	9/13/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8260 - Volatile Organic Compounds	9/13/94	NA	NA	9/23/94	10 Days
SW9040 - pH Electrometric Measurement	9/13/94	NA	NA	9/13/94	0 Days
SW9050 - Specific Conductance	9/13/94	NA	NA	9/13/94	0 Days
Sample ID : G94-01-MW-05 MS					
AK101 - Gasoline Range Organics	9/13/94	9/19/94	6 Days	9/19/94	0 Days
AK102 - Diesel Range Organics	9/13/94	9/20/94	7 Days	9/21/94	1 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
SW8260 - Volatile Organic Compounds	9/13/94	NA	NA	9/22/94	9 Days
Sample ID : G94-01-MW-05 MSD					
AK101 - Gasoline Range Organics	9/13/94	9/19/94	6 Days	9/19/94	0 Days
AK102 - Diesel Range Organics	9/13/94	9/20/94	7 Days	9/21/94	1 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8260 - Volatile Organic Compounds	9/13/94	NA	NA	9/23/94	10 Days
Sample ID : G94-01-MW-05 N					
A403 - Alkalinity	9/13/94	NA	NA	9/13/94	0 Days
AK101 - Gasoline Range Organics	9/13/94	9/19/94	6 Days	9/19/94	0 Days
AK102 - Diesel Range Organics	9/13/94	9/20/94	7 Days	9/21/94	1 Days
E170.1 - Temperature	9/13/94	NA	NA	9/13/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/29/94	9 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/29/94	9 Days
SW8260 - Volatile Organic Compounds	9/13/94	NA	NA	9/22/94	9 Days
SW9040 - pH Electrometric Measurement	9/13/94	NA	NA	9/13/94	0 Days
SW9050 - Specific Conductance	9/13/94	NA	NA	9/13/94	0 Days
Sample ID : G94-01-MW-06 N					
A403 - Alkalinity	9/16/94	NA	NA	9/16/94	0 Days
AK101 - Gasoline Range Organics	9/16/94	9/21/94	5 Days	9/21/94	0 Days
AK102 - Diesel Range Organics	9/16/94	9/20/94	4 Days	9/21/94	1 Days
E170.1 - Temperature	9/16/94	NA	NA	9/16/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/16/94	9/21/94	5 Days	10/13/94	22 Days
SW8080 - Organochlorine Pesticides and PCBs	9/16/94	9/21/94	5 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/16/94	NA	NA	9/23/94	7 Days
SW9040 - pH Electrometric Measurement	9/16/94	NA	NA	9/16/94	0 Days
SW9050 - Specific Conductance	9/16/94	NA	NA	9/16/94	0 Days
Sample ID : G94-01-MW-07 N					
A403 - Alkalinity	9/17/94	NA	NA	9/17/94	0 Days
AK101 - Gasoline Range Organics	9/17/94	9/22/94	5 Days	9/22/94	0 Days
AK102 - Diesel Range Organics	9/17/94	9/20/94	3 Days	9/21/94	1 Days
E170.1 - Temperature	9/17/94	NA	NA	9/17/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/17/94	9/21/94	4 Days	10/13/94	22 Days
SW8080 - Organochlorine Pesticides and PCBs	9/17/94	9/21/94	4 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/17/94	NA	NA	9/23/94	6 Days
SW9040 - pH Electrometric Measurement	9/17/94	NA	NA	9/17/94	0 Days
SW9050 - Specific Conductance	9/17/94	NA	NA	9/17/94	0 Days

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
Sample ID : G94-01-MW-08 N					
A403 - Alkalinity	9/16/94	NA	NA	9/16/94	0 Days
AK101 - Gasoline Range Organics	9/16/94	9/21/94	5 Days	9/21/94	0 Days
AK102 - Diesel Range Organics	9/16/94	9/20/94	4 Days	9/21/94	1 Days
E170.1 - Temperature	9/16/94	NA	NA	9/16/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/16/94	9/21/94	5 Days	10/13/94	22 Days
SW8080 - Organochlorine Pesticides and PCBs	9/16/94	9/21/94	5 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/16/94	NA	NA	9/23/94	7 Days
SW9040 - pH Electrometric Measurement	9/16/94	NA	NA	9/16/94	0 Days
SW9050 - Specific Conductance	9/16/94	NA	NA	9/16/94	0 Days
Sample ID : G94-02-GW-01 N					
A403 - Alkalinity	9/7/94	NA	NA	9/7/94	0 Days
AK101 - Gasoline Range Organics	9/7/94	9/15/94	8 Days	9/15/94	0 Days
AK102 - Diesel Range Organics	9/7/94	9/14/94	7 Days	9/17/94	3 Days
E170.1 - Temperature	9/7/94	NA	NA	9/7/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/7/94	9/13/94	6 Days	9/16/94	3 Days
SW8080 - Organochlorine Pesticides and PCBs	9/7/94	9/13/94	6 Days	9/16/94	3 Days
SW8260 - Volatile Organic Compounds	9/7/94	NA	NA	9/19/94	12 Days
SW8270 - Semivolatile Organics	9/7/94	9/12/94	5 Days	9/21/94	9 Days
SW9040 - pH Electrometric Measurement	9/7/94	NA	NA	9/7/94	0 Days
SW9050 - Specific Conductance	9/7/94	NA	NA	9/7/94	0 Days
Sample ID : G94-02-GW-03 N					
A403 - Alkalinity	9/7/94	NA	NA	9/7/94	0 Days
AK101 - Gasoline Range Organics	9/7/94	9/15/94	8 Days	9/15/94	0 Days
AK102 - Diesel Range Organics	9/7/94	9/14/94	7 Days	9/17/94	3 Days
E170.1 - Temperature	9/7/94	NA	NA	9/7/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/7/94	9/13/94	6 Days	9/16/94	3 Days
SW8080 - Organochlorine Pesticides and PCBs	9/7/94	9/13/94	6 Days	9/16/94	3 Days
SW8260 - Volatile Organic Compounds	9/7/94	NA	NA	9/19/94	12 Days
SW8270 - Semivolatile Organics	9/7/94	9/12/94	5 Days	9/21/94	9 Days
SW9040 - pH Electrometric Measurement	9/7/94	NA	NA	9/7/94	0 Days
SW9050 - Specific Conductance	9/7/94	NA	NA	9/7/94	0 Days
Sample ID : G94-02-GW-04 N					
A403 - Alkalinity	9/7/94	NA	NA	9/7/94	0 Days
AK101 - Gasoline Range Organics	9/7/94	9/15/94	8 Days	9/15/94	0 Days
AK102 - Diesel Range Organics	9/7/94	9/14/94	7 Days	9/17/94	3 Days
E170.1 - Temperature	9/7/94	NA	NA	9/7/94	0 Days
SW8260 - Volatile Organic Compounds	9/7/94	NA	NA	9/19/94	12 Days
SW8270 - Semivolatile Organics	9/7/94	9/12/94	5 Days	9/21/94	9 Days
SW9040 - pH Electrometric Measurement	9/7/94	NA	NA	9/7/94	0 Days

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
SW9050 - Specific Conductance	9/7/94	NA	NA	9/7/94	0 Days
Sample ID : G94-02-GW-04R N					
SW8080 - Organochlorine Pesticides and PCBs	9/17/94	9/21/94	4 Days	10/13/94	22 Days
SW8080 - Organochlorine Pesticides and PCBs	9/17/94	9/21/94	4 Days	10/13/94	22 Days
Sample ID : G94-04-MW-03 N					
A403 - Alkalinity	9/16/94	NA	NA	9/16/94	0 Days
E170.1 - Temperature	9/16/94	NA	NA	9/16/94	0 Days
SW6010 - Metals	9/16/94	9/27/94	11 Days	10/5/94	8 Days
SW7060 - Arsenic	9/16/94	9/26/94	10 Days	9/28/94	2 Days
SW7421 - Lead	9/16/94	9/27/94	11 Days	9/27/94	0 Days
SW9040 - pH Electrometric Measurement	9/16/94	NA	NA	9/16/94	0 Days
SW9050 - Specific Conductance	9/16/94	NA	NA	9/16/94	0 Days
Sample ID : G94-04-MW-03-02 MS					
SW6010 - Metals	9/28/94	10/13/94	15 Days	10/13/94	0 Days
SW7060 - Arsenic	9/28/94	10/5/94	7 Days	10/6/94	1 Days
SW7421 - Lead	9/28/94	10/5/94	7 Days	10/7/94	2 Days
Sample ID : G94-04-MW-03-02 MSD					
SW6010 - Metals	9/28/94	10/13/94	15 Days	10/13/94	0 Days
SW7060 - Arsenic	9/28/94	10/5/94	7 Days	10/6/94	1 Days
SW7421 - Lead	9/28/94	10/5/94	7 Days	10/7/94	2 Days
Sample ID : G94-04-MW-03-02 N					
SW6010 - Metals	9/28/94	10/13/94	15 Days	10/13/94	0 Days
SW7060 - Arsenic	9/28/94	10/5/94	7 Days	10/6/94	1 Days
SW7421 - Lead	9/28/94	10/5/94	7 Days	10/7/94	2 Days
Sample ID : G94-04-MW-03-02 PS					
SW7060 - Arsenic	9/28/94	10/5/94	7 Days	10/6/94	1 Days
SW7421 - Lead	9/28/94	10/5/94	7 Days	10/7/94	2 Days
Sample ID : G94-04-MW-03D MS					
SW7060 - Arsenic	9/16/94	9/26/94	10 Days	9/28/94	2 Days

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
Sample ID : G94-04-MW-03D MSD					
SW7060 - Arsenic	9/16/94	9/26/94	10 Days	9/28/94	2 Days
Sample ID : G94-04-MW-03D N					
SW6010 - Metals	9/16/94	9/27/94	11 Days	10/5/94	8 Days
SW7060 - Arsenic	9/16/94	9/26/94	10 Days	9/28/94	2 Days
SW7421 - Lead	9/16/94	9/27/94	11 Days	9/27/94	0 Days
Sample ID : G94-04-MW-03D PS					
SW7060 - Arsenic	9/16/94	9/26/94	10 Days	9/28/94	2 Days
Sample ID : G94-05-MW-02 N					
A403 - Alkalinity	9/20/94	NA	NA	9/20/94	0 Days
AK101 - Gasoline Range Organics	9/20/94	9/26/94	6 Days	9/26/94	0 Days
AK102 - Diesel Range Organics	9/20/94	9/26/94	6 Days	9/30/94	4 Days
E170.1 - Temperature	9/20/94	NA	NA	9/20/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/20/94	NA	NA	9/29/94	9 Days
SW8260 - Volatile Organic Compounds	9/20/94	NA	NA	9/30/94	10 Days
SW8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/28/94	2 Days
SW9040 - pH Electrometric Measurement	9/20/94	NA	NA	9/20/94	0 Days
SW9050 - Specific Conductance	9/20/94	NA	NA	9/20/94	0 Days
Sample ID : G94-05-MW-02-FD FD					
A403 - Alkalinity	9/20/94	NA	NA	9/20/94	0 Days
AK101 - Gasoline Range Organics	9/20/94	9/26/94	6 Days	9/26/94	0 Days
AK102 - Diesel Range Organics	9/20/94	9/26/94	6 Days	9/30/94	4 Days
E170.1 - Temperature	9/20/94	NA	NA	9/20/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/20/94	NA	NA	9/29/94	9 Days
SW8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/28/94	2 Days
SW9040 - pH Electrometric Measurement	9/20/94	NA	NA	9/20/94	0 Days
SW9050 - Specific Conductance	9/20/94	NA	NA	9/20/94	0 Days
Sample ID : G94-05-MW-03 N					
A403 - Alkalinity	9/20/94	NA	NA	9/20/94	0 Days
AK101 - Gasoline Range Organics	9/20/94	9/29/94	9 Days	9/29/94	0 Days

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
AK102 - Diesel Range Organics	9/20/94	9/26/94	6 Days	9/30/94	4 Days
E170.1 - Temperature	9/20/94	NA	NA	9/20/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/20/94	NA	NA	9/30/94	10 Days
SW8260 - Volatile Organic Compounds	9/20/94	NA	NA	9/29/94	9 Days
SW8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/28/94	2 Days
SW9040 - pH Electrometric Measurement	9/20/94	NA	NA	9/20/94	0 Days
SW9050 - Specific Conductance	9/20/94	NA	NA	9/20/94	0 Days
Sample ID : G94-05-MW-04 N					
A403 - Alkalinity	9/20/94	NA	NA	9/20/94	0 Days
AK101 - Gasoline Range Organics	9/20/94	9/30/94	10 Days	9/30/94	0 Days
AK102 - Diesel Range Organics	9/20/94	9/26/94	6 Days	9/30/94	4 Days
E170.1 - Temperature	9/20/94	NA	NA	9/20/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/20/94	NA	NA	9/30/94	10 Days
SW8260 - Volatile Organic Compounds	9/20/94	NA	NA	10/1/94	11 Days
SW8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/28/94	2 Days
SW8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/28/94	2 Days
SW9040 - pH Electrometric Measurement	9/20/94	NA	NA	9/20/94	0 Days
SW9050 - Specific Conductance	9/20/94	NA	NA	9/20/94	0 Days
Sample ID : G94-05-MW-05 N					
A403 - Alkalinity	9/20/94	NA	NA	9/20/94	0 Days
AK101 - Gasoline Range Organics	9/20/94	9/30/94	10 Days	9/30/94	0 Days
AK102 - Diesel Range Organics	9/20/94	9/26/94	6 Days	9/30/94	4 Days
E170.1 - Temperature	9/20/94	NA	NA	9/20/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/20/94	NA	NA	9/30/94	10 Days
SW8260 - Volatile Organic Compounds	9/20/94	NA	NA	9/29/94	9 Days
SW8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/27/94	1 Days
SW8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/28/94	2 Days
SW9040 - pH Electrometric Measurement	9/20/94	NA	NA	9/20/94	0 Days
SW9050 - Specific Conductance	9/20/94	NA	NA	9/20/94	0 Days
Sample ID : G94-05-MW-06 N					
A403 - Alkalinity	9/11/94	NA	NA	9/11/94	0 Days
AK101 - Gasoline Range Organics	9/11/94	9/17/94	6 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/11/94	9/14/94	3 Days	9/20/94	6 Days
E170.1 - Temperature	9/11/94	NA	NA	9/11/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/26/94	11 Days
SW8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/26/94	11 Days

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
SW8260 - Volatile Organic Compounds	9/11/94	NA	NA	9/22/94	11 Days
SW8270 - Semivolatile Organics	9/11/94	9/15/94	4 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/11/94	NA	NA	9/11/94	0 Days
SW9050 - Specific Conductance	9/11/94	NA	NA	9/11/94	0 Days
Sample ID : G94-05-MW-07 N					
A403 - Alkalinity	9/20/94	NA	NA	9/20/94	0 Days
AK101 - Gasoline Range Organics	9/20/94	9/28/94	8 Days	9/28/94	0 Days
AK102 - Diesel Range Organics	9/20/94	9/26/94	6 Days	9/30/94	4 Days
E170.1 - Temperature	9/20/94	NA	NA	9/20/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/20/94	NA	NA	9/30/94	10 Days
SW8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/28/94	2 Days
SW8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/28/94	2 Days
SW9040 - pH Electrometric Measurement	9/20/94	NA	NA	9/20/94	0 Days
SW9050 - Specific Conductance	9/20/94	NA	NA	9/20/94	0 Days
Sample ID : G94-05-MW-11 N					
A403 - Alkalinity	9/19/94	NA	NA	9/19/94	0 Days
AK101 - Gasoline Range Organics	9/19/94	9/26/94	7 Days	9/29/94	3 Days
AK102 - Diesel Range Organics	9/19/94	9/26/94	7 Days	9/30/94	4 Days
E170.1 - Temperature	9/19/94	NA	NA	9/19/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/19/94	NA	NA	9/30/94	11 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/27/94	1 Days
SW9040 - pH Electrometric Measurement	9/19/94	NA	NA	9/19/94	0 Days
SW9050 - Specific Conductance	9/19/94	NA	NA	9/19/94	0 Days
Sample ID : G94-05-MW-13 N					
A403 - Alkalinity	9/13/94	NA	NA	9/13/94	0 Days
AK101 - Gasoline Range Organics	9/13/94	9/19/94	6 Days	9/19/94	0 Days
AK102 - Diesel Range Organics	9/13/94	9/20/94	7 Days	9/21/94	1 Days
E170.1 - Temperature	9/13/94	NA	NA	9/13/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8260 - Volatile Organic Compounds	9/13/94	NA	NA	9/23/94	10 Days
SW8270 - Semivolatile Organics	9/13/94	9/19/94	6 Days	9/22/94	3 Days
SW9040 - pH Electrometric Measurement	9/13/94	NA	NA	9/13/94	0 Days
SW9050 - Specific Conductance	9/13/94	NA	NA	9/13/94	0 Days
Sample ID : G94-05-MW-14 N					

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
A403 - Alkalinity	9/19/94	NA	NA	9/19/94	0 Days
AK101 - Gasoline Range Organics	9/19/94	9/27/94	8 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/19/94	9/26/94	7 Days	9/30/94	4 Days
E170.1 - Temperature	9/19/94	NA	NA	9/19/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/19/94	NA	NA	9/30/94	11 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/28/94	2 Days
SW9040 - pH Electrometric Measurement	9/19/94	NA	NA	9/19/94	0 Days
SW9050 - Specific Conductance	9/19/94	NA	NA	9/19/94	0 Days
Sample ID : G94-05-MW-15 N					
A403 - Alkalinity	9/19/94	NA	NA	9/19/94	0 Days
AK101 - Gasoline Range Organics	9/19/94	9/27/94	8 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/19/94	9/26/94	7 Days	9/30/94	4 Days
E170.1 - Temperature	9/19/94	NA	NA	9/19/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/19/94	NA	NA	9/30/94	11 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/27/94	1 Days
SW9040 - pH Electrometric Measurement	9/19/94	NA	NA	9/19/94	0 Days
SW9050 - Specific Conductance	9/19/94	NA	NA	9/19/94	0 Days
Sample ID : G94-06-MW-01 N					
A403 - Alkalinity	9/17/94	NA	NA	9/17/94	0 Days
AK101 - Gasoline Range Organics	9/17/94	9/21/94	4 Days	9/21/94	0 Days
AK102 - Diesel Range Organics	9/17/94	9/20/94	3 Days	9/21/94	1 Days
E170.1 - Temperature	9/17/94	NA	NA	9/17/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/17/94	9/21/94	4 Days	10/13/94	22 Days
SW8080 - Organochlorine Pesticides and PCBs	9/17/94	9/21/94	4 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/17/94	NA	NA	9/29/94	12 Days
SW8260 - Volatile Organic Compounds	9/17/94	NA	NA	9/30/94	13 Days
SW8270 - Semivolatile Organics	9/17/94	9/21/94	4 Days	9/26/94	5 Days
SW9040 - pH Electrometric Measurement	9/17/94	NA	NA	9/17/94	0 Days
SW9050 - Specific Conductance	9/17/94	NA	NA	9/17/94	0 Days
Sample ID : G94-06-MW-02 MS					
AK101 - Gasoline Range Organics	9/12/94	9/16/94	4 Days	9/16/94	0 Days
AK102 - Diesel Range Organics	9/12/94	9/14/94	2 Days	9/16/94	2 Days
SW8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/26/94	11 Days
SW8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/26/94	11 Days
SW8260 - Volatile Organic Compounds	9/12/94	NA	NA	9/22/94	10 Days
SW8270 - Semivolatile Organics	9/12/94	9/15/94	3 Days	9/21/94	6 Days

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
Sample ID : G94-06-MW-02 MSD					
AK101 - Gasoline Range Organics	9/12/94	9/16/94	4 Days	9/16/94	0 Days
AK102 - Diesel Range Organics	9/12/94	9/14/94	2 Days	9/16/94	2 Days
SW8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/26/94	11 Days
SW8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/26/94	11 Days
SW8260 - Volatile Organic Compounds	9/12/94	NA	NA	9/22/94	10 Days
SW8270 - Semivolatile Organics	9/12/94	9/15/94	3 Days	9/21/94	6 Days
Sample ID : G94-06-MW-02 N					
A403 - Alkalinity	9/12/94	NA	NA	9/12/94	0 Days
AK101 - Gasoline Range Organics	9/12/94	9/17/94	5 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/12/94	9/14/94	2 Days	9/20/94	6 Days
E170.1 - Temperature	9/12/94	NA	NA	9/12/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/26/94	11 Days
SW8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/26/94	11 Days
SW8260 - Volatile Organic Compounds	9/12/94	NA	NA	9/22/94	10 Days
SW8270 - Semivolatile Organics	9/12/94	9/15/94	3 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/12/94	NA	NA	9/12/94	0 Days
SW9050 - Specific Conductance	9/12/94	NA	NA	9/12/94	0 Days
Sample ID : G94-06-MW-03 MS					
AK101 - Gasoline Range Organics	9/8/94	9/15/94	7 Days	9/15/94	0 Days
AK102 - Diesel Range Organics	9/8/94	9/14/94	6 Days	9/16/94	2 Days
SW8080 - Organochlorine Pesticides and PCBs	9/8/94	9/13/94	5 Days	9/16/94	3 Days
SW8080 - Organochlorine Pesticides and PCBs	9/8/94	9/13/94	5 Days	9/16/94	3 Days
SW8260 - Volatile Organic Compounds	9/8/94	NA	NA	9/19/94	11 Days
SW8270 - Semivolatile Organics	9/8/94	9/12/94	4 Days	9/21/94	9 Days
Sample ID : G94-06-MW-03 MSD					
AK101 - Gasoline Range Organics	9/8/94	9/15/94	7 Days	9/15/94	0 Days
AK102 - Diesel Range Organics	9/8/94	9/14/94	6 Days	9/16/94	2 Days
SW8080 - Organochlorine Pesticides and PCBs	9/8/94	9/13/94	5 Days	9/16/94	3 Days
SW8080 - Organochlorine Pesticides and PCBs	9/8/94	9/13/94	5 Days	9/16/94	3 Days
SW8260 - Volatile Organic Compounds	9/8/94	NA	NA	9/19/94	11 Days
SW8270 - Semivolatile Organics	9/8/94	9/12/94	4 Days	9/21/94	9 Days
Sample ID : G94-06-MW-03 N					
A403 - Alkalinity	9/8/94	NA	NA	9/8/94	0 Days
AK101 - Gasoline Range Organics	9/8/94	9/15/94	7 Days	9/15/94	0 Days
AK102 - Diesel Range Organics	9/8/94	9/14/94	6 Days	9/16/94	2 Days
E170.1 - Temperature	9/8/94	NA	NA	9/8/94	0 Days

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
SW8080 - Organochlorine Pesticides and PCBs	9/8/94	9/13/94	5 Days	9/16/94	3 Days
SW8080 - Organochlorine Pesticides and PCBs	9/8/94	9/13/94	5 Days	9/16/94	3 Days
SW8260 - Volatile Organic Compounds	9/8/94	NA	NA	9/19/94	11 Days
SW8270 - Semivolatile Organics	9/8/94	9/12/94	4 Days	9/21/94	9 Days
SW9040 - pH Electrometric Measurement	9/8/94	NA	NA	9/8/94	0 Days
SW9050 - Specific Conductance	9/8/94	NA	NA	9/8/94	0 Days
Sample ID : G94-06-MW-03-FD FD					
A403 - Alkalinity	9/8/94	NA	NA	9/8/94	0 Days
AK101 - Gasoline Range Organics	9/8/94	9/15/94	7 Days	9/15/94	0 Days
AK102 - Diesel Range Organics	9/8/94	9/14/94	6 Days	9/17/94	3 Days
E170.1 - Temperature	9/8/94	NA	NA	9/8/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/8/94	9/13/94	5 Days	9/16/94	3 Days
SW8080 - Organochlorine Pesticides and PCBs	9/8/94	9/13/94	5 Days	9/16/94	3 Days
SW8260 - Volatile Organic Compounds	9/8/94	NA	NA	9/19/94	11 Days
SW8270 - Semivolatile Organics	9/8/94	9/12/94	4 Days	9/21/94	9 Days
SW9040 - pH Electrometric Measurement	9/8/94	NA	NA	9/8/94	0 Days
SW9050 - Specific Conductance	9/8/94	NA	NA	9/8/94	0 Days
Sample ID : G94-06-MW-04 N					
A403 - Alkalinity	9/18/94	NA	NA	9/18/94	0 Days
AK101 - Gasoline Range Organics	9/18/94	9/21/94	3 Days	9/21/94	0 Days
AK102 - Diesel Range Organics	9/18/94	9/20/94	2 Days	9/21/94	1 Days
E170.1 - Temperature	9/18/94	NA	NA	9/18/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/18/94	9/21/94	3 Days	10/13/94	22 Days
SW8080 - Organochlorine Pesticides and PCBs	9/18/94	9/21/94	3 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/18/94	NA	NA	9/30/94	12 Days
SW8260 - Volatile Organic Compounds	9/18/94	NA	NA	9/29/94	11 Days
SW8270 - Semivolatile Organics	9/18/94	9/21/94	3 Days	9/27/94	6 Days
SW9040 - pH Electrometric Measurement	9/18/94	NA	NA	9/18/94	0 Days
SW9050 - Specific Conductance	9/18/94	NA	NA	9/18/94	0 Days
Sample ID : G94-06-MW-05 N					
A403 - Alkalinity	9/12/94	NA	NA	9/12/94	0 Days
AK101 - Gasoline Range Organics	9/12/94	9/17/94	5 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/12/94	9/14/94	2 Days	9/20/94	6 Days
E170.1 - Temperature	9/12/94	NA	NA	9/12/94	0 Days
SW6010 - Metals	9/12/94	9/19/94	7 Days	10/5/94	16 Days
SW7060 - Arsenic	9/12/94	9/19/94	7 Days	9/19/94	0 Days
SW7421 - Lead	9/12/94	9/19/94	7 Days	9/19/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/27/94	12 Days
SW8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/27/94	12 Days
SW8260 - Volatile Organic Compounds	9/12/94	NA	NA	9/22/94	10 Days
SW8270 - Semivolatile Organics	9/12/94	9/15/94	3 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/12/94	NA	NA	9/12/94	0 Days

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
SW9050 - Specific Conductance	9/12/94	NA	NA	9/12/94	0 Days
Sample ID : G94-06-MW-05D MS					
SW6010 - Metals	9/12/94	9/19/94	7 Days	10/5/94	16 Days
SW7060 - Arsenic	9/12/94	9/19/94	7 Days	9/19/94	0 Days
SW7421 - Lead	9/12/94	9/19/94	7 Days	9/19/94	0 Days
Sample ID : G94-06-MW-05D MSD					
SW6010 - Metals	9/12/94	9/19/94	7 Days	10/5/94	16 Days
SW7060 - Arsenic	9/12/94	9/19/94	7 Days	9/19/94	0 Days
SW7421 - Lead	9/12/94	9/19/94	7 Days	9/19/94	0 Days
Sample ID : G94-06-MW-05D N					
SW6010 - Metals	9/12/94	9/19/94	7 Days	10/5/94	16 Days
SW7060 - Arsenic	9/12/94	9/19/94	7 Days	9/19/94	0 Days
SW7421 - Lead	9/12/94	9/19/94	7 Days	9/19/94	0 Days
Sample ID : G94-06-MW-05D PS					
SW7060 - Arsenic	9/12/94	9/19/94	7 Days	9/19/94	0 Days
SW7421 - Lead	9/12/94	9/19/94	7 Days	9/19/94	0 Days
Sample ID : G94-06-MW-06 N					
A403 - Alkalinity	9/12/94	NA	NA	9/12/94	0 Days
AK101 - Gasoline Range Organics	9/12/94	9/20/94	8 Days	9/20/94	0 Days
AK102 - Diesel Range Organics	9/12/94	9/14/94	2 Days	9/20/94	6 Days
E170.1 - Temperature	9/12/94	NA	NA	9/12/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/27/94	12 Days
SW8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/27/94	12 Days
SW8260 - Volatile Organic Compounds	9/12/94	NA	NA	9/22/94	10 Days
SW8270 - Semivolatile Organics	9/12/94	9/15/94	3 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/12/94	NA	NA	9/12/94	0 Days
SW9050 - Specific Conductance	9/12/94	NA	NA	9/12/94	0 Days
Sample ID : G94-06-MW-07 N					
A403 - Alkalinity	9/16/94	NA	NA	9/16/94	0 Days
AK101 - Gasoline Range Organics	9/16/94	9/21/94	5 Days	9/21/94	0 Days
AK102 - Diesel Range Organics	9/16/94	9/20/94	4 Days	9/21/94	1 Days
E170.1 - Temperature	9/16/94	NA	NA	9/16/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/16/94	9/21/94	5 Days	10/13/94	22 Days

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
SW8080 - Organochlorine Pesticides and PCBs	9/16/94	9/21/94	5 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/16/94	NA	NA	9/23/94	7 Days
SW8270 - Semivolatile Organics	9/16/94	9/21/94	5 Days	9/27/94	6 Days
SW9040 - pH Electrometric Measurement	9/16/94	NA	NA	9/16/94	0 Days
SW9050 - Specific Conductance	9/16/94	NA	NA	9/16/94	0 Days
Sample ID : G94-09-MW-01 N					
A403 - Alkalinity	9/11/94	NA	NA	9/11/94	0 Days
AK101 - Gasoline Range Organics	9/11/94	9/17/94	6 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/11/94	9/14/94	3 Days	9/18/94	4 Days
E170.1 - Temperature	9/11/94	NA	NA	9/11/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/27/94	12 Days
SW8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/27/94	12 Days
SW8260 - Volatile Organic Compounds	9/11/94	NA	NA	9/22/94	11 Days
SW8270 - Semivolatile Organics	9/11/94	9/15/94	4 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/11/94	NA	NA	9/11/94	0 Days
SW9050 - Specific Conductance	9/11/94	NA	NA	9/11/94	0 Days
Sample ID : G94-09-MW-02 N					
A403 - Alkalinity	9/11/94	NA	NA	9/11/94	0 Days
AK101 - Gasoline Range Organics	9/11/94	9/17/94	6 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/11/94	9/14/94	3 Days	9/18/94	4 Days
E170.1 - Temperature	9/11/94	NA	NA	9/11/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/27/94	12 Days
SW8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/27/94	12 Days
SW8260 - Volatile Organic Compounds	9/11/94	NA	NA	9/22/94	11 Days
SW8270 - Semivolatile Organics	9/11/94	9/15/94	4 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/11/94	NA	NA	9/11/94	0 Days
SW9050 - Specific Conductance	9/11/94	NA	NA	9/11/94	0 Days
Sample ID : G94-09-MW-03 N					
A403 - Alkalinity	9/10/94	NA	NA	9/10/94	0 Days
AK101 - Gasoline Range Organics	9/10/94	9/17/94	7 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/10/94	9/14/94	4 Days	9/17/94	3 Days
E170.1 - Temperature	9/10/94	NA	NA	9/10/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/10/94	9/15/94	5 Days	9/26/94	11 Days
SW8080 - Organochlorine Pesticides and PCBs	9/10/94	9/15/94	5 Days	9/26/94	11 Days
SW8260 - Volatile Organic Compounds	9/10/94	NA	NA	9/19/94	9 Days
SW8270 - Semivolatile Organics	9/10/94	9/15/94	5 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/10/94	NA	NA	9/10/94	0 Days
SW9050 - Specific Conductance	9/10/94	NA	NA	9/10/94	0 Days
Sample ID : G94-09-MW-04 N					

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
A403 - Alkalinity	9/8/94	NA	NA	9/8/94	0 Days
AK101 - Gasoline Range Organics	9/8/94	9/15/94	7 Days	9/15/94	0 Days
AK102 - Diesel Range Organics	9/8/94	9/14/94	6 Days	9/19/94	5 Days
E170.1 - Temperature	9/8/94	NA	NA	9/8/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/8/94	9/13/94	5 Days	9/16/94	3 Days
SW8080 - Organochlorine Pesticides and PCBs	9/8/94	9/13/94	5 Days	9/16/94	3 Days
SW8260 - Volatile Organic Compounds	9/8/94	NA	NA	9/19/94	11 Days
SW8270 - Semivolatile Organics	9/8/94	9/12/94	4 Days	9/21/94	9 Days
SW9040 - pH Electrometric Measurement	9/8/94	NA	NA	9/8/94	0 Days
SW9050 - Specific Conductance	9/8/94	NA	NA	9/8/94	0 Days
Sample ID : G94-09-MW-05 N					
A403 - Alkalinity	9/10/94	NA	NA	9/10/94	0 Days
AK101 - Gasoline Range Organics	9/10/94	9/17/94	7 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/10/94	9/14/94	4 Days	9/18/94	4 Days
E170.1 - Temperature	9/10/94	NA	NA	9/10/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/10/94	9/15/94	5 Days	9/26/94	11 Days
SW8080 - Organochlorine Pesticides and PCBs	9/10/94	9/15/94	5 Days	9/26/94	11 Days
SW8260 - Volatile Organic Compounds	9/10/94	NA	NA	9/19/94	9 Days
SW8270 - Semivolatile Organics	9/10/94	9/15/94	5 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/10/94	NA	NA	9/10/94	0 Days
SW9050 - Specific Conductance	9/10/94	NA	NA	9/10/94	0 Days
Sample ID : G94-09-MW-05-FD FD					
A403 - Alkalinity	9/10/94	NA	NA	9/10/94	0 Days
AK101 - Gasoline Range Organics	9/10/94	9/17/94	7 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/10/94	9/14/94	4 Days	9/18/94	4 Days
E170.1 - Temperature	9/10/94	NA	NA	9/10/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/10/94	9/15/94	5 Days	9/26/94	11 Days
SW8080 - Organochlorine Pesticides and PCBs	9/10/94	9/15/94	5 Days	9/26/94	11 Days
SW8260 - Volatile Organic Compounds	9/10/94	NA	NA	9/19/94	9 Days
SW8270 - Semivolatile Organics	9/10/94	9/15/94	5 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/10/94	NA	NA	9/10/94	0 Days
SW9050 - Specific Conductance	9/10/94	NA	NA	9/10/94	0 Days
Sample ID : G94-09-MW-06 N					
A403 - Alkalinity	9/10/94	NA	NA	9/10/94	0 Days
AK101 - Gasoline Range Organics	9/10/94	9/17/94	7 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/10/94	9/14/94	4 Days	9/17/94	3 Days
E170.1 - Temperature	9/10/94	NA	NA	9/10/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/10/94	9/15/94	5 Days	9/26/94	11 Days
SW8080 - Organochlorine Pesticides and PCBs	9/10/94	9/15/94	5 Days	9/26/94	11 Days
SW8260 - Volatile Organic Compounds	9/10/94	NA	NA	9/19/94	9 Days
SW8270 - Semivolatile Organics	9/10/94	9/15/94	5 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/10/94	NA	NA	9/10/94	0 Days

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
SW9050 - Specific Conductance	9/10/94	NA	NA	9/10/94	0 Days
Sample ID : G94-09-MW-08 N					
A403 - Alkalinity	9/18/94	NA	NA	9/18/94	0 Days
AK101 - Gasoline Range Organics	9/18/94	9/22/94	4 Days	9/22/94	0 Days
AK102 - Diesel Range Organics	9/18/94	9/20/94	2 Days	9/21/94	1 Days
E170.1 - Temperature	9/18/94	NA	NA	9/18/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/18/94	9/21/94	3 Days	10/13/94	22 Days
SW8080 - Organochlorine Pesticides and PCBs	9/18/94	9/21/94	3 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/18/94	NA	NA	9/29/94	11 Days
SW8260 - Volatile Organic Compounds	9/18/94	NA	NA	9/30/94	12 Days
SW8270 - Semivolatile Organics	9/18/94	9/21/94	3 Days	9/27/94	6 Days
SW9040 - pH Electrometric Measurement	9/18/94	NA	NA	9/18/94	0 Days
SW9050 - Specific Conductance	9/18/94	NA	NA	9/18/94	0 Days
Sample ID : G94-09-MW-12 N					
A403 - Alkalinity	9/18/94	NA	NA	9/18/94	0 Days
AK101 - Gasoline Range Organics	9/18/94	9/20/94	2 Days	9/21/94	1 Days
AK102 - Diesel Range Organics	9/18/94	9/20/94	2 Days	9/22/94	2 Days
E170.1 - Temperature	9/18/94	NA	NA	9/18/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/18/94	9/21/94	3 Days	10/13/94	22 Days
SW8080 - Organochlorine Pesticides and PCBs	9/18/94	9/21/94	3 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/18/94	NA	NA	9/29/94	11 Days
SW8260 - Volatile Organic Compounds	9/18/94	NA	NA	9/30/94	12 Days
SW8270 - Semivolatile Organics	9/18/94	9/21/94	3 Days	9/27/94	6 Days
SW8270 - Semivolatile Organics	9/18/94	9/21/94	3 Days	9/27/94	6 Days
SW9040 - pH Electrometric Measurement	9/18/94	NA	NA	9/18/94	0 Days
SW9050 - Specific Conductance	9/18/94	NA	NA	9/18/94	0 Days
Sample ID : G94-09-MW-15 N					
A403 - Alkalinity	9/11/94	NA	NA	9/11/94	0 Days
AK101 - Gasoline Range Organics	9/11/94	9/17/94	6 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/11/94	9/14/94	3 Days	9/18/94	4 Days
E170.1 - Temperature	9/11/94	NA	NA	9/11/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/27/94	12 Days
SW8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/27/94	12 Days
SW8260 - Volatile Organic Compounds	9/11/94	NA	NA	9/19/94	8 Days
SW8270 - Semivolatile Organics	9/11/94	9/15/94	4 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/11/94	NA	NA	9/11/94	0 Days
SW9050 - Specific Conductance	9/11/94	NA	NA	9/11/94	0 Days
Sample ID : G94-10-MW-01 N					
A403 - Alkalinity	9/17/94	NA	NA	9/17/94	0 Days

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
AK101 - Gasoline Range Organics	9/17/94	9/21/94	4 Days	9/21/94	0 Days
AK102 - Diesel Range Organics	9/17/94	9/20/94	3 Days	9/21/94	1 Days
E170.1 - Temperature	9/17/94	NA	NA	9/17/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/17/94	9/21/94	4 Days	10/13/94	22 Days
SW8080 - Organochlorine Pesticides and PCBs	9/17/94	9/21/94	4 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/17/94	NA	NA	9/23/94	6 Days
SW8270 - Semivolatile Organics	9/17/94	9/21/94	4 Days	9/26/94	5 Days
SW9040 - pH Electrometric Measurement	9/17/94	NA	NA	9/17/94	0 Days
SW9050 - Specific Conductance	9/17/94	NA	NA	9/17/94	0 Days
Sample ID : G94-10-MW-03 N					
A403 - Alkalinity	9/11/94	NA	NA	9/11/94	0 Days
AK101 - Gasoline Range Organics	9/11/94	9/17/94	6 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/11/94	9/14/94	3 Days	9/20/94	6 Days
E170.1 - Temperature	9/11/94	NA	NA	9/11/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/27/94	12 Days
SW8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/27/94	12 Days
SW8260 - Volatile Organic Compounds	9/11/94	NA	NA	9/22/94	11 Days
SW8270 - Semivolatile Organics	9/11/94	9/15/94	4 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/11/94	NA	NA	9/11/94	0 Days
SW9050 - Specific Conductance	9/11/94	NA	NA	9/11/94	0 Days
Sample ID : G94-13-MW-37 MS					
AK101 - Gasoline Range Organics	9/19/94	9/27/94	8 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/19/94	9/26/94	7 Days	9/30/94	4 Days
SW6010 - Metals	9/19/94	9/27/94	8 Days	10/5/94	8 Days
SW7060 - Arsenic	9/19/94	9/27/94	8 Days	9/28/94	1 Days
SW7421 - Lead	9/19/94	9/27/94	8 Days	9/27/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/19/94	NA	NA	9/29/94	10 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/27/94	1 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/28/94	2 Days
Sample ID : G94-13-MW-37 MSD					
AK101 - Gasoline Range Organics	9/19/94	9/27/94	8 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/19/94	9/26/94	7 Days	9/30/94	4 Days
SW6010 - Metals	9/19/94	9/27/94	8 Days	10/5/94	8 Days
SW7060 - Arsenic	9/19/94	9/27/94	8 Days	9/28/94	1 Days
SW7421 - Lead	9/19/94	9/27/94	8 Days	9/27/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/19/94	NA	NA	9/29/94	10 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/27/94	1 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/28/94	2 Days

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
Sample ID : G94-13-MW-37 N					
A403 - Alkalinity	9/19/94	NA	NA	9/19/94	0 Days
AK101 - Gasoline Range Organics	9/19/94	9/27/94	8 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/19/94	9/26/94	7 Days	10/1/94	5 Days
E170.1 - Temperature	9/19/94	NA	NA	9/19/94	0 Days
SW6010 - Metals	9/19/94	9/27/94	8 Days	10/5/94	8 Days
SW7060 - Arsenic	9/19/94	9/27/94	8 Days	9/28/94	1 Days
SW7421 - Lead	9/19/94	9/27/94	8 Days	9/27/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/19/94	NA	NA	9/29/94	10 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/27/94	1 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/28/94	2 Days
SW9040 - pH Electrometric Measurement	9/19/94	NA	NA	9/19/94	0 Days
SW9050 - Specific Conductance	9/19/94	NA	NA	9/19/94	0 Days
Sample ID : G94-13-MW-37 PS					
SW7060 - Arsenic	9/19/94	9/27/94	8 Days	9/28/94	1 Days
SW7421 - Lead	9/19/94	9/27/94	8 Days	9/27/94	0 Days
Sample ID : G94-13-MW-37-FD FD					
A403 - Alkalinity	9/19/94	NA	NA	9/19/94	0 Days
AK101 - Gasoline Range Organics	9/19/94	9/27/94	8 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/19/94	9/26/94	7 Days	10/1/94	5 Days
E170.1 - Temperature	9/19/94	NA	NA	9/19/94	0 Days
SW6010 - Metals	9/19/94	9/27/94	8 Days	10/5/94	8 Days
SW7060 - Arsenic	9/19/94	9/27/94	8 Days	9/28/94	1 Days
SW7421 - Lead	9/19/94	9/27/94	8 Days	9/27/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/19/94	NA	NA	9/30/94	11 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/27/94	1 Days
SW9040 - pH Electrometric Measurement	9/19/94	NA	NA	9/19/94	0 Days
SW9050 - Specific Conductance	9/19/94	NA	NA	9/19/94	0 Days
Sample ID : G94-13-MW-38 N					
A403 - Alkalinity	9/19/94	NA	NA	9/19/94	0 Days
AK101 - Gasoline Range Organics	9/19/94	9/27/94	8 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/19/94	9/26/94	7 Days	10/1/94	5 Days
E170.1 - Temperature	9/19/94	NA	NA	9/19/94	0 Days
SW6010 - Metals	9/19/94	9/27/94	8 Days	10/5/94	8 Days
SW7060 - Arsenic	9/19/94	9/27/94	8 Days	9/28/94	1 Days

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
SW7421 - Lead	9/19/94	9/27/94	8 Days	9/27/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/19/94	NA	NA	9/30/94	11 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/27/94	1 Days
SW9040 - pH Electrometric Measurement	9/19/94	NA	NA	9/19/94	0 Days
SW9050 - Specific Conductance	9/19/94	NA	NA	9/19/94	0 Days
Sample ID : G94-AB-01 AB					
AK101 - Gasoline Range Organics	9/7/94	9/15/94	8 Days	9/15/94	0 Days
SW8260 - Volatile Organic Compounds	9/7/94	NA	NA	9/19/94	12 Days
Sample ID : G94-DD-SS-03-EB EB					
AK101 - Gasoline Range Organics	9/24/94	10/1/94	7 Days	10/1/94	0 Days
AK102 - Diesel Range Organics	9/24/94	9/29/94	5 Days	10/1/94	2 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
Sample ID : G94-MB-SS-05-EB EB					
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/4/94	6 Days	10/22/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/4/94	6 Days	10/22/94	18 Days
Sample ID : G94-PO-SS-02-EB EB					
AK101 - Gasoline Range Organics	9/23/94	10/1/94	8 Days	10/1/94	0 Days
AK102 - Diesel Range Organics	9/23/94	9/29/94	6 Days	10/1/94	2 Days
SW6010 - Metals	9/23/94	10/13/94	20 Days	10/13/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/14/94	16 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/14/94	16 Days
SW8270 - Semivolatile Organics	9/23/94	9/28/94	5 Days	10/3/94	5 Days
Sample ID : G94-TB-01 TB					
AK101 - Gasoline Range Organics	9/8/94	9/15/94	7 Days	9/15/94	0 Days
SW8260 - Volatile Organic Compounds	9/8/94	NA	NA	9/19/94	11 Days
Sample ID : G94-TB-02 TB					
AK101 - Gasoline Range Organics	9/12/94	9/17/94	5 Days	9/17/94	0 Days
SW8260 - Volatile Organic Compounds	9/12/94	NA	NA	9/22/94	10 Days

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
Sample ID : G94-TB-03 TB					
AK101 - Gasoline Range Organics	9/12/94	9/17/94	5 Days	9/17/94	0 Days
SW8260 - Volatile Organic Compounds	9/12/94	NA	NA	9/22/94	10 Days
Sample ID : G94-TB-04 TB					
AK101 - Gasoline Range Organics	9/13/94	9/19/94	6 Days	9/19/94	0 Days
SW8260 - Volatile Organic Compounds	9/13/94	NA	NA	9/23/94	10 Days
Sample ID : G94-TB-05 TB					
AK101 - Gasoline Range Organics	9/18/94	9/22/94	4 Days	9/22/94	0 Days
SW8260 - Volatile Organic Compounds	9/18/94	NA	NA	9/30/94	12 Days
SW8260 - Volatile Organic Compounds	9/18/94	NA	NA	9/29/94	11 Days
Sample ID : G94-TB-06 TB					
AK101 - Gasoline Range Organics	9/18/94	9/21/94	3 Days	9/21/94	0 Days
Sample ID : G94-TB-07 TB					
AK101 - Gasoline Range Organics	9/20/94	9/27/94	7 Days	9/27/94	0 Days
SW8260 - Volatile Organic Compounds	9/20/94	NA	NA	9/29/94	9 Days
Sample ID : G94-TB-09 TB					
AK101 - Gasoline Range Organics	9/25/94	10/1/94	6 Days	10/1/94	0 Days

ATTACHMENT C - APPENDIX B

Table A-4.2

Date Summary - 1994 Soil Samples

TABLE 4.2 DATE SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
Sample ID : G94-01-HA-11-01 N					
ASTMD2216 - Modified	9/23/94	NA	NA	9/29/94	6 Days
SW8280 - Dioxins and Furans	9/23/94	9/28/94	5 Days	10/29/94	31 Days
SW8280 - Dioxins and Furans	9/23/94	10/27/94	34 Days	10/31/94	4 Days
Sample ID : G94-01-HA-11-02 N					
ASTMD2216 - Modified	9/23/94	NA	NA	9/29/94	6 Days
SW8280 - Dioxins and Furans	9/23/94	9/28/94	5 Days	10/29/94	31 Days
SW8280 - Dioxins and Furans	9/23/94	10/27/94	34 Days	10/31/94	4 Days
Sample ID : G94-01-HA-12-01 N					
ASTMD2216 - Modified	9/23/94	NA	NA	9/29/94	6 Days
SW8280 - Dioxins and Furans	9/23/94	9/28/94	5 Days	10/29/94	31 Days
SW8280 - Dioxins and Furans	9/23/94	10/27/94	34 Days	10/31/94	4 Days
Sample ID : G94-01-HA-12-02 N					
ASTMD2216 - Modified	9/23/94	NA	NA	9/29/94	6 Days
SW8280 - Dioxins and Furans	9/23/94	9/28/94	5 Days	10/29/94	31 Days
SW8280 - Dioxins and Furans	9/23/94	10/27/94	34 Days	10/31/94	4 Days
Sample ID : G94-01-HA-13-01 N					
ASTMD2216 - Modified	9/23/94	NA	NA	9/29/94	6 Days
SW8280 - Dioxins and Furans	9/23/94	9/28/94	5 Days	10/29/94	31 Days
SW8280 - Dioxins and Furans	9/23/94	10/27/94	34 Days	10/31/94	4 Days
Sample ID : G94-01-HA-13-01 ND					
SW8280 - Dioxins and Furans	9/23/94	9/28/94	5 Days	10/29/94	31 Days
SW8280 - Dioxins and Furans	9/23/94	10/27/94	34 Days	10/31/94	4 Days
Sample ID : G94-01-HA-13-02 N					
ASTMD2216 - Modified	9/23/94	NA	NA	9/29/94	6 Days
SW8280 - Dioxins and Furans	9/23/94	9/28/94	5 Days	10/29/94	31 Days
SW8280 - Dioxins and Furans	9/23/94	10/27/94	34 Days	10/31/94	4 Days
Sample ID : G94-DD-SS-01 MS					

TABLE 4.2 DATE SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
AK101 - Gasoline Range Organics	9/24/94	9/27/94	3 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/24/94	9/27/94	3 Days	9/29/94	2 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
Sample ID : G94-DD-SS-01 MSD					
AK101 - Gasoline Range Organics	9/24/94	9/27/94	3 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/24/94	9/27/94	3 Days	9/29/94	2 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
Sample ID : G94-DD-SS-01 N					
AK101 - Gasoline Range Organics	9/24/94	9/28/94	4 Days	9/28/94	0 Days
AK102 - Diesel Range Organics	9/24/94	9/27/94	3 Days	9/29/94	2 Days
ASTMD2216 - Modified	9/24/94	NA	NA	9/29/94	5 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
Sample ID : G94-DD-SS-01 ND					
ASTMD2216 - Modified	9/24/94	NA	NA	9/29/94	5 Days
Sample ID : G94-DD-SS-02 N					
AK101 - Gasoline Range Organics	9/24/94	9/27/94	3 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/24/94	9/27/94	3 Days	10/4/94	7 Days
ASTMD2216 - Modified	9/24/94	NA	NA	9/29/94	5 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
Sample ID : G94-DD-SS-03 N					
AK101 - Gasoline Range Organics	9/24/94	9/27/94	3 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/24/94	9/27/94	3 Days	10/1/94	4 Days
ASTMD2216 - Modified	9/24/94	NA	NA	9/29/94	5 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days

TABLE 4.2 DATE SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
Sample ID : G94-DD-SS-04 N					
AK101 - Gasoline Range Organics	9/24/94	9/27/94	3 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/24/94	9/27/94	3 Days	9/29/94	2 Days
ASTMD2216 - Modified	9/24/94	NA	NA	9/29/94	5 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
Sample ID : G94-DD-SS-05 N					
AK101 - Gasoline Range Organics	9/24/94	9/27/94	3 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/24/94	9/27/94	3 Days	9/29/94	2 Days
ASTMD2216 - Modified	9/24/94	NA	NA	9/29/94	5 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
Sample ID : G94-MB-SS-01 MS					
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/29/94	23 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/29/94	23 Days
Sample ID : G94-MB-SS-01 MSD					
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/29/94	23 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/29/94	23 Days
Sample ID : G94-MB-SS-01 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/29/94	23 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/29/94	23 Days
Sample ID : G94-MB-SS-02 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days

TABLE 4.2 DATE SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-03 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-04 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-05 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-05 ND					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
Sample ID : G94-MB-SS-06 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-07 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days

TABLE 4.2 DATE SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-08 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-09 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-10 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-11 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-12 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-13 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days

TABLE 4.2 DATE SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-14 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-15 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-16 N					
ASTMD2216 - Modified	9/28/94	NA	NA	10/4/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-17 N					
ASTMD2216 - Modified	9/28/94	NA	NA	10/4/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-18 N					
ASTMD2216 - Modified	9/28/94	NA	NA	10/4/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-19 N					
ASTMD2216 - Modified	9/28/94	NA	NA	10/4/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days

TABLE 4.2 DATE SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-20 N					
ASTMD2216 - Modified	9/28/94	NA	NA	10/4/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-21 MS					
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/23/94	17 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/23/94	17 Days
Sample ID : G94-MB-SS-21 MSD					
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/23/94	17 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/23/94	17 Days
Sample ID : G94-MB-SS-21 N					
ASTMD2216 - Modified	9/28/94	NA	NA	10/4/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/23/94	17 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/23/94	17 Days
Sample ID : G94-MB-SS-21 ND					
ASTMD2216 - Modified	9/28/94	NA	NA	10/4/94	6 Days
Sample ID : G94-MB-SS-22 N					
ASTMD2216 - Modified	9/28/94	NA	NA	10/4/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/24/94	18 Days
Sample ID : G94-MB-SS-23 N					
ASTMD2216 - Modified	9/28/94	NA	NA	10/4/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/24/94	18 Days

TABLE 4.2 DATE SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
Sample ID : G94-PO-SS-01 MS					
AK101 - Gasoline Range Organics	9/23/94	10/1/94	8 Days	10/1/94	0 Days
AK102 - Diesel Range Organics	9/23/94	9/27/94	4 Days	10/1/94	4 Days
SW6010 - Metals	9/23/94	9/29/94	6 Days	10/5/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/13/94	15 Days
SW8240 - Volatile Organics	9/23/94	NA	NA	10/4/94	11 Days
SW8270 - Semivolatile Organics	9/23/94	9/30/94	7 Days	10/4/94	4 Days
Sample ID : G94-PO-SS-01 MSD					
AK101 - Gasoline Range Organics	9/23/94	10/1/94	8 Days	10/1/94	0 Days
AK102 - Diesel Range Organics	9/23/94	9/27/94	4 Days	10/1/94	4 Days
SW6010 - Metals	9/23/94	9/29/94	6 Days	10/5/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/13/94	15 Days
SW8240 - Volatile Organics	9/23/94	NA	NA	10/4/94	11 Days
SW8270 - Semivolatile Organics	9/23/94	9/30/94	7 Days	10/4/94	4 Days
Sample ID : G94-PO-SS-01 N					
AK101 - Gasoline Range Organics	9/23/94	9/27/94	4 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/23/94	9/27/94	4 Days	9/29/94	2 Days
ASTMD2216 - Modified	9/23/94	NA	NA	9/29/94	6 Days
SW6010 - Metals	9/23/94	9/29/94	6 Days	10/5/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/13/94	15 Days
SW8240 - Volatile Organics	9/23/94	NA	NA	10/4/94	11 Days
SW8270 - Semivolatile Organics	9/23/94	9/30/94	7 Days	10/4/94	4 Days
Sample ID : G94-PO-SS-01 ND					
ASTMD2216 - Modified	9/23/94	NA	NA	9/29/94	6 Days
Sample ID : G94-PO-SS-02 N					
AK101 - Gasoline Range Organics	9/23/94	9/27/94	4 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/23/94	9/27/94	4 Days	9/29/94	2 Days
ASTMD2216 - Modified	9/23/94	NA	NA	9/29/94	6 Days
SW6010 - Metals	9/23/94	9/29/94	6 Days	10/5/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/13/94	15 Days
SW8240 - Volatile Organics	9/23/94	NA	NA	10/4/94	11 Days
SW8270 - Semivolatile Organics	9/23/94	9/30/94	7 Days	10/4/94	4 Days

TABLE 4.2 DATE SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
Sample ID : G94-PO-SS-02-EB EB					
SW8240 - Volatile Organics	9/23/94	NA	NA	10/4/94	11 Days
Sample ID : G94-TB-09 TB					
SW8240 - Volatile Organics	9/25/94	NA	NA	10/4/94	9 Days
Sample ID : G94-TB-11 TB					
SW8240 - Volatile Organics	9/25/94	NA	NA	10/4/94	9 Days

ATTACHMENT C - APPENDIX B

Table A-5.1

Batch Summary - 1994 Water Samples

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-01-HA-11-01-EB EB					
SW8280 - Dioxins and Furans	9409843-01A	MS5971410191143	01	SW8280 extraction	3520941005122000
Sample ID : G94-01-MW-01 N					
A403 - Alkalinity		GAL9409/13/94	01	METHOD	
AK101 - Gasoline Range Organics	58700- 3	58700A	01	Extraction method identified by analytical method.	58700
AK102 - Diesel Range Organics	58700- 3	58700B	01	Extraction method identified by analytical method.	58700
E170.1 - Temperature		GAL9419/13/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409494-06A	CHGC7A409281200	02	Separatory Funnel Liquid-Liquid Extraction	3510940920113000
SW8080 - Organochlorine Pesticides and PCBs	9409494-06A	CHGC7B409281200	02	Separatory Funnel Liquid-Liquid Extraction	3510940920113000
SW8260 - Volatile Organic Compounds	9409493-04A	MSMSDB409221236	01	METHOD	
SW8260 - Volatile Organic Compounds	9409493-04B	MSMSDB409221236	01	METHOD	
SW9040 - pH Electrometric Measurement		GAL9429/13/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/13/94	01	METHOD	
Sample ID : G94-01-MW-01-FD FD					
A403 - Alkalinity		GAL9409/13/94	01	METHOD	
AK101 - Gasoline Range Organics	58700- 4	58700A	01	Extraction method identified by analytical method.	58700
AK102 - Diesel Range Organics	58700- 4	58700B	01	Extraction method identified by analytical method.	58700
E170.1 - Temperature		GAL9419/13/94	01	METHOD	

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8080 - Organochlorine Pesticides and PCBs	9409494-07A	CHGC7A409281200	02	Separatory Funnel Liquid-Liquid Extraction	3510940920113000
SW8080 - Organochlorine Pesticides and PCBs	9409494-07A	CHGC7B409281200	02	Separatory Funnel Liquid-Liquid Extraction	3510940920113000
SW8260 - Volatile Organic Compounds	9409493-05A	MSMSDB409221236	01	METHOD	
SW8260 - Volatile Organic Compounds	9409493-05B	MSMSDB409221236	01	METHOD	
SW9040 - pH Electrometric Measurement		GAL9429/13/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/13/94	01	METHOD	
Sample ID : G94-01-MW-02 N					
A403 - Alkalinity		GAL9409/13/94	01	METHOD	
AK101 - Gasoline Range Organics	58700- 1	58700A	01	Extraction method identified by analytical method.	58700
AK102 - Diesel Range Organics	58700- 1	58700B	01	Extraction method identified by analytical method.	58700
E170.1 - Temperature		GAL9419/13/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409494-04A	CHGC7A409281200	02	Separatory Funnel Liquid-Liquid Extraction	3510940920113000
SW8080 - Organochlorine Pesticides and PCBs	9409494-04A	CHGC7B409281200	02	Separatory Funnel Liquid-Liquid Extraction	3510940920113000
SW8260 - Volatile Organic Compounds	9409493-02A	MSMSDB409221236	01	METHOD	
SW9040 - pH Electrometric Measurement		GAL9429/13/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/13/94	01	METHOD	
Sample ID : G94-01-MW-05 MS					
AK101 - Gasoline Range Organics	58700- 8	58700A	01	Extraction method identified by analytical method.	58700
AK102 - Diesel Range Organics	58700- 8	58700B	01	Extraction method identified by analytical	58700

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
				method.	
SW8080 - Organochlorine Pesticides and PCBs	9409494-02A	CHGC7A409281200	02	Separatory Funnel Liquid-Liquid Extraction	3510940920113000
SW8080 - Organochlorine Pesticides and PCBs	9409494-02A	CHGC7B409281200	02	Separatory Funnel Liquid-Liquid Extraction	3510940920113000
SW8260 - Volatile Organic Compounds	9409493-07A	MSMSDB409221236	01	METHOD	
Sample ID : G94-01-MW-05 MSD					
AK101 - Gasoline Range Organics	58700- 9	58700A	01	Extraction method identified by analytical method.	58700
AK102 - Diesel Range Organics	58700- 9	58700B	01	Extraction method identified by analytical method.	58700
SW8080 - Organochlorine Pesticides and PCBs	9409494-03A	CHGC7A409281200	02	Separatory Funnel Liquid-Liquid Extraction	3510940920113000
SW8080 - Organochlorine Pesticides and PCBs	9409494-03A	CHGC7B409281200	02	Separatory Funnel Liquid-Liquid Extraction	3510940920113000
SW8260 - Volatile Organic Compounds	9409493-08A	MSMSDB409221236	01	METHOD	
Sample ID : G94-01-MW-05 N					
A403 - Alkalinity		GAL9409/13/94	01	METHOD	
AK101 - Gasoline Range Organics	58700- 5	58700A	01	Extraction method identified by analytical method.	58700
AK102 - Diesel Range Organics	58700- 5	58700B	01	Extraction method identified by analytical method.	58700
E170.1 - Temperature		GAL9419/13/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409494-01A	CHGC7A409281200	02	Separatory Funnel Liquid-Liquid Extraction	3510940920113000
SW8080 - Organochlorine Pesticides and PCBs	9409494-01A	CHGC7B409281200	02	Separatory Funnel	3510940920113000

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
				Liquid-Liquid Extraction	
SW8260 - Volatile Organic Compounds	9409493-01A	MSMSDB409221236	01	METHOD	
SW9040 - pH Electrometric Measurement		GAL9429/13/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/13/94	01	METHOD	
Sample ID : G94-01-MW-06 N					
A403 - Alkalinity		GAL9409/16/94	01	METHOD	
AK101 - Gasoline Range Organics	58710- 4	58710A	01	Extraction method identified by analytical method.	58710
AK102 - Diesel Range Organics	58710- 4	58710B	01	Extraction method identified by analytical method.	58710
E170.1 - Temperature		GAL9419/16/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409657-04A	CHGC7A410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8080 - Organochlorine Pesticides and PCBs	9409657-04A	CHGC7B410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8260 - Volatile Organic Compounds	9409659-04B	MSMSDB409221236	01	METHOD	
SW8260 - Volatile Organic Compounds	9409659-04A	MSMSDB409221236	01	METHOD	
SW9040 - pH Electrometric Measurement		GAL9429/16/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/16/94	01	METHOD	
Sample ID : G94-01-MW-07 N					
A403 - Alkalinity		GAL9409/17/94	01	METHOD	
AK101 - Gasoline Range Organics	58710- 1	58710A	01	Extraction method identified by analytical method.	58710
AK102 - Diesel Range Organics	58710- 1	58710B	01	Extraction method identified by analytical method.	58710
E170.1 - Temperature		GAL9419/17/94	01	METHOD	

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8080 - Organochlorine Pesticides and PCBs	9409657-01A	CHGC7A410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8080 - Organochlorine Pesticides and PCBs	9409657-01A	CHGC7B410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8260 - Volatile Organic Compounds	9409659-01A	MSMSDB409221236	01	METHOD	
SW9040 - pH Electrometric Measurement		GAL9429/17/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/17/94	01	METHOD	
Sample ID : G94-01-MW-08 N					
A403 - Alkalinity		GAL9409/16/94	01	METHOD	
AK101 - Gasoline Range Organics	58711- 1	58711A	01	Extraction method identified by analytical method.	58711
AK102 - Diesel Range Organics	58711- 1	58711B	01	Extraction method identified by analytical method.	58711
E170.1 - Temperature		GAL9419/16/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409657-06A	CHGC7A410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8080 - Organochlorine Pesticides and PCBs	9409657-06A	CHGC7B410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8260 - Volatile Organic Compounds	9409659-06A	MSMSDB409221236	01	METHOD	
SW9040 - pH Electrometric Measurement		GAL9429/16/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/16/94	01	METHOD	
Sample ID : G94-02-GW-01 N					
A403 - Alkalinity		GAL9409/07/94	01	METHOD	
AK101 - Gasoline Range Organics	58677- 6	58677A	01	Extraction method identified by analytical method.	58677
AK102 - Diesel Range Organics	58677- 6	58677B	01	Extraction method identified by analytical	58677

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
				method.	
E170.1 - Temperature		GAL9419/07/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409338-01A	CHGC6A409151200	02	Separatory Funnel Liquid-Liquid Extraction	3510940913132500
SW8080 - Organochlorine Pesticides and PCBs	9409338-01A	CHGC6B409151200	02	Separatory Funnel Liquid-Liquid Extraction	3510940913132500
SW8260 - Volatile Organic Compounds	9409336-02A	MSMSDB409190828	01	METHOD	
SW8270 - Semivolatile Organics	9409337-02A	MSMSD1409210806	01	Continuous Liquid-Liquid Extraction	3520940912172000
SW9040 - pH Electrometric Measurement		GAL9429/07/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/07/94	01	METHOD	
Sample ID : G94-02-GW-03 N					
A403 - Alkalinity		GAL9409/07/94	01	METHOD	
AK101 - Gasoline Range Organics	58677- 4	58677A	01	Extraction method identified by analytical method.	58677
AK102 - Diesel Range Organics	58677- 4	58677B	01	Extraction method identified by analytical method.	58677
E170.1 - Temperature		GAL9419/07/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409338-07A	CHGC6A409151200	02	Separatory Funnel Liquid-Liquid Extraction	3510940913132500
SW8080 - Organochlorine Pesticides and PCBs	9409338-07A	CHGC6B409151200	02	Separatory Funnel Liquid-Liquid Extraction	3510940913132500
SW8260 - Volatile Organic Compounds	9409336-03A	MSMSDB409190828	01	METHOD	
SW8270 - Semivolatile Organics	9409337-08A	MSMSD1409210806	01	Continuous Liquid-Liquid Extraction	3520940912172000
SW9040 - pH Electrometric Measurement		GAL9429/07/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/07/94	01	METHOD	
Sample ID : G94-02-GW-04 N					

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
A403 - Alkalinity		GAL9409/07/94	01	METHOD	
AK101 - Gasoline Range Organics	58677- 5	58677A	01	Extraction method identified by analytical method.	58677
AK102 - Diesel Range Organics	58677- 5	58677B	01	Extraction method identified by analytical method.	58677
E170.1 - Temperature		GAL9419/07/94	01	METHOD	
SW8260 - Volatile Organic Compounds	9409336-01A	MSMSDB409190828	01	METHOD	
SW8270 - Semivolatile Organics	9409337-01A	MSMSD1409210806	01	Continuous Liquid-Liquid Extraction	3520940912172000
SW9040 - pH Electrometric Measurement		GAL9429/07/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/07/94	01	METHOD	
Sample ID : G94-02-GW-04R N					
SW8080 - Organochlorine Pesticides and PCBs	9409657-10A	CHGC7A410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8080 - Organochlorine Pesticides and PCBs	9409657-10A	CHGC7B410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
Sample ID : G94-04-MW-03 N					
A403 - Alkalinity		GAL9409/16/94	01	METHOD	
E170.1 - Temperature		GAL9419/16/94	01	METHOD	
SW6010 - Metals	9409658-01A	EMJA61410051000	03	ICP Digestion	IDIG940927090000
SW7060 - Arsenic	9409671-01A	AAZ4__409280830	02	GFAA - Digestion	GDIG940926080000
SW7421 - Lead	9409671-01A	AAZ2__409271700	01	GFAA Digestion	GDIG940927080000
SW9040 - pH Electrometric Measurement		GAL9429/16/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/16/94	01	METHOD	
Sample ID : G94-04-MW-03-02 MS					

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
SW6010 - Metals	9410011-02A	EMJA61410131845 01	ICP Digestion	IDIG941013080000
SW7060 - Arsenic	9410013-02A	AAZ4__410060850 01	GFAA Digestion	GDIG941005083000
SW7421 - Lead	9410013-02A	AAZ2__410070920 02	GFAA Digestion	GDIG941005083000
Sample ID : G94-04-MW-03-02 MSD				
SW6010 - Metals	9410011-03A	EMJA61410131845 01	ICP Digestion	IDIG941013080000
SW7060 - Arsenic	9410013-03A	AAZ4__410060850 01	GFAA Digestion	GDIG941005083000
SW7421 - Lead	9410013-03A	AAZ2__410070920 02	GFAA Digestion	GDIG941005083000
Sample ID : G94-04-MW-03-02 N				
SW6010 - Metals	9410011-01A	EMJA61410131845 01	ICP Digestion	IDIG941013080000
SW7060 - Arsenic	9410013-01A	AAZ4__410060850 01	GFAA Digestion	GDIG941005083000
SW7421 - Lead	9410013-01A	AAZ2__410070920 02	GFAA Digestion	GDIG941005083000
Sample ID : G94-04-MW-03-02 PS				
SW7060 - Arsenic	9410013-01A	AAZ4__410060850 01	GFAA Digestion	GDIG941005083000
SW7421 - Lead	9410013-01A	AAZ2__410070920 02	GFAA Digestion	GDIG941005083000
Sample ID : G94-04-MW-03D MS				
SW7060 - Arsenic	9409671-03A	AAZ4__409280830 02	GFAA - Digestion	GDIG940926080000
Sample ID : G94-04-MW-03D MSD				
SW7060 - Arsenic	9409671-04A	AAZ4__409280830 02	GFAA - Digestion	GDIG940926080000

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-04-MW-03D N					
SW6010 - Metals	9409658-02A	EMJA61410051000	03	ICP Digestion	IDIG940927090000
SW7060 - Arsenic	9409671-02A	AAZ4__409280830	02	GFAA - Digestion	GDIG940926080000
SW7421 - Lead	9409671-02A	AAZ2__409271700	01	GFAA Digestion	GDIG940927080000
Sample ID : G94-04-MW-03D PS					
SW7060 - Arsenic	9409671-02A	AAZ4__409280830	02	GFAA - Digestion	GDIG940926080000
Sample ID : G94-05-MW-02 N					
A403 - Alkalinity		GAL9409/20/94	01	METHOD	
AK101 - Gasoline Range Organics	58738- 1	58738A	01	Extraction method identified by analytical method.	58738
AK102 - Diesel Range Organics	58738- 1	58738B	01	Extraction method identified by analytical method.	58738
E170.1 - Temperature		GAL9419/20/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409806-13A	CHGC6A410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-13A	CHGC6B410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8260 - Volatile Organic Compounds	9409809-01B	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409809-01A	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409805-13A	MSMSD1409270802	02	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW9040 - pH Electrometric Measurement		GAL9429/20/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/20/94	01	METHOD	

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-05-MW-02-FD FD					
A403 - Alkalinity		GAL9409/20/94	01	METHOD	
AK101 - Gasoline Range Organics	58738- 2	58738A	01	Extraction method identified by analytical method.	58738
AK102 - Diesel Range Organics	58738- 2	58738B	01	Extraction method identified by analytical method.	58738
E170.1 - Temperature		GAL9419/20/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409806-14A	CHGC6A410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-14A	CHGC6B410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8260 - Volatile Organic Compounds	9409809-02A	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409805-14A	MSMSD2409270802	02	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW9040 - pH Electrometric Measurement		GAL9429/20/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/20/94	01	METHOD	
Sample ID : G94-05-MW-03 N					
A403 - Alkalinity		GAL9409/20/94	01	METHOD	
AK101 - Gasoline Range Organics	58738- 3	58738A	01	Extraction method identified by analytical method.	58738
AK102 - Diesel Range Organics	58738- 3	58738B	01	Extraction method identified by analytical method.	58738
E170.1 - Temperature		GAL9419/20/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409806-04A	CHGC6A410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-04A	CHGC6B410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8260 - Volatile Organic Compounds	9409809-03A	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409809-03B	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409809-03C	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409805-04A	MSMSD2409270802	02	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW9040 - pH Electrometric Measurement		GAL9429/20/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/20/94	01	METHOD	
Sample ID : G94-05-MW-04 N					
A403 - Alkalinity		GAL9409/20/94	01	METHOD	
AK101 - Gasoline Range Organics	58738- 6	58738A	01	Extraction method identified by analytical method.	58738
AK102 - Diesel Range Organics	58738- 6	58738B	01	Extraction method identified by analytical method.	58738
E170.1 - Temperature		GAL9419/20/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409806-12A	CHGC6A410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-12A	CHGC6B410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8260 - Volatile Organic Compounds	9409809-06B	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409809-06C	MSMSDB409301814	01	METHOD	
SW8270 - Semivolatile Organics	9409805-12A	MSMSD1409270802	02	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW8270 - Semivolatile Organics	9409805-12A	MSMSD1409280819	01	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW9040 - pH Electrometric Measurement		GAL9429/20/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/20/94	01	METHOD	
Sample ID : G94-05-MW-05 N					
A403 - Alkalinity		GAL9409/20/94	01	METHOD	

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
AK101 - Gasoline Range Organics	58738- 4	58738A	01	Extraction method identified by analytical method.	58738
AK102 - Diesel Range Organics	58738- 4	58738B	01	Extraction method identified by analytical method.	58738
E170.1 - Temperature		GAL9419/20/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409806-05A	CHGC6A410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-05A	CHGC6B410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8260 - Volatile Organic Compounds	9409809-04A	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409809-04C	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409809-04B	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409805-05A	MSMSD1409270802	02	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW8270 - Semivolatile Organics	9409805-05A	MSMSD1409280819	01	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW9040 - pH Electrometric Measurement		GAL9429/20/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/20/94	01	METHOD	
Sample ID : G94-05-MW-06 N					
A403 - Alkalinity		GAL9409/11/94	01	METHOD	
AK101 - Gasoline Range Organics	58684- 2	58684A	01	Extraction method identified by analytical method.	58684
AK102 - Diesel Range Organics	58684- 2	58684B	01	Extraction method identified by analytical method.	58684
E170.1 - Temperature		GAL9419/11/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409388-01A	CHGC6A409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-01A	CHGC6B409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8260 - Volatile Organic Compounds	9409386-01A	MSMSDB409221236	01	METHOD	
SW8270 - Semivolatile Organics	9409387-01A	MSMSD2409210757	01	Continuous Liquid-Liquid Extraction	3520940915130000
SW9040 - pH Electrometric Measurement		GAL9429/11/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/11/94	01	METHOD	
Sample ID : G94-05-MW-07 N					
A403 - Alkalinity		GAL9409/20/94	01	METHOD	
AK101 - Gasoline Range Organics	58738- 5	58738A	01	Extraction method identified by analytical method.	58738
AK102 - Diesel Range Organics	58738- 5	58738B	01	Extraction method identified by analytical method.	58738
E170.1 - Temperature		GAL9419/20/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409806-11A	CHGC6A410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-11A	CHGC6B410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8260 - Volatile Organic Compounds	9409809-05A	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409809-05B	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409809-05C	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409805-11A	MSMSD1409270802	02	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW8270 - Semivolatile Organics	9409805-11A	MSMSD1409280819	01	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW9040 - pH Electrometric Measurement		GAL9429/20/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/20/94	01	METHOD	
Sample ID : G94-05-MW-11 N					
A403 - Alkalinity		GAL9409/19/94	01	METHOD	
AK101 - Gasoline Range Organics	58738- 7	58738A	01	Extraction method	58738

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
				identified by analytical method.	
AK102 - Diesel Range Organics	58738- 7	58738B	01	Extraction method identified by analytical method.	58738
E170.1 - Temperature		GAL9419/19/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409806-08A	CHGC6A410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-08A	CHGC6B410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8260 - Volatile Organic Compounds	9409809-07A	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409805-09A	MSMSD1409270802	02	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW9040 - pH Electrometric Measurement		GAL9429/19/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/19/94	01	METHOD	
Sample ID : G94-05-MW-13 N					
A403 - Alkalinity		GAL9409/13/94	01	METHOD	
AK101 - Gasoline Range Organics	58700- 2	58700A	01	Extraction method identified by analytical method.	58700
AK102 - Diesel Range Organics	58700- 2	58700B	01	Extraction method identified by analytical method.	58700
E170.1 - Temperature		GAL9419/13/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409494-05A	CHGC7A409281200	02	Separatory Funnel Liquid-Liquid Extraction	3510940920113000
SW8080 - Organochlorine Pesticides and PCBs	9409494-05A	CHGC7B409281200	02	Separatory Funnel Liquid-Liquid Extraction	3510940920113000
SW8260 - Volatile Organic Compounds	9409493-03A	MSMSDB409221236	01	METHOD	
SW8270 - Semivolatile Organics	9409495-01A	MSMSD2409220827	01	Separatory Funnel Liquid-Liquid Extraction	3510940919101500
SW9040 - pH Electrometric Measurement		GAL9429/13/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/13/94	01	METHOD	

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-05-MW-14 N					
A403 - Alkalinity		GAL9409/19/94	01	METHOD	
AK101 - Gasoline Range Organics	58738- 8	58738A	01	Extraction method identified by analytical method.	58738
AK102 - Diesel Range Organics	58738- 8	58738B	01	Extraction method identified by analytical method.	58738
E170.1 - Temperature		GAL9419/19/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409806-09A	CHGC6A410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-09A	CHGC6B410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8260 - Volatile Organic Compounds	9409809-08A	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409809-08B	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409805-10A	MSMSD1409270802	02	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW9040 - pH Electrometric Measurement		GAL9429/19/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/19/94	01	METHOD	
Sample ID : G94-05-MW-15 N					
A403 - Alkalinity		GAL9409/19/94	01	METHOD	
AK101 - Gasoline Range Organics	58738- 9	58738A	01	Extraction method identified by analytical method.	58738
AK102 - Diesel Range Organics	58738- 9	58738B	01	Extraction method identified by analytical method.	58738
E170.1 - Temperature		GAL9419/19/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409806-10A	CHGC6A410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8080 - Organochlorine Pesticides and PCBs	9409806-10A	CHGC6B410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8260 - Volatile Organic Compounds	9409809-09A	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409805-06A	MSMSD1409270802	02	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW9040 - pH Electrometric Measurement		GAL9429/19/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/19/94	01	METHOD	
Sample ID : G94-06-MW-01 N					
A403 - Alkalinity		GAL9409/17/94	01	METHOD	
AK101 - Gasoline Range Organics	58710- 3	58710A	01	Extraction method identified by analytical method.	58710
AK102 - Diesel Range Organics	58710- 3	58710B	01	Extraction method identified by analytical method.	58710
E170.1 - Temperature		GAL9419/17/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409657-03A	CHGC7A410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8080 - Organochlorine Pesticides and PCBs	9409657-03A	CHGC7B410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8260 - Volatile Organic Compounds	9409659-03C	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409659-03A	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409659-03B	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409656-02A	MSMSD1409260833	02	Continuous Liquid-Liquid Extraction	3520940921163000
SW9040 - pH Electrometric Measurement		GAL9429/17/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/17/94	01	METHOD	
Sample ID : G94-06-MW-02 MS					
AK101 - Gasoline Range Organics	58684- 8	58684A	01	Extraction method identified by analytical	58684

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
				method.	
AK102 - Diesel Range Organics	58684- 8	58684B	01	Extraction method identified by analytical method.	58684
SW8080 - Organochlorine Pesticides and PCBs	9409388-10A	CHGC6A409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-10A	CHGC6B409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8260 - Volatile Organic Compounds	9409386-11A	MSMSDB409221236	01	METHOD	
SW8270 - Semivolatile Organics	9409387-10A	MSMSD2409210757	01	Continuous Liquid-Liquid Extraction	3520940915130000
Sample ID : G94-06-MW-02 MSD					
AK101 - Gasoline Range Organics	58684- 9	58684A	01	Extraction method identified by analytical method.	58684
AK102 - Diesel Range Organics	58684-9	58684B	01	Extraction method identified by analytical method.	58684
SW8080 - Organochlorine Pesticides and PCBs	9409388-11A	CHGC6A409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-11A	CHGC6B409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8260 - Volatile Organic Compounds	9409386-12A	MSMSDB409221236	01	METHOD	
SW8270 - Semivolatile Organics	9409387-11A	MSMSD2409210757	01	Continuous Liquid-Liquid Extraction	3520940915130000
Sample ID : G94-06-MW-02 N					
A403 - Alkalinity		GAL9409/12/94	01	METHOD	
AK101 - Gasoline Range Organics	58684- 4	58684A	01	Extraction method identified by analytical method.	58684

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
AK102 - Diesel Range Organics	58684- 4	58684B	01	Extraction method identified by analytical method.	58684
E170.1 - Temperature		GAL9419/12/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409388-09A	CHGC6A409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-09A	CHGC6B409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8260 - Volatile Organic Compounds	9409386-10A	MSMSDB409221236	01	METHOD	
SW8270 - Semivolatile Organics	9409387-09A	MSMSD2409210757	01	Continuous Liquid-Liquid Extraction	3520940915130000
SW9040 - pH Electrometric Measurement		GAL9429/12/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/12/94	01	METHOD	
Sample ID : G94-06-MW-03 MS					
AK101 - Gasoline Range Organics	58677-10	58677A	01	Extraction method identified by analytical method.	58677
AK102 - Diesel Range Organics	58677-10	58677B	01	Extraction method identified by analytical method.	58677
SW8080 - Organochlorine Pesticides and PCBs	9409338-03A	CHGC6A409151200	02	Separatory Funnel Liquid-Liquid Extraction	3510940913132500
SW8080 - Organochlorine Pesticides and PCBs	9409338-03A	CHGC6B409151200	02	Separatory Funnel Liquid-Liquid Extraction	3510940913132500
SW8260 - Volatile Organic Compounds	9409336-05A	MSMSDB409190828	01	METHOD	
SW8270 - Semivolatile Organics	9409337-04A	MSMSD1409210806	01	Continuous Liquid-Liquid Extraction	3520940912172000
Sample ID : G94-06-MW-03 MSD					
AK101 - Gasoline Range Organics	58677-11	58677A	01	Extraction method identified by analytical	58677

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
				method.	
AK102 - Diesel Range Organics	58677-11	58677B	01	Extraction method identified by analytical method.	58677
SW8080 - Organochlorine Pesticides and PCBs	9409338-04A	CHGC6A409151200	02	Separatory Funnel Liquid-Liquid Extraction	3510940913132500
SW8080 - Organochlorine Pesticides and PCBs	9409338-04A	CHGC6B409151200	02	Separatory Funnel Liquid-Liquid Extraction	3510940913132500
SW8260 - Volatile Organic Compounds	9409336-06A	MSMSDB409190828	01	METHOD	
SW8270 - Semivolatile Organics	9409337-05A	MSMSD1409210806	01	Continuous Liquid-Liquid Extraction	3520940912172000
Sample ID : G94-06-MW-03 N					
A403 - Alkalinity		GAL9409/08/94	01	METHOD	
AK101 - Gasoline Range Organics	58677- 1	58677A	01	Extraction method identified by analytical method.	58677
AK102 - Diesel Range Organics	58677- 1	58677B	01	Extraction method identified by analytical method.	58677
E170.1 - Temperature		GAL9419/08/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409338-02A	CHGC6A409151200	02	Separatory Funnel Liquid-Liquid Extraction	3510940913132500
SW8080 - Organochlorine Pesticides and PCBs	9409338-02A	CHGC6B409151200	02	Separatory Funnel Liquid-Liquid Extraction	3510940913132500
SW8260 - Volatile Organic Compounds	9409336-04A	MSMSDB409190828	01	METHOD	
SW8270 - Semivolatile Organics	9409337-03A	MSMSD1409210806	01	Continuous Liquid-Liquid Extraction	3520940912172000
SW9040 - pH Electrometric Measurement		GAL9429/08/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/08/94	01	METHOD	
Sample ID : G94-06-MW-03-FD FD					

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
A403 - Alkalinity		GAL9409/08/94	01	METHOD	
AK101 - Gasoline Range Organics	58677- 2	58677A	01	Extraction method identified by analytical method.	58677
AK102 - Diesel Range Organics	58677- 2	58677B	01	Extraction method identified by analytical method.	58677
E170.1 - Temperature		GAL9419/08/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409338-05A	CHGC6A409151200	02	Separatory Funnel Liquid-Liquid Extraction	3510940913132500
SW8080 - Organochlorine Pesticides and PCBs	9409338-05A	CHGC6B409151200	02	Separatory Funnel Liquid-Liquid Extraction	3510940913132500
SW8260 - Volatile Organic Compounds	9409336-07A	MSMSDB409190828	01	METHOD	
SW8270 - Semivolatile Organics	9409337-06A	MSMSD1409210806	01	Continuous Liquid-Liquid Extraction	3520940912172000
SW9040 - pH Electrometric Measurement		GAL9429/08/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/08/94	01	METHOD	
Sample ID : G94-06-MW-04 N					
A403 - Alkalinity		GAL9409/18/94	01	METHOD	
AK101 - Gasoline Range Organics	58711- 2	58711A	01	Extraction method identified by analytical method.	58711
AK102 - Diesel Range Organics	58711- 2	58711B	01	Extraction method identified by analytical method.	58711
E170.1 - Temperature		GAL9419/18/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409657-07A	CHGC7A410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8080 - Organochlorine Pesticides and PCBs	9409657-07A	CHGC7B410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8260 - Volatile Organic Compounds	9409659-07A	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409659-07B	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409659-07C	MSMSDB409291513	01	METHOD	

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8270 - Semivolatile Organics	9409656-04A	MSMSD1409260833	02	Continuous Liquid-Liquid Extraction	3520940921163000
SW9040 - pH Electrometric Measurement		GAL9429/18/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/18/94	01	METHOD	
Sample ID : G94-06-MW-05 N					
A403 - Alkalinity		GAL9409/12/94	01	METHOD	
AK101 - Gasoline Range Organics	58684- 5	58684A	01	Extraction method identified by analytical method.	58684
AK102 - Diesel Range Organics	58684- 5	58684B	01	Extraction method identified by analytical method.	58684
E170.1 - Temperature		GAL9419/12/94	01	METHOD	
SW6010 - Metals	9409389-01A	EMJA61410051000	01	ICP Digestion	IDIG940919080000
SW7060 - Arsenic	9409423-01A	AAZ3__409191721	01	GFAA Digestion	GDIG940919080000
SW7421 - Lead	9409423-01A	AAZ1__409191700	01	GFAA Digestion	GDIG940919080000
SW8080 - Organochlorine Pesticides and PCBs	9409388-12A	CHGC6A409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-12A	CHGC6B409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8260 - Volatile Organic Compounds	9409386-13A	MSMSDB409221236	01	METHOD	
SW8270 - Semivolatile Organics	9409387-12A	MSMSD2409210757	01	Continuous Liquid-Liquid Extraction	3520940915130000
SW9040 - pH Electrometric Measurement		GAL9429/12/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/12/94	01	METHOD	
Sample ID : G94-06-MW-05D MS					
SW6010 - Metals	9409389-03A	EMJA61410051000	01	ICP Digestion	IDIG940919080000
SW7060 - Arsenic	9409423-03A	AAZ3__409191721	01	GFAA Digestion	GDIG940919080000
SW7421 - Lead	9409423-03A	AAZ1__409191700	01	GFAA Digestion	GDIG940919080000

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-06-MW-05D MSD					
SW6010 - Metals	9409389-04A	EMJA61410051000	01	ICP Digestion	IDIG940919080000
SW7060 - Arsenic	9409423-04A	AAZ3__409191721	01	GFAA Digestion	GDIG940919080000
SW7421 - Lead	9409423-04A	AAZ1__409191700	01	GFAA Digestion	GDIG940919080000
Sample ID : G94-06-MW-05D N					
SW6010 - Metals	9409389-02A	EMJA61410051000	01	ICP Digestion	IDIG940919080000
SW7060 - Arsenic	9409423-02A	AAZ3__409191721	01	GFAA Digestion	GDIG940919080000
SW7421 - Lead	9409423-02A	AAZ1__409191700	01	GFAA Digestion	GDIG940919080000
Sample ID : G94-06-MW-05D PS					
SW7060 - Arsenic	9409423-02A	AAZ3__409191721	01	GFAA Digestion	GDIG940919080000
SW7421 - Lead	9409423-02A	AAZ1__409191700	01	GFAA Digestion	GDIG940919080000
Sample ID : G94-06-MW-06 N					
A403 - Alkalinity		GAL9409/12/94	01	METHOD	
AK101 - Gasoline Range Organics	58684- 6	58684A	01	Extraction method identified by analytical method.	58684
AK102 - Diesel Range Organics	58684- 6	58684B	01	Extraction method identified by analytical method.	58684
E170.1 - Temperature		GAL9419/12/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409388-13A	CHGC6A409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-13A	CHGC6B409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8260 - Volatile Organic Compounds	9409386-14A	MSMSDB409221236	01	METHOD	

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8270 - Semivolatile Organics	9409387-13A	MSMSD2409210757	01	Continuous Liquid-Liquid Extraction	3520940915130000
SW9040 - pH Electrometric Measurement		GAL9429/12/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/12/94	01	METHOD	
Sample ID : G94-06-MW-07 N					
A403 - Alkalinity		GAL9409/16/94	01	METHOD	
AK101 - Gasoline Range Organics	58710- 5	58710A	01	Extraction method identified by analytical method.	58710
AK102 - Diesel Range Organics	58710- 5	58710B	01	Extraction method identified by analytical method.	58710
E170.1 - Temperature		GAL9419/16/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409657-05A	CHGC7A410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8080 - Organochlorine Pesticides and PCBs	9409657-05A	CHGC7B410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8260 - Volatile Organic Compounds	9409659-05A	MSMSDB409221236	01	METHOD	
SW8270 - Semivolatile Organics	9409656-03A	MSMSD1409260833	02	Continuous Liquid-Liquid Extraction	3520940921163000
SW9040 - pH Electrometric Measurement		GAL9429/16/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/16/94	01	METHOD	
Sample ID : G94-09-MW-01 N					
A403 - Alkalinity		GAL9409/11/94	01	METHOD	
AK101 - Gasoline Range Organics	58683- 7	58683A	01	Extraction method identified by analytical method.	58683
AK102 - Diesel Range Organics	58683- 7	58683B	01	Extraction method identified by analytical method.	58683

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
E170.1 - Temperature		GAL9419/11/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409388-07A	CHGC6A409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-07A	CHGC6B409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8260 - Volatile Organic Compounds	9409386-07A	MSMSDB409221236	01	METHOD	
SW8260 - Volatile Organic Compounds	9409386-07B	MSMSDB409221236	01	METHOD	
SW8270 - Semivolatile Organics	9409387-07A	MSMSD2409210757	01	Continuous Liquid-Liquid Extraction	3520940915130000
SW9040 - pH Electrometric Measurement		GAL9429/11/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/11/94	01	METHOD	
Sample ID : G94-09-MW-02 N					
A403 - Alkalinity		GAL9409/11/94	01	METHOD	
AK101 - Gasoline Range Organics	58683- 5	58683A	01	Extraction method identified by analytical method.	58683
AK102 - Diesel Range Organics	58683- 5	58683B	01	Extraction method identified by analytical method.	58683
E170.1 - Temperature		GAL9419/11/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409388-06A	CHGC6A409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-06A	CHGC6B409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8260 - Volatile Organic Compounds	9409386-06A	MSMSDB409221236	01	METHOD	
SW8270 - Semivolatile Organics	9409387-06A	MSMSD2409210757	01	Continuous Liquid-Liquid Extraction	3520940915130000
SW9040 - pH Electrometric Measurement		GAL9429/11/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/11/94	01	METHOD	
Sample ID : G94-09-MW-03 N					

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
A403 - Alkalinity		GAL9409/10/94	01	METHOD	
AK101 - Gasoline Range Organics	58683- 2	58683A	01	Extraction method identified by analytical method.	58683
AK102 - Diesel Range Organics	58683- 2	58683B	01	Extraction method identified by analytical method.	58683
E170.1 - Temperature		GAL9419/10/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409388-03A	CHGC6A409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-03A	CHGC6B409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8260 - Volatile Organic Compounds	9409386-03A	MSMSDB409190828	01	METHOD	
SW8270 - Semivolatile Organics	9409387-03A	MSMSD2409210757	01	Continuous Liquid-Liquid Extraction	3520940915130000
SW9040 - pH Electrometric Measurement		GAL9429/10/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/10/94	01	METHOD	
Sample ID : G94-09-MW-04 N					
A403 - Alkalinity		GAL9409/08/94	01	METHOD	
AK101 - Gasoline Range Organics	58677- 3	58677A	01	Extraction method identified by analytical method.	58677
AK102 - Diesel Range Organics	58677- 3	58677B	01	Extraction method identified by analytical method.	58677
E170.1 - Temperature		GAL9419/08/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409338-06A	CHGC6A409151200	02	Separatory Funnel Liquid-Liquid Extraction	3510940913132500
SW8080 - Organochlorine Pesticides and PCBs	9409338-06A	CHGC6B409151200	02	Separatory Funnel Liquid-Liquid Extraction	3510940913132500
SW8260 - Volatile Organic Compounds	9409336-08A	MSMSDB409190828	01	METHOD	
SW8270 - Semivolatile Organics	9409337-07A	MSMSD1409210806	01	Continuous Liquid-Liquid Extraction	3520940912172000

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW9040 - pH Electrometric Measurement		GAL9429/08/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/08/94	01	METHOD	
Sample ID : G94-09-MW-05 N					
A403 - Alkalinity		GAL9409/10/94	01	METHOD	
AK101 - Gasoline Range Organics	58683- 3	58683A	01	Extraction method identified by analytical method.	58683
AK102 - Diesel Range Organics	58683- 3	58683B	01	Extraction method identified by analytical method.	58683
E170.1 - Temperature		GAL9419/10/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409388-04A	CHGC6A409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-04A	CHGC6B409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8260 - Volatile Organic Compounds	9409386-04A	MSMSDB409190828	01	METHOD	
SW8270 - Semivolatile Organics	9409387-04A	MSMSD2409210757	01	Continuous Liquid-Liquid Extraction	3520940915130000
SW9040 - pH Electrometric Measurement		GAL9429/10/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/10/94	01	METHOD	
Sample ID : G94-09-MW-05-FD FD					
A403 - Alkalinity		GAL9409/10/94	01	METHOD	
AK101 - Gasoline Range Organics	58683- 4	58683A	01	Extraction method identified by analytical method.	58683
AK102 - Diesel Range Organics	58683- 4	58683B	01	Extraction method identified by analytical method.	58683
E170.1 - Temperature		GAL9419/10/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409388-05A	CHGC6A409261200	01	Separatory Funnel	3510940915181500

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8080 - Organochlorine Pesticides and PCBs	9409388-05A	CHGC6B409261200	01	Liquid-Liquid Extraction Separatory Funnel	3510940915181500
SW8260 - Volatile Organic Compounds	9409386-05A	MSMSDB409190828	01	Liquid-Liquid Extraction METHOD	
SW8270 - Semivolatile Organics	9409387-05A	MSMSD2409210757	01	Continuous Liquid-Liquid Extraction	3520940915130000
SW9040 - pH Electrometric Measurement		GAL9429/10/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/10/94	01	METHOD	
Sample ID : G94-09-MW-06 N					
A403 - Alkalinity		GAL9409/10/94	01	METHOD	
AK101 - Gasoline Range Organics	58683- 1	58683A	01	Extraction method identified by analytical method.	58683
AK102 - Diesel Range Organics	58683- 1	58683B	01	Extraction method identified by analytical method.	58683
E170.1 - Temperature		GAL9419/10/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409388-02A	CHGC6A409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-02A	CHGC6B409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8260 - Volatile Organic Compounds	9409386-02A	MSMSDB409190828	01	METHOD	
SW8270 - Semivolatile Organics	9409387-02A	MSMSD2409210757	01	Continuous Liquid-Liquid Extraction	3520940915130000
SW9040 - pH Electrometric Measurement		GAL9429/10/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/10/94	01	METHOD	
Sample ID : G94-09-MW-08 N					
A403 - Alkalinity		GAL9409/18/94	01	METHOD	
AK101 - Gasoline Range Organics	58711- 4	58711A	01	Extraction method identified by analytical	58711

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
				method.	
AK102 - Diesel Range Organics	58711- 4	58711B	01	Extraction method identified by analytical method.	58711
E170.1 - Temperature		GAL9419/18/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409657-08A	CHGC7A410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8080 - Organochlorine Pesticides and PCBs	9409657-08A	CHGC7B410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8260 - Volatile Organic Compounds	9409659-09B	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409659-09A	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409656-06A	MSMSD1409260833	02	Continuous Liquid-Liquid Extraction	3520940921163000
SW9040 - pH Electrometric Measurement		GAL9429/18/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/18/94	01	METHOD	
Sample ID : G94-09-MW-12 N					
A403 - Alkalinity		GAL9409/18/94	01	METHOD	
AK101 - Gasoline Range Organics	58711- 3	58711A	01	Extraction method identified by analytical method.	58711
AK102 - Diesel Range Organics	58711- 3	58711B	01	Extraction method identified by analytical method.	58711
E170.1 - Temperature		GAL9419/18/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409657-09A	CHGC7A410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8080 - Organochlorine Pesticides and PCBs	9409657-09A	CHGC7B410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8260 - Volatile Organic Compounds	9409659-08B	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409659-08A	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409656-05A	MSMSD1409260833	02	Continuous Liquid-Liquid Extraction	3520940921163000
SW8270 - Semivolatile Organics	9409656-05A	MSMSD2409270802	01	Continuous Liquid-Liquid	3520940921163000

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
				Extraction	
SW9040 - pH Electrometric Measurement		GAL9429/18/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/18/94	01	METHOD	
Sample ID : G94-09-MW-15 N					
A403 - Alkalinity		GAL9409/11/94	01	METHOD	
AK101 - Gasoline Range Organics	58683- 6	58683A	01	Extraction method identified by analytical method.	58683
AK102 - Diesel Range Organics	58683- 6	58683B	01	Extraction method identified by analytical method.	58683
E170.1 - Temperature		GAL9419/11/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409388-14A	CHGC6A409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-14A	CHGC6B409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8260 - Volatile Organic Compounds	9409447-01A	MSMSDB409190828	01	METHOD	
SW8270 - Semivolatile Organics	9409387-14A	MSMSD2409210757	01	Continuous Liquid-Liquid Extraction	3520940915130000
SW9040 - pH Electrometric Measurement		GAL9429/11/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/11/94	01	METHOD	
Sample ID : G94-10-MW-01 N					
A403 - Alkalinity		GAL9409/17/94	01	METHOD	
AK101 - Gasoline Range Organics	58710- 2	58710A	01	Extraction method identified by analytical method.	58710
AK102 - Diesel Range Organics	58710- 2	58710B	01	Extraction method identified by analytical method.	58710
E170.1 - Temperature		GAL9419/17/94	01	METHOD	

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8080 - Organochlorine Pesticides and PCBs	9409657-02A	CHGC7A410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8080 - Organochlorine Pesticides and PCBs	9409657-02A	CHGC7B410121200	01	Separatory Funnel Liquid-Liquid Extraction	3510940921171500
SW8260 - Volatile Organic Compounds	9409659-02A	MSMSDB409221236	01	METHOD	
SW8270 - Semivolatile Organics	9409656-01A	MSMSD1409260833	02	Continuous Liquid-Liquid Extraction	3520940921163000
SW9040 - pH Electrometric Measurement		GAL9429/17/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/17/94	01	METHOD	
Sample ID : G94-10-MW-03 N					
A403 - Alkalinity		GAL9409/11/94	01	METHOD	
AK101 - Gasoline Range Organics	58684- 1	58684A	01	Extraction method identified by analytical method.	58684
AK102 - Diesel Range Organics	58684- 1	58684B	01	Extraction method identified by analytical method.	58684
E170.1 - Temperature		GAL9419/11/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409388-08A	CHGC6A409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-08A	CHGC6B409261200	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8260 - Volatile Organic Compounds	9409386-08B	MSMSDB409221236	01	METHOD	
SW8260 - Volatile Organic Compounds	9409386-08A	MSMSDB409221236	01	METHOD	
SW8270 - Semivolatile Organics	9409387-08A	MSMSD2409210757	01	Continuous Liquid-Liquid Extraction	3520940915130000
SW9040 - pH Electrometric Measurement		GAL9429/11/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/11/94	01	METHOD	
Sample ID : G94-13-MW-37 MS					
AK101 - Gasoline Range Organics	58738-15	58738A	01	Extraction method	58738

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
				identified by analytical method.	
AK102 - Diesel Range Organics	58738-14	58738B	01	Extraction method identified by analytical method.	58738
SW6010 - Metals	9409807-03A	EMJA61410051000	03	ICP Digestion	IDIG940927090000
SW7060 - Arsenic	9409808-03A	AAZ3__409281632	02	GFAA Digestion	GDIG940927080000
SW7421 - Lead	9409808-03A	AAZ2__409271700	01	GFAA Digestion	GDIG940927080000
SW8080 - Organochlorine Pesticides and PCBs	9409806-02A	CHGC6A410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-02A	CHGC6B410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8260 - Volatile Organic Compounds	9409809-12A	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409805-02A	MSMSD1409270802	02	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW8270 - Semivolatile Organics	9409805-02A	MSMSD1409280819	01	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
Sample ID : G94-13-MW-37 MSD					
AK101 - Gasoline Range Organics	58738-16	58738A	01	Extraction method identified by analytical method.	58738
AK102 - Diesel Range Organics	58738-15	58738B	01	Extraction method identified by analytical method.	58738
SW6010 - Metals	9409807-04A	EMJA61410051000	03	ICP Digestion	IDIG940927090000
SW7060 - Arsenic	9409808-04A	AAZ3__409281632	02	GFAA Digestion	GDIG940927080000
SW7421 - Lead	9409808-04A	AAZ2__409271700	01	GFAA Digestion	GDIG940927080000
SW8080 - Organochlorine Pesticides and PCBs	9409806-03A	CHGC6A410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-03A	CHGC6B410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8260 - Volatile Organic Compounds	9409809-13A	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409805-03A	MSMSD1409270802	02	Separatory Funnel	3510940926101500

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8270 - Semivolatile Organics	9409805-03A	MSMSD1409280819	01	Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction	3510940926101500
Sample ID : G94-13-MW-37 N					
A403 - Alkalinity		GAL9409/19/94	01	METHOD	
AK101 - Gasoline Range Organics	58738-10	58738A	01	Extraction method identified by analytical method.	58738
AK102 - Diesel Range Organics	58738-10	58738B	01	Extraction method identified by analytical method.	58738
E170.1 - Temperature		GAL9419/19/94	01	METHOD	
SW6010 - Metals	9409807-02A	EMJA61410051000	03	ICP Digestion	IDIG940927090000
SW7060 - Arsenic	9409808-02A	AAZ3__409281632	02	GFAA Digestion	GDIG940927080000
SW7421 - Lead	9409808-02A	AAZ2__409271700	01	GFAA Digestion	GDIG940927080000
SW8080 - Organochlorine Pesticides and PCBs	9409806-01A	CHGC6A410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-01A	CHGC6B410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8260 - Volatile Organic Compounds	9409809-11B	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409809-11A	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409805-01A	MSMSD1409270802	02	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW8270 - Semivolatile Organics	9409805-01A	MSMSD1409280819	01	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW9040 - pH Electrometric Measurement		GAL9429/19/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/19/94	01	METHOD	
Sample ID : G94-13-MW-37 PS					
SW7060 - Arsenic	9409808-02A	AAZ3__409281632	02	GFAA Digestion	GDIG940927080000
SW7421 - Lead	9409808-02A	AAZ2__409271700	01	GFAA Digestion	GDIG940927080000

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-13-MW-37-FD FD					
A403 - Alkalinity		GAL9409/19/94	01	METHOD	
AK101 - Gasoline Range Organics	58738-11	58738A	01	Extraction method identified by analytical method.	58738
AK102 - Diesel Range Organics	58738-11	58738B	01	Extraction method identified by analytical method.	58738
E170.1 - Temperature		GAL9419/19/94	01	METHOD	
SW6010 - Metals	9409807-01A	EMJA61410051000	03	ICP Digestion	IDIG940927090000
SW7060 - Arsenic	9409808-01A	AAZ3__409281632	02	GFAA Digestion	GDIG940927080000
SW7421 - Lead	9409808-01A	AAZ2__409271700	01	GFAA Digestion	GDIG940927080000
SW8080 - Organochlorine Pesticides and PCBs	9409806-06A	CHGC6A410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-06A	CHGC6B410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8260 - Volatile Organic Compounds	9409809-10A	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409805-07A	MSMSD1409270802	02	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW9040 - pH Electrometric Measurement		GAL9429/19/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/19/94	01	METHOD	
Sample ID : G94-13-MW-38 N					
A403 - Alkalinity		GAL9409/19/94	01	METHOD	
AK101 - Gasoline Range Organics	58738-12	58738A	01	Extraction method identified by analytical method.	58738
AK102 - Diesel Range Organics	58738-12	58738B	01	Extraction method identified by analytical method.	58738
E170.1 - Temperature		GAL9419/19/94	01	METHOD	

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW6010 - Metals	9409807-05A	EMJA61410051000	03	ICP Digestion	IDIG940927090000
SW7060 - Arsenic	9409808-05A	AAZ3__409281632	02	GFAA Digestion	GDIG940927080000
SW7421 - Lead	9409808-05A	AAZ2__409271700	01	GFAA Digestion	GDIG940927080000
SW8080 - Organochlorine Pesticides and PCBs	9409806-07A	CHGC6A410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-07A	CHGC6B410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8260 - Volatile Organic Compounds	9409809-14A	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409805-08A	MSMSD1409270802	02	Separatory Funnel Liquid-Liquid Extraction	3510940926101500
SW9040 - pH Electrometric Measurement		GAL9429/19/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/19/94	01	METHOD	
Sample ID : G94-AB-01 AB					
AK101 - Gasoline Range Organics	58677- 7	58677A	01	Extraction method identified by analytical method.	58677
SW8260 - Volatile Organic Compounds	9409336-09A	MSMSDB409190828	01	METHOD	
Sample ID : G94-DD-SS-03-EB EB					
AK101 - Gasoline Range Organics	58743-20	58743C	01	Extraction method identified by analytical method.	58743
AK102 - Diesel Range Organics	58743-20	58743D	01	Extraction method identified by analytical method.	58743
SW8080 - Organochlorine Pesticides and PCBs	9409844-02A	CHGC7A410141200	01	Separatory Funnel Liquid-Liquid Extraction	3510940928153000
SW8080 - Organochlorine Pesticides and PCBs	9409844-02A	CHGC7B410141200	01	Separatory Funnel Liquid-Liquid Extraction	3510940928153000

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-MB-SS-05-EB EB					
SW8080 - Organochlorine Pesticides and PCBs	9410010-01A	CHGC7A410211200	02	Separatory Funnel Liquid-Liquid Extraction	3510941004151100
SW8080 - Organochlorine Pesticides and PCBs	9410010-01A	CHGC7B410211200	02	Separatory Funnel Liquid-Liquid Extraction	3510941004151100
Sample ID : G94-PO-SS-02-EB EB					
AK101 - Gasoline Range Organics	58743- 8	58743C	01	Extraction method identified by analytical method.	58743
AK102 - Diesel Range Organics	58743- 8	58743D	01	Extraction method identified by analytical method.	58743
SW6010 - Metals	9409846-01A	EMJA61410131845	01	ICP Digestion	IDIG941013080000
SW8080 - Organochlorine Pesticides and PCBs	9409844-01A	CHGC7A410141200	01	Separatory Funnel Liquid-Liquid Extraction	3510940928153000
SW8080 - Organochlorine Pesticides and PCBs	9409844-01A	CHGC7B410141200	01	Separatory Funnel Liquid-Liquid Extraction	3510940928153000
SW8270 - Semivolatile Organics	9409845-01A	MSMSD1410030858	01	Soxhlet Extraction	3520940928150500
Sample ID : G94-TB-01 TB					
AK101 - Gasoline Range Organics	58677- 8	58677A	01	Extraction method identified by analytical method.	58677
SW8260 - Volatile Organic Compounds	9409336-10A	MSMSDB409190828	01	METHOD	
Sample ID : G94-TB-02 TB					
AK101 - Gasoline Range Organics	58683- 8	58683A	01	Extraction method	58683

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
				identified by analytical method.	
SW8260 - Volatile Organic Compounds	9409386-09A	MSMSDB409221236	01	METHOD	
Sample ID : G94-TB-03 TB					
AK101 - Gasoline Range Organics	58684- 3	58684A	01	Extraction method identified by analytical method.	58684
SW8260 - Volatile Organic Compounds	9409386-15A	MSMSDB409221236	01	METHOD	
Sample ID : G94-TB-04 TB					
AK101 - Gasoline Range Organics	58700- 6	58700A	01	Extraction method identified by analytical method.	58700
SW8260 - Volatile Organic Compounds	9409493-06A	MSMSDB409221236	01	METHOD	
Sample ID : G94-TB-05 TB					
AK101 - Gasoline Range Organics	58711- 5	58711A	01	Extraction method identified by analytical method.	58711
SW8260 - Volatile Organic Compounds	9409659-10B	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409659-10A	MSMSDB409291513	01	METHOD	
Sample ID : G94-TB-06 TB					
AK101 - Gasoline Range Organics	58710- 6	58710A	01	Extraction method identified by analytical method.	58710

TABLE 5.1 BATCH SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-TB-07 TB					
AK101 - Gasoline Range Organics	58738-13	58738A	01	Extraction method identified by analytical method.	58738
SW8260 - Volatile Organic Compounds	9409809-15A	MSMSDB409291513	01	METHOD	
Sample ID : G94-TB-09 TB					
AK101 - Gasoline Range Organics	58743-19	58743C	01	Extraction method identified by analytical method.	58743

ATTACHMENT C - APPENDIX B

Table A-5.2

Batch Summary - 1994 Soil Samples

TABLE 5.2 BATCH SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-01-HA-11-01 N				
ASTMD2216 - Modified	9409847-12A	EXMSRS409291110 01	METHOD	
SW8280 - Dioxins and Furans	9409848-03A	MS5971410291134 01		3550940928123000
SW8280 - Dioxins and Furans	9409848-03A	MS5971410311411 01		3550941027141000
Sample ID : G94-01-HA-11-02 N				
ASTMD2216 - Modified	9409847-13A	EXMSRS409291110 01	METHOD	
SW8280 - Dioxins and Furans	9409848-04A	MS5971410291134 01		3550940928123000
SW8280 - Dioxins and Furans	9409848-04A	MS5971410311411 01		3550941027141000
Sample ID : G94-01-HA-12-01 N				
ASTMD2216 - Modified	9409847-14A	EXMSRS409291110 01	METHOD	
SW8280 - Dioxins and Furans	9409848-05A	MS5971410291134 01		3550940928123000
SW8280 - Dioxins and Furans	9409848-05A	MS5971410311411 01		3550941027141000
Sample ID : G94-01-HA-12-02 N				
ASTMD2216 - Modified	9409847-15A	EXMSRS409291110 01	METHOD	
SW8280 - Dioxins and Furans	9409848-06A	MS5971410291134 01		3550940928123000
SW8280 - Dioxins and Furans	9409848-06A	MS5971410311411 01		3550941027141000
Sample ID : G94-01-HA-13-01 N				
ASTMD2216 - Modified	9409847-10A	EXMSRS409291110 01	METHOD	
SW8280 - Dioxins and Furans	9409848-01A	MS5971410291134 01		3550940928123000
SW8280 - Dioxins and Furans	9409848-01A	MS5971410311411 01		3550941027141000

TABLE 5.2 BATCH SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-01-HA-13-01 ND					
SW8280 - Dioxins and Furans	9409848-07A	MS5971410291134	01		3550940928123000
SW8280 - Dioxins and Furans	9409848-07A	MS5971410311411	01		3550941027141000
Sample ID : G94-01-HA-13-02 N					
ASTMD2216 - Modified	9409847-11A	EXMSRS409291110	01	METHOD	
SW8280 - Dioxins and Furans	9409848-02A	MS5971410291134	01		3550940928123000
SW8280 - Dioxins and Furans	9409848-02A	MS5971410311411	01		3550941027141000
Sample ID : G94-DD-SS-01 MS					
AK101 - Gasoline Range Organics	58743-24	58743C	01	Extraction method identified by analytical method.	58743
AK102 - Diesel Range Organics	58743-24	58743D	01	Extraction method identified by analytical method.	58743
SW8080 - Organochlorine Pesticides and PCBs	9409849-02A	CHGC6A410121200	01	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-02A	CHGC6A410121200	02	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-02A	CHGC6B410121200	01	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-02A	CHGC6B410121200	02	Soxhlet Extraction	3540940928135000
Sample ID : G94-DD-SS-01 MSD					
AK101 - Gasoline Range Organics	58743-27	58743C	01	Extraction method identified by analytical method.	58743
AK102 - Diesel Range Organics	58743-27	58743D	01	Extraction method identified by analytical method.	58743

TABLE 5.2 BATCH SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8080 - Organochlorine Pesticides and PCBs	9409849-03A	CHGC6A410121200	02	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-03A	CHGC6A410121200	01	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-03A	CHGC6B410121200	01	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-03A	CHGC6B410121200	02	Soxhlet Extraction	3540940928135000
Sample ID : G94-DD-SS-01 N					
AK101 - Gasoline Range Organics	58743- 1	58743C	01	Extraction method identified by analytical method.	58743
AK102 - Diesel Range Organics	58743- 1	58743D	01	Extraction method identified by analytical method.	58743
ASTMD2216 - Modified	9409847-01A	EXMSRS409291110	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409849-01A	CHGC6A410121200	01	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-01A	CHGC6A410121200	02	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-01A	CHGC6B410121200	02	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-01A	CHGC6B410121200	01	Soxhlet Extraction	3540940928135000
Sample ID : G94-DD-SS-01 ND					
ASTMD2216 - Modified	9409847-02A	EXMSRS409291110	01	METHOD	
Sample ID : G94-DD-SS-02 N					
AK101 - Gasoline Range Organics	58743- 2	58743C	01	Extraction method identified by analytical method.	58743
AK102 - Diesel Range Organics	58743- 2	58743D	01	Extraction method identified by analytical method.	58743
ASTMD2216 - Modified	9409847-03A	EXMSRS409291110	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409849-04A	CHGC6A410121200	01	Soxhlet Extraction	3540940928135000

TABLE 5.2 BATCH SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8080 - Organochlorine Pesticides and PCBs	9409849-04A	CHGC6B410121200	01	Soxhlet Extraction	3540940928135000
Sample ID : G94-DD-SS-03 N					
AK101 - Gasoline Range Organics	58743- 3	58743C	01	Extraction method identified by analytical method.	58743
AK102 - Diesel Range Organics	58743- 3	58743D	01	Extraction method identified by analytical method.	58743
ASTMD2216 - Modified	9409847-04A	EXMSRS409291110	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409849-05A	CHGC6A410121200	01	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-05A	CHGC6A410121200	02	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-05A	CHGC6B410121200	02	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-05A	CHGC6B410121200	01	Soxhlet Extraction	3540940928135000
Sample ID : G94-DD-SS-04 N					
AK101 - Gasoline Range Organics	58743- 4	58743C	01	Extraction method identified by analytical method.	58743
AK102 - Diesel Range Organics	58743- 4	58743D	01	Extraction method identified by analytical method.	58743
ASTMD2216 - Modified	9409847-05A	EXMSRS409291110	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409849-06A	CHGC6A410121200	01	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-06A	CHGC6B410121200	01	Soxhlet Extraction	3540940928135000
Sample ID : G94-DD-SS-05 N					
AK101 - Gasoline Range Organics	58743- 5	58743C	01	Extraction method identified by analytical method.	58743

TABLE 5.2 BATCH SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
AK102 - Diesel Range Organics	58743- 5	58743D	01	Extraction method identified by analytical method.	58743
ASTMD2216 - Modified	9409847-06A	EXMSRS409291110	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409849-07A	CHGC6A410121200	01	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-07A	CHGC6A410121200	02	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-07A	CHGC6B410121200	02	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-07A	CHGC6B410121200	01	Soxhlet Extraction	3540940928135000
Sample ID : G94-MB-SS-01 MS					
SW8080 - Organochlorine Pesticides and PCBs	9410006-21A	CHGC6A410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-21A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-21A	CHGC6B410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-21A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-01 MSD					
SW8080 - Organochlorine Pesticides and PCBs	9410006-22A	CHGC6A410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-22A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-22A	CHGC6B410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-22A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-01 N					
ASTMD2216 - Modified	9410008-01A	EXMSRS410040905	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-01A	CHGC6A410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-01A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-01A	CHGC6B410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-01A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500

TABLE 5.2 BATCH SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-MB-SS-02 N					
ASTMD2216 - Modified	9410008-02A	EXMSRS410040905	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-02A	CHGC6A410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-02A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-02A	CHGC6B410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-02A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-03 N					
ASTMD2216 - Modified	9410008-03A	EXMSRS410040905	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-03A	CHGC6A410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-03A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-03A	CHGC6B410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-03A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-04 N					
ASTMD2216 - Modified	9410008-04A	EXMSRS410040905	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-04A	CHGC6A410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-04A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-04A	CHGC6B410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-04A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-05 N					
ASTMD2216 - Modified	9410008-05A	EXMSRS410040905	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-05A	CHGC6A410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-05A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-05A	CHGC6B410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-05A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500

TABLE 5.2 BATCH SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-MB-SS-05 ND					
ASTMD2216 - Modified	9410008-05A	EXMSRS410040905	01	METHOD	
Sample ID : G94-MB-SS-06 N					
ASTMD2216 - Modified	9410008-06A	EXMSRS410040905	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-06A	CHGC6A410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-06A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-06A	CHGC6B410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-06A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-07 N					
ASTMD2216 - Modified	9410008-07A	EXMSRS410040905	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-07A	CHGC6A410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-07A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-07A	CHGC6B410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-07A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-08 N					
ASTMD2216 - Modified	9410008-08A	EXMSRS410040905	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-08A	CHGC6A410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-08A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-08A	CHGC6B410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-08A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-09 N					
ASTMD2216 - Modified	9410008-09A	EXMSRS410040905	01	METHOD	

TABLE 5.2 BATCH SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
SW8080 - Organochlorine Pesticides and PCBs	9410006-09A	CHGC6A410231200 03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-09A	CHGC6A410291200 01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-09A	CHGC6B410231200 03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-09A	CHGC6B410291200 01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-10 N				
ASTMD2216 - Modified	9410008-10A	EXMSRS410040905 01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-10A	CHGC6A410231200 03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-10A	CHGC6A410291200 01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-10A	CHGC6B410231200 03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-10A	CHGC6B410291200 01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-11 N				
ASTMD2216 - Modified	9410008-11A	EXMSRS410040905 01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-11A	CHGC6A410231200 03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-11A	CHGC6A410291200 01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-11A	CHGC6B410231200 03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-11A	CHGC6B410291200 01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-12 N				
ASTMD2216 - Modified	9410008-12A	EXMSRS410040905 01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-12A	CHGC6A410291200 01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-12A	CHGC6B410291200 01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-13 N				
ASTMD2216 - Modified	9410008-13A	EXMSRS410040905 01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-13A	CHGC6A410291200 01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-13A	CHGC6B410291200 01	Soxhlet Extraction	3540941006170500

TABLE 5.2 BATCH SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-MB-SS-14 N					
ASTMD2216 - Modified	9410008-14A	EXMSRS410040905	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-14A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-14A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-15 N					
ASTMD2216 - Modified	9410008-15A	EXMSRS410040905	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-15A	CHGC6A410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-15A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-15A	CHGC6B410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-15A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-16 N					
ASTMD2216 - Modified	9410008-16A	EXMSRS410040905	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-16A	CHGC6A410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-16A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-16A	CHGC6B410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-16A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-17 N					
ASTMD2216 - Modified	9410008-17A	EXMSRS410040905	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-17A	CHGC6A410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-17A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-17A	CHGC6B410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-17A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500

TABLE 5.2 BATCH SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-MB-SS-18 N					
ASTMD2216 - Modified	9410008-18A	EXMSRS410040905	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-18A	CHGC6A410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-18A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-18A	CHGC6B410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-18A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-19 N					
ASTMD2216 - Modified	9410008-19A	EXMSRS410040905	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-19A	CHGC6A410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-19A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-19A	CHGC6B410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-19A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-20 N					
ASTMD2216 - Modified	9410008-20A	EXMSRS410040905	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410006-20A	CHGC6A410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-20A	CHGC6A410291200	01	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-20A	CHGC6B410231200	03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-20A	CHGC6B410291200	01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-21 MS					
SW8080 - Organochlorine Pesticides and PCBs	9410007-04A	CHGC6A410231200	01	Soxhlet Extraction	3540941006170600
SW8080 - Organochlorine Pesticides and PCBs	9410007-04A	CHGC6B410231200	01	Soxhlet Extraction	3540941006170600
Sample ID : G94-MB-SS-21 MSD					

TABLE 5.2 BATCH SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8080 - Organochlorine Pesticides and PCBs	9410007-05A	CHGC6A410231200	01	Soxhlet Extraction	3540941006170600
SW8080 - Organochlorine Pesticides and PCBs	9410007-05A	CHGC6B410231200	01	Soxhlet Extraction	3540941006170600
Sample ID : G94-MB-SS-21 N					
ASTMD2216 - Modified	9410009-01A	EXMSRS410040840	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410007-01A	CHGC6A410231200	01	Soxhlet Extraction	3540941006170600
SW8080 - Organochlorine Pesticides and PCBs	9410007-01A	CHGC6B410231200	01	Soxhlet Extraction	3540941006170600
Sample ID : G94-MB-SS-21 ND					
ASTMD2216 - Modified	9410009-01A	EXMSRS410040840	01	METHOD	
Sample ID : G94-MB-SS-22 N					
ASTMD2216 - Modified	9410009-02A	EXMSRS410040840	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410007-02A	CHGC6A410231200	01	Soxhlet Extraction	3540941006170600
SW8080 - Organochlorine Pesticides and PCBs	9410007-02A	CHGC6B410231200	01	Soxhlet Extraction	3540941006170600
Sample ID : G94-MB-SS-23 N					
ASTMD2216 - Modified	9410009-03A	EXMSRS410040840	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9410007-03A	CHGC6A410231200	01	Soxhlet Extraction	3540941006170600
SW8080 - Organochlorine Pesticides and PCBs	9410007-03A	CHGC6B410231200	01	Soxhlet Extraction	3540941006170600
Sample ID : G94-PO-SS-01 MS					
AK101 - Gasoline Range Organics	58743-25	58743C	01	Extraction method identified by analytical method.	58743
AK102 - Diesel Range Organics	58743-25	58743D	01	Extraction method	58743

TABLE 5.2 BATCH SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
				identified by analytical method.	
SW6010 - Metals	9409852-02A	EMJA61410051000	04	ICP - Digestion	IDIG940929080000
SW8080 - Organochlorine Pesticides and PCBs	9409849-09A	CHGC6A410121200	01	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-09A	CHGC6B410121200	01	Soxhlet Extraction	3540940928135000
SW8240 - Volatile Organics	9409851-02A	MSMSDB410031949	01	METHOD	
SW8270 - Semivolatile Organics	9409850-02A	MSMSD1410040804	01	Soxhlet Extraction	3540940930114500
Sample ID : G94-PO-SS-01 MSD					
AK101 - Gasoline Range Organics	58743-28	58743C	01	Extraction method identified by analytical method.	58743
AK102 - Diesel Range Organics	58743-28	58743D	01	Extraction method identified by analytical method.	58743
SW6010 - Metals	9409852-03A	EMJA61410051000	04	ICP - Digestion	IDIG940929080000
SW8080 - Organochlorine Pesticides and PCBs	9409849-10A	CHGC6A410121200	01	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-10A	CHGC6B410121200	01	Soxhlet Extraction	3540940928135000
SW8240 - Volatile Organics	9409851-03A	MSMSDB410031949	01	METHOD	
SW8270 - Semivolatile Organics	9409850-03A	MSMSD1410040804	01	Soxhlet Extraction	3540940930114500
Sample ID : G94-PO-SS-01 N					
AK101 - Gasoline Range Organics	58743- 6	58743C	01	Extraction method identified by analytical method.	58743
AK102 - Diesel Range Organics	58743- 6	58743D	01	Extraction method identified by analytical method.	58743
ASTMD2216 - Modified	9409847-07A	EXMSRS409291110	01	METHOD	
SW6010 - Metals	9409852-01A	EMJA61410051000	04	ICP - Digestion	IDIG940929080000
SW8080 - Organochlorine Pesticides and PCBs	9409849-08A	CHGC6A410121200	01	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-08A	CHGC6B410121200	01	Soxhlet Extraction	3540940928135000

TABLE 5.2 BATCH SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8240 - Volatile Organics	9409851-01A	MSMSDB410031949	01	METHOD	
SW8270 - Semivolatile Organics	9409850-01A	MSMSD1410040804	01	Soxhlet Extraction	3540940930114500
Sample ID : G94-PO-SS-01 ND					
ASTMD2216 - Modified	9409847-08A	EXMSRS409291110	01	METHOD	
Sample ID : G94-PO-SS-02 N					
AK101 - Gasoline Range Organics	58743- 7	58743C	01	Extraction method identified by analytical method.	58743
AK102 - Diesel Range Organics	58743- 7	58743D	01	Extraction method identified by analytical method.	58743
ASTMD2216 - Modified	9409847-09A	EXMSRS409291110	01	METHOD	
SW6010 - Metals	9409852-04A	EMJA61410051000	04	ICP - Digestion	IDIG940929080000
SW8080 - Organochlorine Pesticides and PCBs	9409849-11A	CHGC6A410121200	01	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-11A	CHGC6B410121200	01	Soxhlet Extraction	3540940928135000
SW8240 - Volatile Organics	9409851-04A	MSMSDB410031949	01	METHOD	
SW8270 - Semivolatile Organics	9409850-04A	MSMSD1410040804	01	Soxhlet Extraction	3540940930114500
Sample ID : G94-PO-SS-02-EB EB					
SW8240 - Volatile Organics	9409842-01A	MSMSDB410031949	01	METHOD	
Sample ID : G94-TB-09 TB					
SW8240 - Volatile Organics	9409842-02A	MSMSDB410031949	01	METHOD	

TABLE 5.2 BATCH SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-TB-11 TB				
SW8240 - Volatile Organics	9409842-03A	MSMSDB410031949 01	METHOD	

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