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Informal Technical Information Report

For Analytical Data For

Plant 78

Prepared By: Hunter Services, Inc. Denver, CO
December 1989

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Informal Technical Information Report

For Analytical Data For

Plant 78

Prepared By: Hunter Services, Inc. Denver, CO
December 1989

AQM01-03-0434

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Sample Identification Cross Reference Table

TABLE P782-W SAMPLE IDENTIFICATION CROSS REFERENCE FOR Plant 78 Water Samples

Lab Number	Field Number	Sample Description	Analytical Results	Analysis Date Report	Confirmation Sheets	Chain of Custody	QC Results
P782-W	1	GROUND WATER	11	36	NA	39	49
P782-W	2	DUPLICATE	11	36	NA	39	49
P782-W	3	GROUND WATER	11	36	NA	39	49
P782-W	4	DUPLICATE	11	36	NA	39	49
P782-W	5	GROUND WATER	11	36	NA	39	49
P782-W	6	TRIP BLANK	11	36	NA	39	49
P782-W	14	TRIP BLANK	11	36	NA	39	49

TABLE P782-S SAMPLE IDENTIFICATION CROSS REFERENCE FOR Plant 78 Soil Samples

Initial Reference Page

Lab Number	Field Number	Sample Description	Analytical Results	Extraction/ Analysis Date		Chain of Custody	QC Results
				Report	Second Column Confirmation Sheets		
P782-S	1	E515B1-1	24	37	NA	41	58
P782-S	2	SOIL	24	37	NA	41	58
P782-S	3	E515B1-2	24	37	NA	41	58
P782-S	6	E519B1-1	24	37	NA	41	58
P782-S	7	SOIL	24	37	NA	41	58
P782-S	8	E519B1-2	24	37	NA	41	58
P782-S	9	SOIL	24	37	NA	41	58
P782-S	10	E515B1-3	24	37	NA	41	58
P782-S	11	SOIL	24	37	NA	41	58
P782-S	12	E519B1-4	24	37	NA	41	58
P782-S	13	SOIL	24	37	NA	41	58
P782-S	14	DUP	24	37	NA	41	58
P782-S	15	E-515-B2-1	24	37	NA	41	58
P782-S	16	E-515-B2-2	24	37	NA	41	58
P782-S	17	E519B2-3	24	37	NA	41	58
P782-S		SOIL	24	37	NA	41	58
P782-S		TRIP BLANK	24	37	NA	41	58
P782-S		TRIP BLANK	24	37	NA	41	58

Analytical Methods and Method Detection Limits

TABLE D-2A. Analytical Methodologies, Detection Limits, and Practical Quantitation Limits for Plant 78 - Aqueous Samples

Parameter	Method	Detection Limit (mg/L)	Practical Quantitation Limits (mg/L)
<u>COMMON ANIONS</u>			
HYDROCARBONS, PETROL.	E418.1	5.12	25.6
<u>FURNACE AND COLD VAPOR (C.V.)</u>			
MERCURY, TOTAL	E245.1	0.12	.6
<u>ICAP METAL SCREEN</u>			
ALUMINUM, TOTAL	E200.7	0.018	.09
ANTIMONY, TOTAL	E200.7	0.019	.095
ARSENIC, TOTAL	E200.7	0.028	.14
BARIUM, TOTAL	E200.7	0.001	.005
BERYLLIUM, TOTAL	E200.7	0.001	.005
CADMIUM, TOTAL	E200.7	0.002	.01
CALCIUM, TOTAL	E200.7	0.01	.05
CHROMIUM, TOTAL	E200.7	0.004	.02
COBALT, TOTAL	E200.7	0.007	.035
COPPER, TOTAL	E200.7	0.003	.015
IRON, TOTAL	E200.7	0.004	.02
LEAD, TOTAL	E200.7	0.026	.13
MAGNESIUM, TOTAL	E200.7	0.03	.15
MANGANESE, TOTAL	E200.7	0.001	.005
MOLYBDENUM, TOTAL	E200.7	0.004	.02
NICKEL, TOTAL	E200.7	0.008	.04
POTASSIUM, TOTAL	E200.7	0.46	2.3
SELENIUM, TOTAL	E200.7	0.042	.21
SILVER, TOTAL	E200.7	0.003	.015
SODIUM, TOTAL	E200.7	0.057	.285
THALLIUM, TOTAL	E200.7	0.15	.75
VANADIUM, TOTAL	E200.7	0.004	.02
ZINC, TOTAL	E200.7	0.002	.01
<u>PURGEABLE HALOCARBONS</u>			
1-CHLOROHEXANE	SW8010	0.005	0.025
1,1-DICHLOROETHANE	SW8010	0.0004	0.002
1,1,1-TRICHL'ETHANE	SW8010	0.0002	0.001
1,1,1,2-TETRACH'ETHANE	SW8010	0.005	0.025
1,1,2-TRICHL'ETHANE	SW8010	0.0001	0.0005
1,1,2,2-TETRACHLOROETHANE	SW8010	0.0002	0.001
1,2-DICHLOROETHANE	SW8010	0.0007	0.0035
1,2-DICHLOROPROPANE	SW8010	0.0002	0.001
2-CHLOROETHYL VINYLETHER	SW8010	0.0007	0.0035
BROMOBENZENE	SW8010	0.005	0.025
BROMODICHLOROMETHANE	SW8010	0.0005	0.0025
BROMOFORM	SW8010	0.001	0.005
BROMOMETHANE	SW8010	0.006	0.03
CARBON TETRACHLORIDE	SW8010	0.0006	0.003
CHLOROBENZENE	SW8010	0.0012	0.006

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TABLE D-2A. Analytical Methodologies, Detection Limits, and Practical Quantitation Limits for Plant 78 - Aqueous Samples

Parameter	Method	Detection Limit (mg/L)	Practical Quantitation Limits (mg/L)
<u>PURGEABLE HALOCARBONS (Continued)</u>			
CHLOROETHANE	SW8010	0.003	0.015
CHLOROFORM	SW8010	0.0002	0.001
CHLOROMETHANE	SW8010	0.0004	0.002
CIS-1,3-DICHLOROPROPENE	SW8010	0.002	0.01
DIBROMOCHLOROMETHANE	SW8010	0.0005	0.0025
DIBROMOMETHANE	SW8010	0.005	0.025
DICHLORODIFLUOROMETHANE	SW8010	0.009	0.045
METHYLENE CHLORIDE	SW8010	0.002	0.01
TETRACHLOROETHENE	SW8010	0.0002	0.001
TRANS-1,3-DICHLOROPROPENE	SW8010	0.002	0.01
TRANS-1,2-DICHLOROETHENE	SW8010	0.0005	0.0025
TRICHL'FLUOROMETHANE	SW8010	0.005	0.025
TRICHLOROETHENE	SW8010	0.0006	0.003
VINYL CHLORIDE	SW8010	0.0002	0.001
<u>PURGEABLE AROMATICS</u>			
BENZENE	SW8020	0.0007	0.0035
CHLOROBENZENE	SW8020	0.001	0.005
DICHLOROBENZENE	SW8020	0.0012	0.006
ETHYLBENZENE	SW8020	0.001	0.005
TOLUENE	SW8020	0.001	0.005
XYLENES, TOTAL	SW8020	0.002	0.01
<u>SEMIVOLATILE ORGANIC COMPOUND</u>			
1-NAPHTHYLAMINE	SW8270	0.00481	0.02405
1-CHLORONAPHTHALENE	SW8270	0.00551	0.02755
1,2-DIPHEN'HYDRAZINE	SW8270	0.00771	0.03855
1,2-DICHLOROBENZENE	SW8270	0.0002	0.001
1,2,4-TRICH' BENZENE	SW8270	0.00026	0.0013
1,2,4,5-TETRACHLOROBENZENE	SW8270	0.00856	0.0428
1,3,DICHLOROBENZENE	SW8270	0.00108	0.0054
1,4-DICHLOROBENZENE	SW8270	0.00012	0.0006
2-CHLOROPHENOL	SW8270	0.00014	0.0007
2-METHYL PHENOL	SW8270	0.00042	0.0021
2-METHLYNAPHTHALENE	SW8270	0.00043	0.00215
2-NITROPHENOL	SW8270	0.00090	0.0045
2-NITROANILINE	SW8270	0.00114	0.0057
2-PICOLINE	SW8270	0.0162	0.081
2-CHLORONAPHTHALENE	SW8270	0.00023	0.00115
2-NAPHTHYLAMINE	SW8270	0.00376	0.0188
2,3,4,6 TETRACL'PHENOL	SW8270	0.00896	0.0448
2,4-DICHLOROPHENOL	SW8270	0.00018	0.0009
2,4-DINITROTOLUENE	SW8270	0.00122	0.0061
2,4-DINITROPHENOL	SW8270	0.00171	0.00855
2,4-DIMETHYLPHENOL	SW8270	0.00014	0.0007
2,4,5-TRICHL'PHENOL	SW8270	0.00046	0.0023
2,4,6-TRICHL'PHENOL	SW8270	0.00017	0.00085
2,6-DINITROTOLUENE	SW8270	0.00093	0.00465
2,6-DICHLOROPHENOL	SW8270	0.00915	0.04575
3-NITROANILINE	SW8270	0.00153	0.00765

TABLE D-2A. Analytical Methodologies, Detection Limits, and Practical Quantitation Limits for Plant 78 - Aqueous Samples

Parameter	Method	Detection Limit (mg/L)	Practical Quantitation Limits (mg/L)
<u>SEMIVOLATILE ORGANIC COMPOUND (Continued)</u>			
3-METHYLCHOLANTHRENE	SW8270	0.00550	0.0275
3,3'-DICHL'BENZIDINE	SW8270	0.00194	0.0097
4-BROMOPHENYLPHENYLETHER	SW8270	0.00029	0.00145
4-METHYL PHENOL	SW8270	0.00040	0.002
4-NITROANILINE	SW8270	0.00192	0.0096
4-CHLOROPHENYLPHENYLETHER	SW8270	0.0004	0.002
4-CHLORO-3-METHYLPHENOL	SW8270	0.00048	0.0024
4-CHLOROANILINE	SW8270	0.00034	0.0017
4-AMINOBIIPHENOL	SW8270	0.0325	0.1625
4-NITROPHENOL	SW8270	0.00188	0.0094
4,6-DINITRO-2-METHYLPHENOL	SW8270	0.00151	0.00755
7,12-DIMETHYLBENZ(A)ANTHRACENE	SW8270	0.00544	0.0272
A-,A-DIMETHYLPHENETHYLAMINE	SW8270	0.00712	0.0356
ACENAPHTHENE	SW8270	0.00018	0.0009
ACENAPHTHYLENE	SW8270	0.00016	0.0008
ACETOPHENONE	SW8270	0.00345	0.01725
ANILINE	SW8270	0.00522	0.0261
ANTHRACENE	SW8270	0.00031	0.00155
BENZIDINE	SW8270	0.0694	0.347
BENZO(A)ANTHRACENE	SW8270	0.00015	0.00075
BENZO(A)PYRENE	SW8270	0.00014	0.0007
BENZO(B)FLUORANTHENE	SW8270	0.0004	0.002
BENZO(GHI)PERYLENE	SW8270	0.0006	0.003
BENZO(K)FLUORANTHENE	SW8270	0.00083	0.00415
BENZOIC ACID	SW8270	0.00159	0.00795
BENZYL ALCOHOL	SW8270	0.00035	0.00175
BIS(2-ETHYLHEXYL)PHTHALATE	SW8270	0.00157	0.00785
BIS(2-CHL'ISOPROPYL)ETHER	SW8270	0.00053	0.00265
BIS(2-CHLOROETHYL)ETHER	SW8270	0.00014	0.0007
BIS(2-CHLOROETHOXY)METHANE	SW8270	0.00024	0.0012
BUTYLBENZYLPHTHALATE	SW8270	0.00106	0.0053
CHRYSENE	SW8270	0.00155	0.00775
DI-N-BUTYLPHTHALATE	SW8270	0.00086	0.0043
DI-N-OCTYLPHTHALATE	SW8270	0.00247	0.01235
DIBEN'(A,H)ANTH'CENE	SW8270	0.00082	0.0041
DIBENZ(A,J)ACRIDINE	SW8270	0.0327	0.1635
DIBENZOFURAN	SW8270	0.00017	0.00085
DIETHYLPHTHALATE	SW8270	0.00085	0.00425
DIMETHYLPHTHALATE	SW8270	0.00042	0.0021
DIPHENYLAMINE	SW8270	0.00415	0.02075
ETHYL METHANESULFONATE	SW8270	0.00778	0.0389
FLUORANTHENE	SW8270	0.00069	0.00345
FLUORENE	SW8270	0.00044	0.0022
HEXACHLOROBENZENE	SW8270	0.00034	0.0017
HEXACHLOROBUTADIENE	SW8270	0.00027	0.00135
HEXACHLOROCYCLOPENTADIENE	SW8270	0.00083	0.00415
HEXACHLOROETHANE	SW8270	0.00014	0.0007
INDENO(1,2,3-CD)PYRENE	SW8270	0.00081	0.00405
ISOPHORONE	SW8270	0.00018	0.0009
METHYL METHANESULFONATE	SW8270	0.00677	0.03385
N-NITROSODIPHE'AMINE	SW8270	0.00027	0.00135
N-NITROSO-DI-N-BUTYLAMINE	SW8270	0.00863	0.04315
N-NITROSODI-N-PROPYLAMINE	SW8270	0.00069	0.00345
N-NITROSOPIPERIDINE	SW8270	0.0155	0.0775

TABLE D-2A. Analytical Methodologies, Detection Limits, and Practical Quantitation Limits for Plant 78 - Aqueous Samples

Parameter	Method	Detection Limit (mg/L)	Practical Quantitation Limits (mg/L)
<u>SEMIVOLATILE ORGANIC COMPOUND (Continued)</u>			
N-NITROSODIMET'AMINE	SW8270	0.00715	0.03575
NAPHTHALENE	SW8270	0.00013	0.00065
NITROBENZENE	SW8270	0.00055	0.00275
P-DIMETHYLAMINOAZOBENZENE	SW8270	0.00359	0.01795
PENTACHLOROBENZENE	SW8270	0.00538	0.0269
PENTACHLORONITROBENZENE	SW8270	0.0198	0.099
PENTACHLOROPHENOL	SW8270	0.00091	0.00455
PHENACETIN	SW8270	0.0222	0.111
PHENANTHRENE	SW8270	0.00023	0.00115
PHENOL	SW8270	0.00051	0.00255
PRONAMIDE	SW8270	0.0105	0.0525
PYRENE	SW8270	0.00083	0.00415

TABLE D-2B. Analytical Methodologies, Detection Limits, and Practical Quantitation Limits for Plant 78 - Soil Samples

Parameter	Method	Detection Limit (mg/kg)	Practical Quantitation Limits (mg/kg)
<u>COMMON ANIONS IN SOIL</u>			
HYDROCARBONS, PETROL	E418.1	1.65	8.25
<u>COLD VAPOR (C.V.)</u>			
MERCURY	SW7471	0.06	.3
<u>ICAP METAL SCREEN</u>			
ALUMINUM, SED	SW6010	1.8	9
ANTIMONY, SED	SW6010	1.9	9.5
ARSENIC, SED	SW6010	2.8	14
BARIUM, SED	SW6010	0.1	.5
BERYLLIUM, SED	SW6010	0.1	.5
CADMIUM, SED	SW6010	0.2	1
CHROMIUM, SED	SW6010	0.4	2
COBALT, SED	SW6010	0.7	3.5
COPPER, SED	SW6010	0.3	1.5
IRON, SED	SW6010	0.4	2
LEAD, SED	SW6010	2.6	13
MAGNESIUM, SED	SW6010	3.0	15
MANGANESE, SED	SW6010	0.1	.5
MOLYBDENUM, SED	SW6010	0.4	2
NICKEL, SED	SW6010	0.8	4
POTASSIUM, SED	SW6010	45.5	227.5
SELENIUM, SED	SW6010	4.2	21
SILVER, SED	SW6010	0.3	1.5
SODIUM, SED	SW6010	5.7	28.5
THALLIUM, SED	SW6010	14.8	74
VANADIUM, SED	SW6010	0.4	2
ZINC, SED	SW6010	0.2	1
<u>SEMIVOLATILES</u>			
1-NAPHTHYLAMINE	SW8270	0.32	1.6
1,2-DIPHENYLHYDRAZIN, S	SW8270	0.51	2.55
1,2-DICHLOROBENZENE	SW8270	0.01	.05
1,2,4-TRICHLOROBENZENE	SW8270	0.02	.1
1,2,4,5-TETRACHLOROBENZENE	SW8270	0.57	2.85
1,3-DICHLOROBENZENE	SW8270	0.05	.25
1,4-DICHLOROBENZENE	SW8270	0.08	.4
2-CHLORONAPHTHALENE	SW8270	7.74	38.7
2-PICOLINE	SW8270	1.08	5.4
2-METHYLNAPHTHALENE	SW8270	0.03	.15
2-CHLOROPHENOL	SW8270	4.53	22.65
2-METHYLPHENOL	SW8270	0.03	.15
2-NITROPHENOL	SW8270	0.06	.3
2-NAPHTHYLAMINE	SW8270	0.25	1.25
2-NITROANILINE	SW8270	0.08	.4
2,3,4,6-TETRACHLOROPHENOL	SW8270	0.6	3
2,4-DINITROTOLUENE	SW8270	0.08	.4

TABLE D-2B. Analytical Methodologies, Detection Limits, and Practical Quantitation Limits for Plant 78 - Soil Samples

Parameter	Method	Detection Limit (mg/kg)	Practical Quantitation Limits (mg/kg)
<u>SEMIVOLATILES (Continued)</u>			
2,4-DIMETHYPHENOL	SW8270	0.01	.05
2,4-DINITROPHENOL	SW8270	0.11	.55
2,4-DICHLOROPHENOL	SW8270	5.86	29.3
2,4,5-TRICH'PHENOL	SW8270	0.03	.15
2,4,6-TRICHLRPHENOL	SW8270	0.01	.05
2,6-DICHLOROPHENOL	SW8270	0.61	3.05
2,6-DINITROTOLUENE	SW8270	0.06	.3
3-METHYLCHOLANTHRENE	SW8270	0.37	1.85
3-NITROANILINE	SW8270	0.10	.5
3,3-DICHLOROBENZIDINE	SW8270	0.13	.65
4-BROMOPHENYL PHENYL ETHER	SW8270	0.02	.1
4-CHLOROPHENYLPHENYL ETHER	SW8270	0.03	.15
4-CHLOROANILINE, SED	SW8270	0.02	.1
4-CHLORO-3-METHYLPHENOL	SW8270	0.03	.15
4-NITROPHENOL	SW8270	0.13	.65
4-METHYLPHENOL	SW8270	0.03	.15
4-NITROANILINE	SW8270	0.13	.65
4-AMINOBIIPHENYL	SW8270	2.16	10.8
4,6-DINITRO-2-METHYLPHENOL	SW8270	0.10	.5
7,12-DIMETHYLBENZ(A)ANTHRANCE	SW8270	0.36	1.8
A-,A-DIMETHYLPHENETHYLAMINE	SW8270	0.47	2.35
ACENAPHTHENE, SOIL	SW8270	0.01	.05
ACENAPHTHYLENE, SOIL	SW8270	0.01	.05
ACETOPHENONE	SW8270	0.23	1.15
ANILINE	SW8270	0.42	2.1
ANTHRACENE, SOIL	SW8270	0.02	.1
BENZIDINE	SW8270	5.52	27.6
BENZO(A)ANTHRACENE	SW8270	0.01	.05
BENZO(A)PYRENE	SW8270	0.01	.05
BENZO(B)FLUORANTHENE, S	SW8270	0.03	.15
BENZO(G,H,I,)PERYLENE	SW8270	0.04	.2
BENZO(K)FLUORANTHENE	SW8270	0.06	.3
BENZOIC ACID	SW8270	0.11	.55
BENZYL ALCOHOL	SW8270	0.02	.1
BIS(2-CHLOROETHOXY)METHANE	SW8270	7.93	39.65
BIS(2-CHL' ISOPROPYL) ETHER	SW8270	0.04	.2
BIS(2-CHLOROETHYL)ETHER	SW8270	0.01	.05
BIS(2-ETHYLHEXYL)PHTHALATE	SW8270	0.10	.5
BUTYL BENZYL PHTHALATE	SW8270	0.07	.35
CHRYSENE	SW8270	0.10	.5
DI-N-OCTYLPHTHALATE	SW8270	0.16	.8
DI-N-BUTYLPHTHALATE	SW8270	0.06	.3
DIBENZ(A,J)ACRIDINE	SW8270	2.60	13
DIBENZO(A,H)ANTHRACENE	SW8270	0.05	.25
DIBENZOFURAN	SW8270	0.01	.05
DIETHYLPHTHALATE	SW8270	0.06	.3
DIMETHYLPHTHALATE	SW8270	0.03	.15
DIPHENYLAMINE	SW8270	0.28	1.4
ETHYL METHANESULFONATE	SW8270	0.52	2.6
FLUORANTHENE	SW8270	0.05	.25
FLUORENE	SW8270	0.03	.15
HEXACHLOROBENZENE	SW8270	0.03	.15
HEXACHLOROBUTADIENE	SW8270	0.02	.1

TABLE D-2B. Analytical Methodologies, Detection Limits, and Practical Quantitation Limits for Plant 78 - Soil Samples

Parameter	Method	Detection Limit (mg/kg)	Practical Quantitation Limits (mg/kg)
<u>SEMIVOLATILES (Continued)</u>			
HEXACHLOROCYCLOPENTADIENE	SW8270	0.06	.3
HEXACHLOROETHANE	SW8270	0.01	.05
INDENO(1,2,3-CD)PYRENE	SW8270	0.05	.25
ISOPHORONE	SW8270	0.01	.05
METHYL METHANESULFONATE	SW8270	0.45	2.25
N-NITROSODI-N-PROPYLAMINE	SW8270	0.05	.25
N-NITROSODIPHE'AMINE	SW8270	0.02	.1
N-NITROSODIMETHYLAMINE	SW8270	0.48	2.4
N-NITROSOPIPERIDINE	SW8270	1.04	5.2
N-NITRISO-DI-N-BUTYLAMINE	SW8270	0.58	2.9
NAPHTHALENE	SW8270	0.01	.05
NITROBENZENE	SW8270	0.04	.2
P-DIMETHYLAMINO BENZENE	SW8270	0.24	1.2
PENTACHLORO BENZENE	SW8270	0.36	1.8
PENTACHLORONITROBENZENE	SW8270	1.32	6.6
PENTACHLOROPHENOL	SW8270	0.06	.3
PHENACETIN	SW8270	1.48	7.4
PHENANTHRENE	SW8270	0.02	.1
PHENOL	SW8270	0.03	.15
PRONAMIDE	SW8270	0.7	3.5
PYRENE	SW8270	0.06	.3
<u>PURGEABLE HALOCARBONS</u>			
1,1,1,2-TETRACHLOROETHANE	SW8010	1.0489	5.2445
1,1,1-TRICHLOROETHANE	SW8010	0.042	0.21
1,1,2,2-TETRACHLOROETHANE	SW8010	0.042	0.21
1,1,2- TRICHLOROETHANE	SW8010	0.021	0.105
1,1 DICHLOROETHANE	SW8010	0.0839	0.4195
1,1-DICHLOROETHENE	SW8010	0.1468	0.734
1,2,-DICHLOROPROPANE	SW8010	0.042	0.21
1,2-DICHLOROETHANE	SW8010	0.042	0.21
1-CHLOROHEXANE	SW8010	1.0489	5.2445
2-CHLOROETHYL VINYL ETHER	SW8010	0.1468	0.734
BROMOBENZENE	SW8010	1.0489	5.2445
BROMODICHLOROMETHANE	SW8010	0.1049	0.5245
BROMOFORM	SW8010	0.2098	1.049
CARBON TETRACHLORIDE	SW8010	0.1259	0.6295
CHLORO BENZENE	SW8010	0.2517	1.2585
CHLOROETHANE	SW8010	0.6293	3.1465
CHLOROFORM	SW8010	0.042	0.21
CIS-1,3-DICHLOROPROPENE	SW8010	0.4195	2.0975
DIBROMOCHLOROMETHANE	SW8010	0.1049	0.5245
DIBROMOETHANE	SW8010	1.0489	5.2445
DICHLOROBENZENE, TOT.	SW8010	0.944	4.72
DICHLOROBENZENE, TOT.	SW8010	0.4195	2.0975
DICHLORODIFLUOROMETHANE	SW8010	1.888	9.44
METHYL BROMIDE	SW8010	1.2586	6.293
METHYLCHLORIDE	SW8010	0.0005	0.0025
METHYLENE CHLORIDE	SW8010	0.4195	2.0975
TETRACHLOROETHYLENE	SW8010	0.042	0.21
TRANS-1,2-DICHLOROETHENE	SW8010	0.1049	0.5245

TABLE D-2B. Analytical Methodologies, Detection Limits, and Practical Quantitation Limits for Plant 78 - Soil Samples

Parameter	Method	Detection Limit (mg/kg)	Practical Quantitation Limits (mg/kg)
<u>PURGEABLE HALOCARBONS (Continued)</u>			
TRICHLOROETHYLENE	SW8010	0.1259	0.6295
TRICHLOROFLUOROMETHANE	SW8010	1.0489	5.2445
TRICHLOROPROPANE	SW8010	1.0489	5.2445
T-1,3-DICHLOROPROPENE	SW8010	0.4195	2.0975
VINYL CHLORIDE	SW8010	0.0881	0.4405
<u>PURGEABLE AROMATICS</u>			
BENZENE	SW8020	0.1468	0.734
BROMOBENZENE	SW8020	1.0489	5.2445
CHLOROBENZENE	SW8020	0.2098	1.049
ETHYLBENZENE	SW8020	0.2098	1.049
TOLUENE	SW8020	0.2098	1.049
XYLENES, TOTAL	SW8020	0.4195	2.0975
<u>EPTOX</u>			
2,4,5-TP/SILVEX	SW1310	0.021	0.105
2,4-D	SW1310	0.0819	0.4095
BHC,G(LINDANE)	SW1310	*0.0105	*0.0525
CHLORDANE	SW1310	*0.021	*0.105
ENDRIN	SW1310	*0.021	*0.105
HEPTACHLOR	SW1310	*0.021	*0.105
MERCURY, TOTAL	SW1310	**0.0005	**0.0025
METHOXYCHLOR	SW1310	*0.21	*1.05
TOXAPHENE	SW1310	*2.1005	*10.5025

*These units are in terms of ug/l.

**These units are in term of mg/l.

Analytical Data

000011

PROJECT NUMBER FREE
FIELD GROUP P782-W

PROJECT NAME PLANT 78 WATERS
PROJECT MANAGER BOB CHESSON

STORE CODE:

METHOD CODE:

PARAMETER:

UNITS:

FLD. GRP.	#	SAMPLE ID	DATE	TIME
P782-W	1	P-8-DUP	07/26/89	16:45
P782-W	2	P-8-DUP	07/26/89	16:45
P782-W	3	P-9	07/26/89	12:07
P782-W	4	P-9-DUP	07/26/89	12:07
P782-W	5	PWB	07/26/89	10:40
P782-W	6	TRPBLK	07/26/89	10:40
P782-W	14	TRPBLK	07/26/89	10:40

99388	97541	71900	97740	97741	67536	1005	97742	97538	915	97539	97743	97744	97745
DIR	ACVA	ADCV	AICP	AICP	AICP	ADICP	AICP	AICP	ICAP	AICP	AICP	AICP	AICP
HYDROCARB.	HCD	HG.TOT.	ALD	SBD	AS	BA	BED	CDD	CALCIUM,D	CRD	COD	CUD	FED
UG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
<0.636	<0.0005	<0.0005	<0.0290	0.0170	<0.02	0.04	<0.0020	<0.0020	63.1	0.0730	<0.0040	<0.0030	0.0490
<0.542	<0.0005	<0.0005	<0.0290	<0.0150	<0.02	0.04	<0.0020	<0.0020	61.9	0.0720	<0.0040	<0.0030	0.0370
<0.624	<0.0005	<0.0005	<0.0290	<0.0150	<0.02	0.02	<0.0020	<0.0020	50.9	0.0340	<0.0040	<0.0030	0.0390
<0.531	<0.0005	<0.0005	<0.0290	<0.0150	<0.02	0.02	<0.0020	<0.0020	54.1	0.0380	<0.0040	<0.0030	0.0410
<0.531	<0.0005	<0.0005	<0.0290	0.0170	<0.02	<0.001	<0.0020	<0.0020	0.578	<0.0030	<0.0040	<0.0030	0.0340
NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ

PAGE # 1

07/16/89

PROJECT NUMBER FREE
FIELD GROUP P782-W

PROJECT NAME PLANT 78 WATERS
PROJECT MANAGER BOB CHESSON

STORET CODE:

METHOD CODE:

PARAMETER:

UNITS:

FLD.GRP.	#	SAMPLE ID	DATE	TIME
P782-W	1	P-8	07/26/89	16:45
P782-W	2	P-8-DUP	07/26/89	16:45
P782-W	3	P-9	07/26/89	12:07
P782-W	4	P-9-DUP	07/26/89	12:07
P782-W	5	RWB	07/26/89	10:40
P782-W	6	TRPBLK	07/26/89	10:40
P782-W	14	TRPBLK	07/26/89	10:40

1049	925	97746	97747	97748	935	97542	97543	930	97751	97752	97753	97514	97515
AICP	DICAP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	ADICP	ADICP
PB	HC	MND	MOD	NID	KD	SED	AGD	NA,DISS	TLD	V	ZND	AL	SB
MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
<0.01	31.3	0.0490	<0.005	0.0110	5.98	<0.02	<0.0040	650	<0.3	0.0060	0.0240	2.33	<0.0150
<0.01	30.5	0.0400	<0.005	0.0140	6.00	<0.02	<0.0040	629	<0.3	0.0080	0.0220	4.94	<0.0150
<0.01	20.8	0.0110	<0.005	0.0140	5.57	<0.02	<0.0040	499	<0.3	0.0070	0.0140	7.23	<0.0150
<0.01	22.1	0.0120	<0.005	0.0130	6.50	<0.02	<0.0040	537	<0.3	0.0080	0.0090	10.0	<0.0150
<0.01	0.134	0.0010	<0.005	<0.0080	<0.272	<0.02	<0.0040	0.256	<0.3	<0.0020	0.0080	<0.0290	<0.0150
NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ

000012

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PROJECT NAME      PLANT 78 WATERS
PROJECT MANAGER  BOB CHESSON
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PROJECT NUMBER FREE
FIELD GROUP P782-W

STORPET CODE:

METHOD CODE:

PARAMETER:

LIMITS:

TLD.GRP.	#	SAMPLE ID	DATE	TIME
P782-W	1	P-8	07/26/89	16:45
P782-W	2	P-8-DUP	07/26/89	16:45
P782-W	3	P-9	07/26/89	12:07
P782-W	4	P-9-DUP	07/26/89	12:07
P782-W	5	RMB	07/26/89	10:40
P782-W	6	TRPBLK	07/26/89	10:40
P782-W	14	TRPBLK	07/26/89	10:40

[illegible]

PROJECT NUMBER FREE
FIELD GROUP P782-W

PROJECT NAME PLANT 78 WATERS
PROJECT MANAGER BOB CHESSON

STORE CODE:

METHOD CODE:

PARAMETER:

UNITS:

FLD. GRP.	#	SAMPLE ID	DATE	TIME
P782-W	1	P-8	07/26/89	16:45
P782-W	2	P-8-DUP	07/26/89	16:45
P782-W	3	P-9	07/26/89	12:07
P782-W	4	P-9-DUP	07/26/89	12:07
P782-W	5	PWB	07/26/89	10:40
P782-W	6	TRPBLK	07/26/89	10:40
P782-W	14	TRPBLK	07/26/89	10:40

34541	97761	34576	99634	32101	32104	34413	32102	34301	34311	32106	34418	34704	32105
HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA
DCP12	CLHX1	CEVETH	BRBZ	BDCME	TBME	BROMNTH	CTCL	CLBZ	CLEA	TCLME	CHLORMTH	DCP13C	DBCME
UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
<0.200	<5.0	<0.700	<5	<0.500	<1.00	<6.00	<0.600	7.32	<3.00	4.62	<0.430	<2.00	<0.500
<0.200	<5.0	<0.700	<5	<0.500	<1.00	<6.00	<0.600	6.45	<3.00	4.53	<0.430	<2.00	<0.500
<0.200	<5.0	<0.700	<5	<0.500	<1.00	<6.00	<0.600	3.73	<3.00	1.00	1.08	<2.00	<0.500
<0.200	<5.0	<0.700	<5	<0.500	<1.00	<6.00	<0.600	4.19	<3.00	1.08	<0.430	<2.00	<0.500
<0.200	<5.0	<0.700	<5	<0.500	<1.00	<6.00	<0.600	<1.20	<3.00	<0.200	<0.430	<2.00	<0.500
<0.200	<5.0	<0.700	<5	<0.500	<1.00	<6.00	<0.600	<1.20	<3.00	<0.200	<0.430	<2.00	<0.500
<0.200	<5.0	<0.700	<5	<0.500	<1.00	<6.00	<0.600	<1.20	<3.00	<0.200	<0.430	<2.00	<0.500

000015

PROJECT NUMBER FREE
FIELD GROUP P782-W

PROJECT NAME PLANT 78 WATERS
PROJECT MANAGER BOB CHESSON

STORET CODE:	81522	81524	34668	34423	34475	34546	34699	34488	39180	97758	39175	34030	99634	34301
METHOD CODE:	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	PI	PI	PI
PARAMETER:	DEVA	DCBZ	FCL2	MTHLENC	PCE	DCE12T	DCP13T	FC11	TCE	TCP	HVC	BZ	BRBZ	CLBZ
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	<5.00	3.13	<9.00	3.32	8.87	<0.500	<2.00	<5.00	26900	<5.0	<0.340	<0.70	<5.00	1.51
P782-W 1	<5.00	3.20	<9.00	2.38	6.37	<0.500	<2.00	<5.00	25300	<5.0	<0.340	<0.70	<5.00	1.42
P782-W 2	<5.00	2.79	<9.00	<2.00	0.881	<0.500	<2.00	<5.00	5780	<5.0	<0.340	<0.70	<5.00	1.89
P782-W 3	<5.00	2.70	<9.00	<2.00	1.00	<0.500	<2.00	<5.00	5390	<5.0	<0.340	<0.70	<5.00	1.84
P782-W 4	<5.00	<2.00	<9.00	2.71	<0.200	<0.500	<2.00	<5.00	0.314	<5.0	<0.340	<0.70	<5.00	<1.00
P782-W 5	<5.00	<2.00	<9.00	<2.00	<0.200	<0.500	<2.00	<5.00	0.409	<5.0	<0.340	<0.70	<5.00	<1.00
P782-W 6	<5.00	<2.00	<9.00	<2.00	<0.200	<0.500	<2.00	<5.00	<0.200	<5.0	<0.340	<0.70	<5.00	<1.00
P782-W 14	<5.00	<2.00	<9.00	<2.00	<0.200	<0.500	<2.00	<5.00	<0.200	<5.0	<0.340	<0.70	<5.00	<1.00

000016

PROJECT NUMBER FREE
FIELD GROUP P782-W

PROJECT NAME PLANT 78 WATERS
PROJECT MANAGER BOB CHESSON

STREET CODE:

METHOD CODE:

PARAMETER:

UNITS:

FLD.GRP.	#	SAMPLE ID	DATE	TIME
P782-W	1	P-8	07/26/89	16:45
P782-W	2	P-8-DUP	07/26/89	16:45
P782-W	3	P-9	07/26/89	12:07
P782-W	4	P-9-DUP	07/26/89	12:07
P782-W	5	FWS	07/26/89	10:40
P782-W	6	TRPELK	07/26/89	10:40
P782-W	14	TRPELK	07/26/89	10:40

34621	ADMS	34601	ADMS	34606	ADMS	34616	ADMS	34611	ADMS	77541	ADMS	34626	ADMS	34581	ADMS	34586	ADMS	77416	ADMS	99073	ADMS	97703	ADMS	99077	ADMS	34591	ADMS
TCP246	UG/L	DCP24	UG/L	DMP24	UG/L	DNP24	UG/L	DNT24	UG/L	DCP26	UG/L	26DNT	UG/L	CLNPH2	UG/L	CLPH2	UG/L	MTNPH2	UG/L	MEPH2AM1NUNAPH2	UG/L	NO2ANIL2	UG/L	ADMS	ADMS	NTPH2	UG/L
<0.34		<0.36		<0.28		<3.4		<2.4		<18.3		<1.9		<0.46		<0.28		<0.9		<0.840		<7.5		<2.28		<1.8	
NRQ		NRQ		NRQ		NRQ		NRQ		NRQ		NRQ		NRQ		NRQ		NRQ		NRQ		NRQ		NRQ		NRQ	

000018

PROJECT NUMBER	FREE	PROJECT NAME	PLANT 78 WATERS
FIELD GROUP	P782-W	PROJECT MANAGER	BOB CHESSON

SECRET CODE:

METHOD CODE:

PISTON RING:

UNITS:

FILED.GRP.	#	SAMPLE ID	DATE	TIME
P732-W	1	P-8	07/26/89	16:45
P732-W	2	P-8-DUP	07/26/89	16:45
P732-W	3	P-9	07/26/89	12:07
P732-W	4	P-9-DUP	07/26/89	12:07
P732-W	5	EMS	07/26/89	10:40
P732-W	6	TRPBLK	07/26/89	10:40
P732-W	14	TRPBLK	07/26/89	10:40

[illegible]

PROJECT NUMBER FREE
FIELD GROUP P782-W

PROJECT NAME PLANT 78 WATERS
PROJECT MANAGER BOB CHESSON

STREET CODE:	34283	34278	34273	39100	34292	34320	39110	34596	34556	97695	81302	34336	34341	77579
METHOD CODE:	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS
PARAMETER:	BISZCIE	BISZCEM	BISZCEE	BISZEHF	BZBP	CHRYSENE	D-N-BUPH	DNOP	DBAHA	DBAJA	DBF	DEPH	DMPH	DPA
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	1	1	1	15	3.1	1.7	4.9	1.6	65.5	0.340	1.7	0.84	8.30
P782-W	1	<0.48	<0.28	<3.1	12	<3.1	<1.7	<4.9	<1.6	<65.5	<0.340	<1.7	<0.84	<8.30
P782-W	2	<0.48	<0.28	<3.1	4.5	<3.1	<1.7	<4.9	<1.6	<65.5	<0.340	<1.7	<0.84	<8.30
P782-W	3	<0.48	<0.28	<3.1	5.2	<3.1	<1.7	<4.9	<1.6	<65.5	<0.340	<1.7	<0.84	<8.30
P782-W	4	<0.48	<0.28	<3.1	<2.1	<3.1	<1.7	<4.9	<1.6	<65.5	<0.340	<1.7	<0.84	<8.30
P782-W	5	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
P782-W	6	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
P782-W	14	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ

PROJECT NUMBER FREE
FIELD GROUP P782-W

METHOD CODE:

$$\frac{1}{N} \sum_{i=1}^N \frac{1}{\sigma_i^2}$$

FILED, CRP.	#	SAMPLE ID	DATE	TIME
P782-W	1	P-8	07/26/89	16:45
P782-W	2	P-8-DUP	07/26/89	16:45
P782-W	3	P-9	07/26/89	12:07
P782-W	4	P-9-DUP	07/26/89	12:07
P782-W	5	RMS	07/26/89	10:40
P782-W	6	TRPBLN	07/26/89	10:40
P782-W	14	TRPBLN	07/26/89	10:40

[illegible]

PROJECT NUMBER FREE
FIELD GROUP P782-S

PROJECT NAME PLANT 78 SOILS
PROJECT MANAGER BOB CHESSON

STORET CODE:

METHOD CODE:

PARAMETER:

UNITS:

FLD.GRP. # SAMPLE ID DATE TIME

P782-S	1	E51581-1	06/02/89	10:52	ADHA	34519	34514	34504	34544	34534	97039	34579	97036	34330	34290	34299	34304	34314	34318
P782-S	2	E51581-2	06/02/89	11:04	ADHA	1122TCLETH112TCLETHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA
P782-S	3	E51981-3	06/02/89	12:00	ADHA	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
P782-S	6	E51981-1	06/21/89	16:45	ADHA	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
P782-S	7	E51981-2	06/21/89	09:45	ADHA	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
P782-S	8	E51581-3	07/06/89	10:35	ADHA	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
P782-S	9	E51981-4	07/06/89	14:30	ADHA	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
P782-S	10	E51981-5	07/07/89	14:20	ADHA	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
P782-S	11	DUP	07/07/89	15:42	ADHA	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
P782-S	12E-515-82-1		07/13/89	15:02	ADHA	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
P782-S	13E-515-82-2		07/14/89	07:35	ADHA	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
P782-S	14	E51982-3	07/18/89	11:05	ADHA	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
P782-S	15	E51982-4	07/18/89	16:37	ADHA	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
P782-S	16	E51582	07/20/89	08:10	ADHA	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
P782-S	17	E51981	07/20/89	08:10	ADHA	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY

000026

PROJECT NUMBER FREE
FIELD GROUP P782-S

PROJECT NAME PLANT 78 SOILS
PROJECT MANAGER BOB CHESSON

STORET CODE:	STRET CODE:	PARAMETER:	UNITS:	#	SAMPLE ID	DATE	TIME	34702	34309	78756	98578	34334	34416	34421	34426	34697	34478	34549	34487	34491	97043
P782-S	1	E51581-1	06/02/89	10:52				ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA
P782-S	2	E51581-2	06/02/89	11:04				ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA
P782-S	3	E51581-3	06/02/89	12:00				ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA
P782-S	6	E51581-1	06/21/89	16:45				ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA
P782-S	7	E51581-2	06/21/89	09:45				ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA
P782-S	8	E51581-3	07/06/89	10:35				ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA
P782-S	9	E51581-4	07/06/89	14:30				ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA
P782-S	10	E51581-5	07/07/89	14:20				ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA
P782-S	11	E51581-5	07/07/89	15:42				ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA
P782-S	12	E51581-2	07/13/89	15:02				ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA
P782-S	13	E51581-2	07/14/89	07:35				ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA
P782-S	14	E51581-3	07/18/89	11:05				ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA
P782-S	15	E51581-4	07/18/89	16:37				ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA
P782-S	16	E51581-5	07/20/89	08:10				ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA
P782-S	17	E51581-5	07/20/89	08:10				ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA	ADHA

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PROJECT NUMBER FREE
FIELD GROUP P782-S

PROJECT NAME PLANT 78 SOILS
PROJECT MANAGER BOB CHESSON

STORET CODE:	34495	34237	97036	34304	98578	34374	34483	45510	97675	99492	99470	99477	99468	99469
METHOD CODE:	ADHA	ADP1	ADP1	ADP1	ADP1	ADP1	ADP1	ADP1	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS
PARAMETER:	VC	BZ	BRBZ	GBZ	DCB.T	EBZ	TOLUENEXYLENES.T	TCBI	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	DIP12	DCBZ13	DCBZ14
UNITS:	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
FLD.GRP.	#	SAMPLE ID	DATE	TIME										
P782-S	1	E51581-1	06/02/89	10:52	<0.088	<0.147	<1.05	<0.210	<0.944	<0.210	<0.210	<0.420	<0.04	<0.001
P782-S	2	E51581-2	06/02/89	11:04	<0.087	<0.144	<1.03	<0.206	<0.927	<0.206	<0.206	<0.412	NRQ	NRQ
P782-S	3	E51581-3	06/02/89	12:00	<0.079	<0.132	<0.942	<0.188	<0.848	<0.188	<0.188	<0.377	<0.04	<0.001
P782-S	6	E51981-1	06/21/89	16:45	<0.544	<1.23	<1.75	<1.75	<7.90	<1.75	<1.75	<3.51	<0.05	<0.001
P782-S	7	E51981-2	06/21/89	09:45	<0.426	<0.963	<1.38	<1.38	<6.19	<1.38	<1.38	<2.75	<0.04	<0.001
P782-S	8	E51581-3	07/06/89	10:35	<0.272	<0.136	<0.136	<0.136	<0.409	<0.136	<0.136	<0.409	<0.04	<0.001
P782-S	9	E51581-4	07/06/89	14:30	<0.279	<0.140	<0.140	<0.140	<0.419	<0.140	<0.140	<0.419	<0.04	<0.001
P782-S	10	E51981-5	07/07/89	14:20	<0.352	<0.176	<0.176	<0.176	<0.528	<0.176	<0.176	<0.528	<0.05	<0.001
P782-S	11	DUP	07/07/89	15:42	<0.313	<0.156	<0.156	<0.156	<0.469	<0.156	<0.156	<0.469	<0.04	<0.001
P782-S	12E-515-B2-1		07/13/89	15:02	<0.320	<0.160	<0.160	<0.160	<0.479	<0.160	<0.160	<0.479	<0.04	<0.001
P782-S	13E-515-B2-2		07/14/89	07:35	<0.293	<0.146	<0.146	<0.146	<0.439	<0.146	<0.146	<0.439	<0.04	<0.001
P782-S	14	E51982-3	07/18/89	11:05	0.0004	<0.001	<0.007	<0.002	<0.007	<0.001	<0.001	<0.003	<0.04	<0.001
P782-S	15	E51982-4	07/18/89	16:37	0.0004	<0.0009	<0.007	<0.002	<0.006	<0.001	<0.001	<0.003	<0.04	<0.001
P782-S	16	E51582	07/20/89	08:10	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<0.04	<0.001
P782-S	17	E51981	07/20/89	08:10	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<0.04	<0.001

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PROJECT NAME PLANT 78 SOILS
PROJECT MANAGER BOB CHESSON

PROJECT NUMBER FREE
FIELD GROUP P782-S

STORET CODE:

METHOD CODE:

PARAMETER:

UNITS:

FLD.GRP. # SAMPLE ID DATE TIME

STORET CODE:	PARAMETER:	#	SAMPLE ID	DATE	TIME	97649	97661	97681	98587	99684	99498	99499	99695	99474	97677	99475	99464	99497	97660
METHOD CODE:	UNIT:					ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS
P782-S	1	E515B1-1	06/02/89	10:52	NRQ	ICLNAPAMINONAPHI	2346CP	ADMS	TCP245	TCP246	DCP24	DMP24	DNP24	DNT24	DCP26	DNT26	CLNPH2	CLPH2	MTNPH2
P782-S	2	E515B1-2	06/02/89	11:04	NRQ	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
P782-S	3	E519B1-3	06/02/89	12:00	NRQ	<0.03	<0.02	<0.05	<0.002	<0.0009	<0.0008	<0.0007	<0.008	<0.006	<0.05	<0.005	<0.001	<0.0007	<0.002
P782-S	6	E519B1-1	06/21/89	16:45	<0.03	<0.03	<0.05	<0.003	<0.002	<0.001	<0.001	<0.008	<0.010	<0.007	<0.05	<0.005	<0.001	<0.0008	<0.003
P782-S	7	E519B1-2	06/21/89	09:45	<0.03	<0.02	<0.05	<0.003	<0.002	<0.0009	<0.0009	<0.007	<0.009	<0.006	<0.05	<0.005	<0.001	<0.0007	<0.002
P782-S	8	E515B1-3	07/06/89	10:35	<0.03	<0.02	<0.04	<0.002	<0.002	<0.0008	<0.0009	<0.007	<0.008	<0.006	<0.04	<0.005	<0.001	<0.0007	<0.002
P782-S	9	E519B1-4	07/06/89	14:30	<0.03	<0.02	<0.04	<0.002	<0.002	<0.0008	<0.0009	<0.007	<0.008	<0.006	<0.05	<0.005	<0.001	<0.0007	<0.002
P782-S	10	E519B1-5	07/07/89	14:20	<0.03	<0.03	<0.05	<0.003	<0.002	<0.001	<0.001	<0.008	<0.010	<0.007	<0.05	<0.005	<0.001	<0.0008	<0.002
P782-S	11	DUP	07/07/89	15:42	<0.03	<0.03	<0.05	<0.003	<0.002	<0.0009	<0.0009	<0.007	<0.009	<0.007	<0.05	<0.005	<0.001	<0.0007	<0.002
P782-S	12E-515-B2-1	07/13/89	15:02	<0.03	<0.03	<0.03	<0.05	<0.003	<0.002	<0.0009	<0.0009	<0.007	<0.009	<0.006	<0.05	<0.005	<0.001	<0.0007	<0.002
P782-S	13E-515-B2-2	07/14/89	07:35	<0.03	<0.02	<0.03	<0.05	<0.002	<0.002	<0.0009	<0.0009	<0.007	<0.009	<0.006	<0.05	<0.005	<0.001	<0.0007	<0.002
P782-S	14	E519B2-3	07/18/89	11:05	<0.03	<0.03	<0.05	<0.003	<0.003	<0.0009	<0.001	<0.007	<0.009	<0.007	<0.05	<0.005	<0.001	<0.0007	<0.002
P782-S	15	E519B2-4	07/18/89	16:37	<0.03	<0.03	<0.05	<0.002	<0.002	<0.0009	<0.0009	<0.007	<0.009	<0.006	<0.05	<0.005	<0.001	<0.0007	<0.002
P782-S	16	E515B2	07/20/89	08:10	<0.03	<0.02	<0.04	<0.002	<0.002	<0.0008	<0.0009	<0.007	<0.008	<0.006	<0.05	<0.005	<0.001	<0.0007	<0.002
P782-S	17	E519B1	07/20/89	08:10	<0.03	<0.02	<0.04	<0.002	<0.002	<0.0008	<0.0008	<0.006	<0.008	<0.006	<0.04	<0.004	<0.001	<0.0006	<0.002

PROJECT NUMBER FREE
FIELD GROUP P782-S

PROJECT NAME PLANT 78 SOILS
PROJECT MANAGER BOB CHESSON

STORET CODE:
METHOD CODE:
PARAMETER:

UNITS:

FLD.GRP.	#	SAMPLE ID	DATE	TIME	97680	97664	99496	97653	97654	99450	99451	97643	97644	99452	97646	99453	99456	99454
P782-S	1	E515B1-1	06/02/89	10:52	<0.002	<0.010	<0.010	<0.03	<0.04	<0.0009	<0.0008	<0.02	<0.03	<0.002	<0.43	<0.0008	<0.0007	<0.002
P782-S	2	E515B1-2	06/02/89	11:04	<0.002	<0.009	<0.009	<0.03	<0.03	<0.0009	<0.0008	<0.02	<0.03	<0.002	<0.40	<0.0007	<0.0007	<0.002
P782-S	3	E519B1-3	06/02/89	12:00	<0.002	<0.01	<0.01	<0.03	<0.04	<0.001	<0.0009	<0.02	<0.04	<0.002	<0.48	<0.0009	<0.0008	<0.002
P782-S	6	E519B1-1	06/21/89	16:45	<0.002	<0.010	<0.010	<0.03	<0.04	<0.0009	<0.0008	<0.02	<0.03	<0.002	<0.42	<0.0008	<0.0007	<0.002
P782-S	7	E519B1-2	06/21/89	09:45	<0.002	<0.009	<0.009	<0.03	<0.03	<0.0009	<0.0008	<0.02	<0.03	<0.002	<0.40	<0.0007	<0.0007	<0.002
P782-S	8	E515B1-3	07/06/89	10:35	<0.002	<0.010	<0.010	<0.03	<0.04	<0.0009	<0.0008	<0.02	<0.03	<0.002	<0.41	<0.0007	<0.0007	<0.002
P782-S	9	E519B1-4	07/06/89	14:30	<0.002	<0.01	<0.01	<0.03	<0.04	<0.001	<0.0009	<0.02	<0.04	<0.002	<0.47	<0.0008	<0.0008	<0.002
P782-S	10	E519B1-5	07/07/89	14:20	<0.002	<0.01	<0.01	<0.03	<0.04	<0.001	<0.0009	<0.02	<0.03	<0.002	<0.44	<0.0008	<0.0007	<0.002
P782-S	11	DUP	07/07/89	15:42	<0.002	<0.01	<0.01	<0.03	<0.04	<0.001	<0.0009	<0.02	<0.03	<0.002	<0.44	<0.0008	<0.0008	<0.002
P782-S	12E-515-82-1		07/13/89	15:02	<0.002	<0.01	<0.01	<0.03	<0.04	<0.001	<0.0009	<0.02	<0.03	<0.002	<0.42	<0.0007	<0.0007	<0.002
P782-S	13E-515-82-2		07/14/89	07:35	<0.002	<0.010	<0.010	<0.03	<0.04	<0.0009	<0.0008	<0.02	<0.03	<0.002	<0.45	<0.0008	<0.0008	<0.002
P782-S	14	E519B2-3	07/18/89	11:05	<0.002	<0.01	<0.01	<0.03	<0.04	<0.001	<0.0009	<0.02	<0.03	<0.002	<0.43	<0.0008	<0.0007	<0.002
P782-S	15	E519B2-4	07/18/89	16:37	<0.002	<0.01	<0.010	<0.03	<0.04	<0.0009	<0.0008	<0.02	<0.03	<0.002	<0.41	<0.0007	<0.0007	<0.002
P782-S	16	E515B2	07/20/89	08:10	<0.002	<0.010	<0.009	<0.03	<0.04	<0.0009	<0.0008	<0.02	<0.03	<0.002	<0.38	<0.0007	<0.0007	<0.002
P782-S	17	E519B1	07/20/89	08:10	<0.002	<0.009	<0.009	<0.02	<0.03	<0.0008	<0.0007	<0.02	<0.03	<0.001	<0.38	<0.0007	<0.0006	<0.002

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PROJECT NUMBER FREE
FIELD GROUP P782-S

PROJECT NAME PLANT 78 SOILS
PROJECT MANAGER BOB CHESSON

STORET CODE:	99691	99455	97676	97647	97547	97493	99458	99460	99463	99690	99467	99476	97650	99466
METHOD CODE:	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS
PARAMETER:	BZCHIP	BZKF	BENZOA	BZLAL	BIS2CIE	BIS2CEM	BIS2CEE	BIS2EHP	BZBP	CHRYSENE	DNEBP	DNOP	DBAJA	DBAHA
UNITS:	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
FLD.GRP.	#	SAMPLE ID	DATE	TIME										
P782-S	1	E515B1-1	06/02/89	10:52	<0.003	<0.003	<0.0007	0.10	<0.006	<0.008	<0.005	<0.01	<0.2	<0.004
P782-S	2	E515B1-2	06/02/89	11:04	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
P782-S	3	E515B1-3	06/02/89	12:00	<0.003	<0.003	<0.0007	<0.008	0.18	<0.008	<0.004	<0.01	<0.2	<0.004
P782-S	6	E519B1-1	06/21/89	16:45	<0.004	<0.003	<0.0008	<0.009	<0.006	<0.009	<0.005	<0.01	<0.2	<0.005
P782-S	7	E519B1-2	06/21/89	09:45	<0.003	<0.003	<0.0007	<0.008	<0.005	<0.008	<0.004	<0.01	<0.2	<0.004
P782-S	8	E515B1-3	07/06/89	10:35	<0.003	<0.003	<0.0007	0.14	<0.005	<0.008	<0.004	<0.01	<0.2	<0.004
P782-S	9	E519B1-4	07/06/89	14:30	<0.003	<0.003	<0.0007	0.13	<0.005	<0.008	<0.004	<0.01	<0.2	<0.004
P782-S	10	E519B1-5	07/07/89	14:20	<0.003	<0.003	<0.0008	0.18	<0.006	<0.009	0.04	<0.01	<0.2	<0.005
P782-S	11	DUP	07/07/89	15:42	<0.003	<0.003	<0.0007	0.24	0.08	<0.008	0.04	<0.01	<0.2	<0.004
P782-S	12E-515-B2-1		07/13/89	15:02	<0.003	<0.003	<0.0007	0.22	1.0	<0.008	<0.005	<0.01	<0.2	<0.004
P782-S	13E-515-B2-2		07/14/89	07:35	<0.003	<0.003	<0.0007	0.12	0.47	<0.008	<0.004	<0.01	<0.2	<0.004
P782-S	14	E519B2-3	07/18/89	11:05	<0.003	<0.003	<0.0007	0.18	0.23	<0.008	<0.005	<0.01	<0.2	<0.004
P782-S	15	E519B2-4	07/18/89	16:37	<0.003	<0.003	<0.0007	0.10	<0.006	<0.008	<0.005	<0.01	<0.2	<0.004
P782-S	16	E515B2	07/20/89	08:10	<0.003	<0.003	<0.0007	<0.008	<0.005	<0.008	<0.004	<0.01	<0.2	<0.004
P782-S	17	E519B1	07/20/89	08:10	<0.003	<0.002	<0.0006	0.14	<0.005	<0.007	<0.004	<0.01	<0.2	<0.004

000032

Investment Manager/ESG: [REDACTED].

PROJECT NUMBER FREE P782-S
FIELD GROUP

PROJECT NAME PLANT 78 SOILS
PROJECT MANAGER BOB CHESSON

STORET CODE:

METHOD CODE:

PARAMETER:

UNITS:

FLD.GRP.	#	SAMPLE ID	DATE	TIME
P782-S	1	E515B1-1	06/02/89	10:52
P782-S	2	E515B1-2	06/02/89	11:04
P782-S	3	E519B1-3	06/02/89	12:00
P782-S	6	E519B1-1	06/21/89	16:45
P782-S	7	E519B1-2	06/21/89	09:45
P782-S	8	E515B1-3	07/06/89	10:35
P782-S	9	E519B1-4	07/06/89	14:30
P782-S	10	E519B1-5	07/07/89	14:20
P782-S	11	DUP	07/07/89	15:42
P782-S	12E-515-B2-1		07/13/89	15:02
P782-S	13E-515-B2-2		07/14/89	07:35
P782-S	14	E519B2-3	07/18/89	11:05
P782-S	15	E519B2-4	07/18/89	16:37
P782-S	16	E515B2	07/20/89	08:10
P782-S	17	E519B1	07/20/89	08:10

	99487	97666	97667	97669	97665	99696	99485	97652	97670	97671	99682	97672	99489	99685
	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS	ADMS
	NTSPRN	NNSM	NNSPH	NNSPRD	NTSEN	NAPH	NO3BZ	PDMAABZ	PECLBZ	PECLNO2BZ	PCP	PHNACTN	PHAN	TPHEN
	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY	MG/KG-DRY
	<0.004	<0.04	<0.001	<0.08	<0.04	<0.0007	<0.003	<0.02	<0.03	<0.10	<0.005	<0.11	<0.001	<0.003
	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
	<0.003	<0.03	<0.001	<0.07	<0.04	<0.0006	<0.003	<0.02	<0.03	<0.10	<0.004	<0.11	<0.001	<0.003
	<0.004	<0.04	<0.002	<0.09	<0.05	<0.0007	<0.003	<0.02	<0.03	<0.12	<0.005	<0.13	<0.001	<0.003
	<0.004	<0.04	<0.001	<0.08	<0.04	<0.0007	<0.003	<0.02	<0.03	<0.10	<0.005	<0.11	<0.001	<0.003
	<0.003	<0.03	<0.001	<0.08	<0.04	<0.0006	<0.003	<0.02	<0.03	<0.10	<0.004	<0.11	<0.001	<0.003
	<0.003	<0.04	<0.001	<0.08	<0.04	<0.0006	<0.003	<0.02	<0.03	<0.10	<0.005	<0.11	<0.001	<0.003
	<0.004	<0.04	<0.002	<0.09	<0.05	<0.0007	<0.003	<0.02	<0.03	<0.11	<0.005	<0.13	<0.001	<0.003
	<0.004	<0.04	<0.001	<0.08	<0.05	<0.0007	<0.003	<0.02	<0.03	<0.10	<0.005	<0.12	<0.001	<0.003
	<0.004	<0.04	<0.001	<0.08	<0.04	<0.0007	<0.003	<0.02	<0.03	<0.11	<0.005	<0.11	<0.001	<0.003
	<0.004	<0.04	<0.002	<0.08	<0.05	<0.0007	<0.003	<0.02	<0.03	<0.10	<0.005	<0.12	<0.001	<0.003
	<0.004	<0.04	<0.001	<0.08	<0.04	<0.0007	<0.003	<0.02	<0.03	<0.11	<0.005	<0.12	<0.001	<0.003
	<0.003	<0.04	<0.001	<0.08	<0.04	<0.0006	<0.003	<0.02	<0.03	<0.10	<0.005	<0.11	<0.001	<0.003
	<0.003	<0.03	<0.001	<0.07	<0.04	<0.0006	<0.003	<0.02	<0.03	<0.10	<0.004	<0.10	<0.001	<0.002

000034

Sample Date Reports

SAMPLE DATE REPORT FOR PLANT 78 WATER SAMPLES									
SAMPLE ID	STATION ID	COLL. DATE	CLASSIFICATION	EXTRACTION DATE		ANALYSIS DATE		COLL. TO EXTRA. EXTR. TO ANA.	
								COLL. TO ANA. ESE Batch	
782-W*1	P-8	07/26/89	PURGE. AROMATICS-SW8020	NA	08/07/89			12	D1040
			PURGE. HALOCARBONS-SW8010	NA	08/07/89			12	D1040
			HYDROCARBON-E418.1	08/07/89	08/08/89	12	1	13	D1043
			SEMI VOLATILES-SW8270	07/31/89	08/04/89	5	4	9	D1082
			MERCURY-E245.1	08/01/89	08/01/89	6	0	6	D1028
782-W*2	P-8-DUP	07/26/89	ICAP METALS-E200.7	08/01/89	08/02/89	6	1	7	D1035
			PURGE. AROMATICS-SW8020	NA	08/07/89			12	D1040
			PURGE. HALOCARBONS-SW8010	NA	08/07/89			12	D1040
			HYDROCARBON-E418.1	08/07/89	08/08/89	12	1	13	D1043
			SEMI VOLATILES-SW8270	07/31/89	08/04/89	5	4	9	D1082
782-W*3	P-9	07/26/89	MERCURY-E245.1	08/01/89	08/01/89	6	0	6	D1028
			ICAP METALS-E200.7	08/01/89	08/02/89	6	1	7	D1035
			PURGE. AROMATICS-SW8020	NA	08/07/89			12	D1040
			PURGE. HALOCARBONS-SW8010	NA	08/07/89			12	D1040
			HYDROCARBON-E418.1	08/07/89	08/08/89	12	1	13	D1043
782-W*4	P-9-DUP	07/26/89	SEMI VOLATILES-SW8270	07/31/89	08/04/89	5	4	9	D1082
			MERCURY-E245.1	08/01/89	08/01/89	6	0	6	D1028
			ICAP METALS-E200.7	08/01/89	08/02/89	6	1	7	D1035
			PURGE. AROMATICS-SW8020	NA	08/07/89			12	D1040
			PURGE. HALOCARBONS-SW8010	NA	08/07/89			12	D1040
782-W*5	RMB	07/26/89	HYDROCARBON-E418.1	08/07/89	08/08/89	12	1	13	D1043
			SEMI VOLATILES-SW8270	07/31/89	08/04/89	5	4	9	D1082
			MERCURY-E245.1	08/01/89	08/01/89	6	0	6	D1028
			ICAP METALS-E200.7	08/01/89	08/02/89	6	1	7	D1035
			PURGE. AROMATICS-SW8020	NA	08/07/89			12	D1040
782-W*6	TRPBLK	07/26/89	PURGE. HALOCARBONS-SW8010	NA	08/07/89			12	D1040
			HYDROCARBON-E418.1	08/07/89	08/08/89	12	1	13	D1043
			SEMI VOLATILES-SW8270	07/31/89	08/04/89	5	4	9	D1082
			MERCURY-E245.1	08/01/89	08/01/89	6	0	6	D1028
			ICAP METALS-E200.7	08/01/89	08/02/89	6	1	7	D1035
782-W*14	TRPBLK	07/26/89	PURGE. AROMATICS-SW8020	NA	08/07/89			12	D1040
			PURGE. HALOCARBONS-SW8010	NA	08/07/89			12	D1040

SAMPLE DATE REPORT FOR PLANT 78 SOIL SAMPLES				COLL. TO EXTR. EXTR. TO ANA. COLL. TO ANA. ESE Batch			
SAMPLE ID	STATION ID	COLL. DATE	CLASSIFICATION	EXTRACTION DATE	ANALYSIS DATE		
P782-S*1	E515B1-1	06/02/89	PURGE. AROMATICS-SW8020	NA	06/13/89	11	D935
			PURGE. HALOCARBONS-SW8010	NA	06/13/89	11	D935
			HYDROCARBONS-E418.1	06/20/89	06/21/89	18	D943
			SEMI VOLATILES-SW8270	06/14/89	06/20/89	12	D995
			ICAP METALS-SW6010	06/12/89	06/14/89	10	D928
P782-S*2	E515B1-2	06/02/89	MERCURY-SW7471	06/12/89	06/12/89	10	D926
			PURGE. AROMATICS-SW8020	NA	06/13/89	11	D935
			PURGE. HALOCARBONS-SW8010	NA	06/13/89	11	D935
			PURGE. AROMATICS-SW8020	NA	06/13/89	11	D935
			PURGE. HALOCARBONS-SW8010	NA	06/13/89	11	D935
P782-S*3	E519B1-3	06/02/89	HYDROCARBONS-E418.1	06/20/89	06/21/89	18	D943
			SEMI VOLATILES-SW8270	06/14/89	06/20/89	12	D995
			ICAP METALS-SW6010	06/12/89	06/14/89	10	D928
			MERCURY-SW7471	06/12/89	06/12/89	10	D926
			PURGE. AROMATICS-SW8020	NA	06/28/89	7	D973
P782-S*6	E519B1-1	06/21/89	PURGE. HALOCARBONS-SW8010	NA	06/28/89	7	D973
			HYDROCARBONS-E418.1	07/19/89	07/20/89	28	D1006
			SEMI VOLATILES-SW8270	06/27/89	07/05/89	6	D994
			ICAP METALS-SW6010	06/29/89	07/10/89	8	D984
			MERCURY-SW7471	06/28/89	06/28/89	7	D968
P782-S*7	E519B1-2	06/21/89	PURGE. AROMATICS-SW8020	NA	06/28/89	7	D973
			PURGE. HALOCARBONS-SW8010	NA	06/28/89	7	D973
			HYDROCARBONS-E418.1	07/19/89	07/20/89	28	D1006
			SEMI VOLATILES-SW8270	06/27/89	07/05/89	6	D994
			ICAP METALS-SW6010	06/29/89	07/10/89	8	D984
P782-S*8	E515B1-3	07/06/89	MERCURY-SW7471	06/28/89	06/28/89	7	D968
			PURGE. AROMATICS-SW8020	NA	07/18/89	12	D1007
			PURGE. HALOCARBONS-SW8010	NA	07/18/89	12	D1007
			HYDROCARBONS-E418.1	07/19/89	07/20/89	13	D1006
			SEMI VOLATILES-SW8270	07/14/89	07/24/89	8	D1069
P782-S*9	E519B1-4	07/06/89	ICAP METALS-SW6010	07/14/89	07/18/89	8	D1005
			MERCURY-SW7471	07/18/89	07/18/89	12	D1001
			PURGE. AROMATICS-SW8020	NA	07/18/89	12	D1007
			PURGE. HALOCARBONS-SW8010	NA	07/18/89	12	D1007
			HYDROCARBONS-E418.1	07/19/89	07/20/89	13	D1006
P782-S*10	E519B1-5	07/07/89	SEMI VOLATILES-SW8270	07/14/89	07/24/89	8	D1069
			ICAP METALS-SW6010	07/14/89	07/18/89	8	D1005
			MERCURY-SW7471	07/18/89	07/18/89	12	D1001
			PURGE. AROMATICS-SW8020	NA	07/18/89	11	D1007
			PURGE. HALOCARBONS-SW8010	NA	07/18/89	11	D1007
			HYDROCARBONS-E418.1	07/19/89	07/20/89	12	D1006
			SEMI VOLATILES-SW8270	07/14/89	07/24/89	7	D1069
			ICAP METALS-SW6010	07/14/89	07/18/89	7	D1005
			MERCURY-SW7471	07/18/89	07/18/89	11	D1001
						11	D1001

SAMPLE ID	STATION ID	COLL. DATE	CLASSIFICATION	SAMPLE DATE REPORT FOR PLANT 78 SOIL SAMPLES		EXTRACTION DATE ANALYSIS DATE		COLL. TO EXTR. EXTR. TO ANA. COLL. TO ANA.		ESE Batch
P782-S*11	DUP	07/07/89	PURGE. AROMATICS-SW8020	NA	07/18/89				11	D1007
			PURGE. HALOCARBONS-SW8010	NA	07/18/89				11	D1007
			HYDROCARBONS-E418.1	07/19/89	07/20/89	12	1		13	D1006
			SEMIVOLATILES-SW8270	07/14/89	07/24/89	7	10		17	D1069
			ICAP METALS-SW6010	07/14/89	07/18/89	7	4		11	D1005
P782-S*12	E-515-B2-1	07/13/89	MERCURY-SW7471	07/18/89	07/18/89	11	0		11	D1001
			PURGE. AROMATICS-SW8020	NA	07/18/89				5	D1007
			PURGE. HALOCARBONS-SW8010	NA	07/18/89				5	D1007
			HYDROCARBONS-E418.1	07/19/89	07/20/89	6	1		7	D1006
			SEMIVOLATILES-SW8270	07/26/89	08/04/89	13	9		22	D1083
P782-S*13	E-515-B2-2	07/14/89	ICAP METALS-SW6010	07/24/89	07/26/89	11	2		13	D1021
			MERCURY-SW7471	07/18/89	07/18/89	5	0		5	D1001
			PURGE. AROMATICS-SW8020	NA	07/18/89				4	D1007
			PURGE. HALOCARBONS-SW8010	NA	07/18/89				4	D1007
			HYDROCARBONS-E418.1	07/19/89	07/20/89	5	1		6	D1006
P782-S*14	E51982-3	07/18/89	SEMIVOLATILES-SW8270	07/26/89	08/04/89	12	9		21	D1083
			ICAP METALS-SW6010	07/24/89	07/26/89	10	2		12	D1021
			MERCURY-SW7471	07/18/89	07/18/89	4	0		4	D1001
			PURGE. AROMATICS-SW8020	NA	07/26/89				8	D1024
			PURGE. HALOCARBONS-SW8010	NA	07/26/89				8	D1024
P782-S*15	E51982-4	07/18/89	HYDROCARBONS-E418.1	07/27/89	07/28/89	9	1		10	D1025
			SEMIVOLATILES-SW8270	07/26/89	08/04/89	8	9		17	D1083
			ICAP METALS-SW6010	07/24/89	07/26/89	6	2		8	D1021
			MERCURY-SW7471	07/25/89	07/25/89	7	0		7	D1016
			PURGE. AROMATICS-SW8020	NA	07/26/89				8	D1024
P782-S*16	E51582	07/20/89	PURGE. HALOCARBONS-SW8010	NA	07/26/89				8	D1024
			HYDROCARBONS-E418.1	07/27/89	07/28/89	9	1		10	D1025
			SEMIVOLATILES-SW8270	07/26/89	08/04/89	8	9		17	D1083
			ICAP METALS-SW6010	07/24/89	07/26/89	6	2		8	D1021
			MERCURY-SW7471	07/25/89	07/25/89	7	0		7	D1016
P782-S*17	E51981	07/20/89	SEMIVOLATILES-SW8270	07/30/89	08/04/89	10	5		15	D1085
			EPTOX-SW1310	07/30/89	08/04/89	10	5		15	D1039
P782-S*17	E51981	07/20/89	SEMIVOLATILES-SW8270	07/30/89	08/04/89	10	5		15	D1085
			EPTOX-SW1310	07/30/89	08/04/89	10	5		15	D1039

Chain of Custody Forms

FIELD GROUP: P782-W
S LAB COORD. ANGELA BURCH

DATE TIME PARAMETER LIST
P782-W

P782-W

P782-W: N fractions preserved with nifric.

4/26/99 207

7/26/89 1207

~~P-782-W~~

SITE ID AS NECESSARY; UNCOLLECTED. ENTER DATE.

INQUIRED BY: (NAME/ORGANIZATION/DATE/TIME);

REC'D BY (NAME/ORGANIZATION/DATE/TIME)

1	NAME	DATE	TIME	ORGANIZATION	DATE/TIME
1	Joe News	7-27-89	11:13	Hunter-Saxton Inc.	7/28/89 0900
2	Joe News	7-27-89	11:13	Hunter-Saxton Inc.	7/28/89 0900

[illegible]

--- TO SHIP ON --- / --- / ---

Preservations Audited?	Problems?
------------------------	-----------

$V =$ vva vials (44 ml) - collect 5 per site

$\bar{O} = 950$ ml glass jar - collect 1 per-site

$w = 80$ - jug - collect 1 per site

N= plastic cubitainer preserved with nitric acid - collect- 1 per site

NF = plastic container filtered in field and preserved with nitric acid
collect 1 per site

12/12/20

000040

unter/ESE, Inc. 05-25-89
PROJECT NUMBER FREE

*** FIELD LOGSHEET ***
PROJECT NAME: PLANT 78 SOILS

FIELD GROUP: P782-S
LAB COORD. ANGELA BURCH

SITE/STA HAZ? FRACTIONS(CIRCLE) DATE TIME PARAMETER LIST
12 E51581+02 SS SS ~~84~~ 7-20-89 08/0 P782-S ~~*12~~ ~~SS-K-14~~ 16
13 E51901 TCPL SS SS ~~84~~ 7-20-89 08/0 P782-S ~~*13~~ ~~SS-K-14~~ 17

TE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
- CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
- HAZARD CODES: I=IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD. IDENTIFY SPECIFICS IF KNOWN
- PLEASE RETURN COMPLETED LOGSHEETS WITH SAMPLES TO Hunter/ESE, Inc.

INQUIRED BY: (NAME/ORGANIZATION/DATE/TIME) VIA: REC'D BY (NAME/ORGANIZATION/DATE/TIME)

1 Bol Winters/Hunter 7-20-89, 0900 Fed X ~~7-20-89~~ Hunter/ESE 7/21/89 10:20
2
3

Water

MPLE: MORE SAMPLES TO BE SHIPPED? ~~YES~~ IF YES, ANTICIPATED # ~~2124~~ 189 TO SHIP ON 7/24/89
MPLE CUSTODIAN: Custody Seals Intact? --- Samples Iced? --- Preservations Audited? --- Problems? ---

SS = 250 ml jar - collect 2 per site

unter/ESE, Inc. 05-25-89
PROJECT NUMBER 99003-

*** FIELD LOGSHEET ***
PROJECT NAME: PLANT 78 SOILS

FIELD GROUP: P782-S
LAB COORD. ANGELA BURCH

#	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	E519B1-1	SS SS SV			P782-S
*2	E519B1-2	SS SS SV			P782-S
*3	E519B1-3	(SS) (SS) (SV)	7/18/89	1105	P782-S *3-SS-KM 14
*4	E519B1-4	(SS) (SS) (SV)	7/18/89	1637	P782-S *4-SS-KM 15
*5	E519B1-5	SS SS SV			P782-S
*6	E516B1-1	SS SS SV			P782-S
*7	E516B1-2	SS SS SV			P782-S
*8	E516B1-3	SS SS SV			P782-S
*9	E516B1-4	SS SS SV			P782-S
10	E516B1-5	SS SS SV			P782-S
11	DUP	SS SS SV			P782-S

TE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN COMPLETED LOGSHEETS WITH SAMPLES TO Hunter/ESE, Inc.

INQUIRED BY: (NAME/ORGANIZATION/DATE/TIME) VIA: REC'D BY (NAME/ORGANIZATION/DATE/TIME)

1 *Belmont/Hunter* 7-20-89 1090 *fed* *vt. M. Hunter/ESE* 7/21/89 10:20

MPLE: MORE SAMPLES TO BE SHIPPED? --- IF YES, ANTICIPATED # --- TO SHIP ON ---
MPLE CUSTODIAN: Custody Seals Intact? --- Samples Iced? --- Preservations Audited? --- Problems? ---

SS = 250 ml jar, collect 2 per site

SV = 60 ml jar, collect 1 per site

unter/ESE, Inc. 05-25-89
PROJECT NUMBER 99003-

*** FIELD LOGSHEET ***
PROJECT NAME: PLANT 78 SOILS

FIELD GROUP: P782-S
LAB COORD. ANGELA BURCH

#	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	~~E519B1-1~~ ~~82-1~~ ~~SS~~ ~~SV~~	~~SS~~ ~~SV~~	7-13-89	1502	P782-S * ~~11 Nov. 12~~
*2	~~E519B1-2~~ ~~82-2~~ ~~SS~~ ~~SV~~	~~SS~~ ~~SV~~	7-14-89	0735	P782-S * ~~12 Nov. 13~~
*3	E519B1-3	SS SS SV			P782-S
*4	E519B1-4	SS SS SV			P782-S
*5	E519B1-5	SS SS SV			P782-S
*6	E516B1-1	SS SS SV			P782-S
*7	E516B1-2	SS SS SV			P782-S
*8	E516B1-3	SS SS SV			P782-S
*9	E516B1-4	SS SS SV			P782-S
*10	E516B1-5	SS SS SV			P782-S
*11	DUP	SS SS SV			P782-S

CE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED); HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD. IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN COMPLETED LOGSHEETS WITH SAMPLES TO Hunter/ESE, Inc.

UNQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) VIA: REC'D BY (NAME/ORGANIZATION/DATE/TIME)

Kemper Dandawati - Hunk - 7-14-89 1300 hours FedEx 4:14 PM / 10/11 Hunter/ESE 7/15/89 1030

APLER: MORE SAMPLES TO BE SHIPPED? --- IF YES, ANTICIPATED # --- TO SHIP ON --- / --- / ---
APLE CUSTODIAN: Custody Seals Intact? --- Samples Iced? --- Preservations Audited? --- Problems? ---

SS = 250 ml jar, collect 2 per site

SV = 60 ml jar, collect 1 per site

inter/ESE, Inc. 05-25-89
PROJECT NUMBER 99003-

*** FIELD LOGSHEET ***
PROJECT NAME: PLANT 78 SOILS

FIELD GROUP: P782-S
LAB COORD. ANGELA BURCH

SITE/STA HAZ? FRACTIONS(CIRCLE)

1 ~~E519B1-1~~ ~~E-515-~~ (SS) (SV) DATE TIME PARAMETER LIST
7-13-89 1502 P782-S * ~~11-Nov. 12~~

2 ~~E519B1-2~~ ~~E-515B2-2~~ (SS) (SV) ~~11-Nov. 12~~
7-14-89 0735 P782-S * ~~12-Nov. 13~~

3 E519B1-3 SS SS SV P782-S

4 E519B1-4 SS SS SV P782-S

5 E519B1-5 SS SS SV P782-S

6 E516B1-1 SS SS SV P782-S

7 E516B1-2 SS SS SV P782-S

8 E516B1-3 SS SS SV P782-S

9 E516B1-4 SS SS SV P782-S

10 E516B1-5 SS SS SV P782-S

11 DUP SS SS SV P782-S

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CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN COMPLETED LOGSHEETS WITH SAMPLES TO Hunter/ESE, Inc.

UNQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

VIA: REC'D BY (NAME/ORGANIZATION/DATE/TIME)

Kemper Dandanti - Hunk - 7-14-89 1300 hours FedEx Hunter/ESE 7/15/89 1050

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SS = 250 ml jar, collect 2 per site

SV = 60 ml jar, collect 1 per site

4PLER: MORE SAMPLES TO BE SHIPPED? IF YES, ANTICIPATED # TO SHIP ON
4PLER CUSTODIAN: Custody Seals Intact? Samples Iced? Preservations Audited? Problems?

unter/ESE, Inc. 05-25-89 *** FIELD LOGSHEET *** FIELD GROUP: P782-S
 PROJECT NUMBER 99003- PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

#	SITE/STA HAZ?	FRACTIONS(CIRCIE)	DATE	TIME	PARAMETER LIST
*1	E519B1-1	SS SV SV	6-23-89	1445	P782-S
*2	E519B1-2	SS SV SV	6-23-89	1545	P782-S
*3	E519B1-3	SS SS SV			P782-S
*4	E519B1-4	SS SS SV			P782-S
*5	E519B1-5	SS SS SV			P782-S
*6	E516B1-1	SS SS SV			P782-S
*7	E516B1-2	SS SS SV			P782-S
*8	E516B1-3	SS SS SV			P782-S
*9	E516B1-4	SS SS SV			P782-S
10	E516B1-5	SS SS SV			P782-S
11	DUP	SS SS SV			P782-S

TE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
 - CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
 - HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
 - PLEASE RETURN COMPLETED LOGSHEETS WITH SAMPLES TO Hunter/ESE, Inc.

INQUIRED BY: (NAME/ORGANIZATION/DATE/TIME) VIA: REC'D BY (NAME/ORGANIZATION/DATE/TIME)

1 *Bob Winters / Hunter Services / 6-23-89 / 1330* *Kim 24/101 Hunter/ESE 6/26/89 1000*

MPLE: MORE SAMPLES TO BE SHIPPED? *SS* IF YES, ANTICIPATED # *---* TO SHIP ON *---* *---* *---*
 MPLE CUSTODIAN: Custody Seals Intact? *---* Samples Iced? *---* Preservations Audited? *---* Problems? *---*

SS = 250 ml jar, collect 2 per site
SV = 60 ml jar, collect 1 per site

unter/ESE, Inc. 05-25-89
PROJECT NUMBER 99003-

*** FIELD LOGSHEET ***
PROJECT NAME: PLANT 78 SOILS

FIELD GROUP: P782-S
LAB COORD. ANGELA BURCH

#	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	E519B1-1	SS SS SV			P782-S
*2	E519B1-2	SS SS SV			P782-S
*3	E519B1-3	SS (SS) (SV)			P782-S * 8-SS
*4	E519B1-4	SS (SS) (SV)			P782-S * 9-SS
*5	E519B1-5	SS (SS) (SV)			P782-S * 10-SS
*6	E516B1-1	SS SS SV			P782-S
*7	E516B1-2	SS SS SV			P782-S
*8	E516B1-3	SS SS SV			P782-S
*9	E516B1-4	SS SS SV			P782-S
*10	E516B1-5	SS SS SV			P782-S
*11	DUP	SS (SS) (SV)			P782-S * 11-SS

TE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
- CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
- HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
- PLEASE RETURN COMPLETED LOGSHEETS WITH SAMPLES TO Hunter/ESE, Inc.

INQUIRED BY: (NAME/ORGANIZATION/DATE/TIME) VIA: REC'D BY (NAME/ORGANIZATION/DATE/TIME)

1 Kimper DeMott / Hunter Services 7-10-89 Fed Ex Hunter/ESE 7/14/89 0940

2

3

AMPLER: MORE SAMPLES TO BE SHIPPED? YES IF YES, ANTICIPATED # 5 TO SHIP ON 7/13/89
AMPLE CUSTODIAN: Custody Seals Intact? --- Samples Iced? --- Preservations Audited? --- Problems? ---

SS = 250 ml jar, collect 2 per site
SV = 60 ml jar, collect 1 per site

000046

unter/ESE, Inc. 05-25-89
PROJECT NUMBER 99003-

*** FIELD LOGSHEET ***
PROJECT NAME: PLANT 78 SOILS

FIELD GROUP: P782-S
LAB COORD. ANGELA BURCH

#	SITE/STA HAZ?	FRACTIONS(CIRCIE)	DATE	TIME	PARAMETER LIST
*1	E519B1-1	SS (SV) SV	6/2/89	1052	P782-S
*2	E519B1-2	SS SS SV	6/2/89	1104	P782-S
*3	E519B1-3	SS (SV) SV	6/2/89	1200	P782-S
*4	E519B1-4	SS SS SV			P782-S
*5	E519B1-5	SS SS SV			P782-S
*6	E516B1-1	SS SS SV			P782-S
*7	E516B1-2	SS SS SV			P782-S
*8	E516B1-3	SS SS SV			P782-S
*9	E516B1-4	SS SS SV			P782-S
*10	E516B1-5	SS SS SV			P782-S
*11	DUP	SS SS SV			P732-S

TE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
- CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
- HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN
- PLEASE RETURN COMPLETED LOGSHEETS WITH SAMPLES TO Hunter/ESE, Inc.

INQUIRED BY: (NAME/ORGANIZATION/DATE/TIME) VIA: REC'D BY (NAME/ORGANIZATION/DATE/TIME)

1 *A. Davis* / Hunter Services Inc / 6-5-89 / 1035 *Kim M. / Hunter/ESE 6/6/89 0800*

3
MPLER: MORE SAMPLES TO BE SHIPPED? ☒ IF YES, ANTICIPATED # 2 TO SHIP ON 6/7/89
MPLER CUSTODIAN: Custody Seals Intact? ☒ Samples Iced? ☒ Preservations Audited? ☒ Problems? ☒

SS = 250 ml jar, collect 2 per site
SV = 60 ml jar, collect 1 per site

000047

Lylo Carter

Hunter/ESE, Inc. 05-25-89 *** FIELD LOGSHEET *** FIELD GROUP: P782-S
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

SITE/STA HAZ? FRACTIONS(CIRCLE) DATE TIME PARAMETER LIST
14 TRPBLK (V)(V)(V)(V)(V) P782-W

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN COMPLETED LOGSHEETS WITH SAMPLES TO Hunter/ESE, Inc.

INQUIRED BY (NAME/ORGANIZATION/LATE/TIME) VIA: REC'D BY (NAME/ORGANIZATION/DATE/TIME)
1 *Steve Gans/Hunter Services* 7-27-89/11.13 *Kim M. Holt Hunter/ESE* 7/28/89 0900
2
3

SAMPLE: MORE SAMPLES TO BE SHIPPED? *No* IF YES, ANTICIPATED # --- TO SHIP ON ---
SAMPLE CUSTODIAN: Custody Seals Intact? --- Samples Iced? --- Preservations Audited? --- Problems? ---

000048

Quality Control Summary Sheets

QUALITY CONTROL SUMMARY FOR PLANT 78 WATER SAMPLES
Method Blank Sample Summary

11/17/89

Hunter/EST. INC.

107049

NAME	UNITS	STOR-METH	BATCH	SAMPLE	DATE	FOUND	FOOTNOTE
HYDROCARBONS, PETROL., TOT	UG/L	99388*DIR	D1043	MB*BLK*12	08/08/89	0.025	
MERCURY, DISS.	MG/L	97541*ACVA	D1028	MB*BLK*27	08/01/89	0.0	
MERCURY, TOTAL	MG/L	71900*ADCV		MB*BLK*27		0.0	
ALUMINUM, DISS	MG/L	97740*AI	D1035	MB*BLK*35	08/02/89	0.0	
ANTIMONY, DISS	MG/L	97741*AI		MB*BLK*35		0.0	
ARSENIC, DISS	MG/L	67536*AI		MB*BLK*35		0.0	
BARIUM, DISS	MG/L	1005*ADICP		MB*BLK*35		0.0	
BERYLLIUM, DISS	MG/L	97742*AI		MB*BLK*35		0.0	
CADMIUM, DISS	MG/L	97538*AI		MB*BLK*35		0.0	
CALCIUM, DISS.	MG/L	915*ICAP		MB*BLK*35		0.0	
CHROMIUM, DISS	MG/L	97539*AI		MB*BLK*35		0.0	
COBALT, DISS	MG/L	97743*AI		MB*BLK*35		0.0	
COPPER, DISS	MG/L	97744*AI		MB*BLK*35		0.0	
IRON, DISS	MG/L	97745*AI		MB*BLK*35		0.0	
LEAD, DISS	MG/L	1049*AI		MB*BLK*35		0.0	
MAGNESIUM, DISS	MG/L	925*DICAP		MB*BLK*35		0.0	
MANGANESE, DISS	MG/L	97746*AI		MB*BLK*35		0.0	
MOLYBDENUM, DISS	MG/L	97747*AI		MB*BLK*35		0.0	
NICKEL, DISS	MG/L	97748*AI		MB*BLK*35		0.0	
POTASSIUM, DISS	MG/L	935*AI		MB*BLK*35		0.0	
SELENIUM, DISS	MG/L	97542*AI		MB*BLK*35		0.0	
SILVER, DISS	MG/L	97543*AI		MB*BLK*35		0.0	
SODIUM, DISS.	MG/L	930*AI		MB*BLK*35		0.0	
THALLIUM, DISS	MG/L	97751*AI		MB*BLK*35		0.0	
VANADIUM, DISS	MG/L	97752*AI		MB*BLK*35		0.0	
ZINC, DISS	MG/L	97753*AI		MB*BLK*35		0.0	
ALUMINUM, TOTAL	MG/L	97514*ADICP		MB*BLK*35		0.0	
ANTIMONY, TOTAL	MG/L	97515*ADICP		MB*BLK*35		0.0	
ARSENIC, TOTAL	MG/L	97632*ADICP		MB*BLK*35		0.0	
BARIUM, TOTAL	MG/L	97516*ADICP		MB*BLK*35		0.0	
BERYLLIUM, TOTAL	MG/L	97517*ADICP		MB*BLK*35		0.0	
CADMIUM, TOTAL	MG/L	97519*ADICP		MB*BLK*35		0.0	
CALCIUM, TOTAL	MG/L	916*ADICP		MB*BLK*35		0.0	
CHROMIUM, TOTAL	MG/L	97521*ADICP		MB*BLK*35		0.0	
COBALT, TOTAL	MG/L	97522*ADICP		MB*BLK*35		0.0	
COPPER, TOTAL	MG/L	97523*ADICP		MB*BLK*35		0.0	
IRON, TOTAL	MG/L	97524*ADICP		MB*BLK*35		0.0	
LEAD, TOTAL	MG/L	97633*ADICP		MB*BLK*35		0.0	
MAGNESIUM, TOTAL	MG/L	927*ADICP		MB*BLK*35		0.0	
MANGANESE, TOTAL	MG/L	97525*ADICP		MB*BLK*35		0.0	
MOLYBDENUM, TOTAL	MG/L	97526*ADICP		MB*BLK*35		0.0	
NICKEL, TOTAL	MG/L	97527*ADICP		MB*BLK*35		0.0	
POTASSIUM, TOTAL	MG/L	937*ADICP		MB*BLK*35		0.0	
SELENIUM, TOTAL	MG/L	97635*ADICP		MB*BLK*35		0.0	
SILVER, TOTAL	MG/L	97528*ADICP		MB*BLK*35		0.0	
SODIUM, TOTAL	MG/L	929*ADICP		MB*BLK*35		0.0	
THALLIUM, TOTAL	MG/L	97636*ADICP		MB*BLK*35		0.0	
ZINC, TOTAL	MG/L	97529*ADICP		MB*BLK*35		0.0	
1,1,1,2-TETRACHLORETHANE	UG/L	97530*ADICP		MB*BLK*35	08/07/89	0.0	
1,1,1-TRICHLORETHANE	UG/L	77562*HA	D1040	MB*VBLK*64		0.018	
1,1,2,2-TETRACHLOROETHANE	UG/L	34506*HA		MB*VBLK*64		0.056	
1,1,2-TRICHLORETHANE	UG/L	34516*HA		MB*VBLK*64		0.192	
1,1-DICHLOROETHANE	UG/L	34511*HA		MB*VBLK*64		0.156	
1,1-DICHLOROETHYLENE	UG/L	34496*HA		MB*VBLK*64		0.148	
1,2-DICHLOROETHYLENE	UG/L	34501*HA		MB*VBLK*64		0.082	
1,2-DICHLOROETHANE	UG/L	34531*HA		MB*VBLK*64		0.0	

11/17/89
 Hunter/ES, INC.
 QUALITY CONTROL SUMMARY FOR PLANT 78 WATER SAMPLES
 Method Blank Sample Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	FOUND	FOOTNOTE
1,2-DICHLOROPROPANE	UG/L	34541*HA	D1040	MB*VBLK*64	08/07/89	0.027	
1-CHLOROHEXANE	UG/L	97761*HA		MB*VBLK*64		0.0	
2-CHLOROETHYL VINYL ETHER	UG/L	34576*HA		MB*VBLK*64		0.199	
BROMODICHLOROMETHANE	UG/L	32101*HA		MB*VBLK*64		0.046	
BROMOFORM	UG/L	32104*HA		MB*VBLK*64		0.018	
BROMOMETHANE	UG/L	34413*HA		MB*VBLK*64		0.418	
CARBON TETRACHLORIDE	UG/L	32102*HA		MB*VBLK*64		0.068	
CHLOROETHANE	UG/L	34311*HA		MB*VBLK*64		0.362	
CHLOROFORM	UG/L	32106*HA		MB*VBLK*64		0.070	
CHLOROMETHANE	UG/L	34418*HA		MB*VBLK*64		0.428	
CIS-1,3-DICHLORO PROPENE	UG/L	34704*HA		MB*VBLK*64		0.156	
DIBROMOCHLOROMETHANE	UG/L	32105*HA		MB*VBLK*64		0.156	
DIBROMOMETHANE	UG/L	81522*HA		MB*VBLK*64		0.060	
DICHLORODIFLUORO METHANE	UG/L	34668*HA		MB*VBLK*64		0.334	
METHYLENE CHLORIDE	UG/L	34423*HA		MB*VBLK*64		0.095	
TETRACHLOROETHENE	UG/L	34475*HA		MB*VBLK*64		0.192	
TRANS-1,2-DICHLORO ETHENE	UG/L	34546*HA		MB*VBLK*64		0.129	
TRANS-1,3-DICHLORO PROPENE	UG/L	34699*HA		MB*VBLK*64		0.038	
TRICHL' FLUOROMETHANE	UG/L	34488*HA		MB*VBLK*64		0.467	
TRICHLOROETHENE	UG/L	39180*HA		MB*VBLK*64		0.054	
TRICHLOROPROPANE	UG/L	97758*HA		MB*VBLK*64		0.13	
VINYL CHLORIDE	UG/L	39175*HA		MB*VBLK*64		0.334	
BENZENE	UG/L	34030*PI		MB*VBLK*64		0.0	
BROMOBENZENE	UG/L	99634*PI		MB*VBLK*64		0.0	
CHLOROBENZENE	UG/L	34301*PI		MB*VBLK*64		0.012	
DICHLOROBENZENE, TOT.	UG/L	81524*PI		MB*VBLK*64		0.0	
ETHYLBENZENE	UG/L	34371*PI		MB*VBLK*64		0.005	
TOLUENE	UG/L	34010*PI		MB*VBLK*64		0.0	
XYLENES, TOTAL	UG/L	81551*PI		MB*VBLK*64		0.0	
1,2,4,5-TETRACHLOROBENZENE	UG/L	97710*ADMS	D1082	MB*SBLK*29	08/04/89	0.0	
1,2,4-TRICHL' BENZENE	UG/L	34551*ADMS		MB*SBLK*29		0.0	
1,2-DICHLOROBENZENE	UG/L	34536*ADMS		MB*SBLK*29		0.0	
1,2-DIPHEN'HYDRAZINE	UG/L	34346*ADMS		MB*SBLK*29		0.0	
1,3-DICHLOROBENZENE	UG/L	34566*ADMS		MB*SBLK*29		0.0	
1,4-DICHLOROBENZENE	UG/L	34571*ADMS		MB*SBLK*29		0.0	
1-CHLORONAPHTHALENE	UG/L	97694*ADMS		MB*SBLK*29		0.0	
1-NAPHTHYLAMINE	UG/L	97702*ADMS		MB*SBLK*29		0.0	
2,3,4,6 TETRACL' PHENOL	UG/L	97209*ADMS		MB*SBLK*29		0.0	
2,4,5-TRICHL' PHENOL	UG/L	77687*ADMS		MB*SBLK*29		0.0	
2,4,6-TRICHL' PHENOL	UG/L	34621*ADMS		MB*SBLK*29		0.0	
2,4-DICHLOROPHENOL	UG/L	34601*ADMS		MB*SBLK*29		0.0	
2,4-DIMETHYLPHENOL	UG/L	34606*ADMS		MB*SBLK*29		0.0	
2,4-DINITROPHENOL	UG/L	34616*ADMS		MB*SBLK*29		0.0	
2,4-DINITROTOLUENE	UG/L	34611*ADMS		MB*SBLK*29		0.0	
2,6-DICHLOROPHENOL	UG/L	77541*ADMS		MB*SBLK*29		0.0	
2,6-DINITROTOLUENE	UG/L	34626*ADMS		MB*SBLK*29		0.0	
2-CHLORONAPHTHALENE	UG/L	34581*ADMS		MB*SBLK*29		0.0	
2-CHLOROPHENOL	UG/L	34586*ADMS		MB*SBLK*29		0.0	
2-METHYLNAPHTHALENE	UG/L	77416*ADMS		MB*SBLK*29		0.0	
2-METHYL PHENOL	UG/L	99073*ADMS		MB*SBLK*29		0.0	
2-NAPHTHYLAMINE	UG/L	97703*ADMS		MB*SBLK*29		0.0	
2-NITROANILINE	UG/L	99077*ADMS		MB*SBLK*29		0.0	
2-NITROPHENOL	UG/L	34591*ADMS		MB*SBLK*29		0.0	
2-PICOLINE	UG/L	97708*ADMS		MB*SBLK*29		0.0	
3,3'-DICHL' BENZIDINE	UG/L	34631*ADMS		MB*SBLK*29		0.0	

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Hunter/ESE, INC.
QUALITY CONTROL SUMMARY FOR PLANT 78 WATER SAMPLES
Method Blank Sample Summary

11/17/89

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	FOUND	FOOTNOTE
3-METHYLCHOLANTHRENE	UG/L	97700*ADMS		MB*SBLK*29		0.0	
3-NITROANILINE	UG/L	99078*ADMS	D1082	MB*SBLK*29	08/04/89	0.0	
4,6-DINITRO-2-METHYLPHENOL	UG/L	97711*ADMS		MB*SBLK*29		0.0	
4-AMINOBI PHENOL	UG/L	97693*ADMS		MB*SBLK*29		0.0	
4-BROMOPHENYLPHENYL ETHER	UG/L	34636*ADMS		MB*SBLK*29		0.0	
4-CHLORO-3-METHYL PHENOL	UG/L	34452*ADMS		MB*SBLK*29		0.0	
4-CHLOROANILINE	UG/L	99075*ADMS		MB*SBLK*29		0.0	
4-CHLOROPHENYLPHENYL ETHER	UG/L	34641*ADMS		MB*SBLK*29		0.0	
4-METHYL PHENOL	UG/L	99074*ADMS		MB*SBLK*29		0.0	
4-NITROANILINE	UG/L	99079*ADMS		MB*SBLK*29		0.0	
4-NITROPHENOL	UG/L	34646*ADMS		MB*SBLK*29		0.0	
7,12-DIMETHYLBENZ(A)ANTHRACENE	UG/L	97697*ADMS		MB*SBLK*29		0.0	
A-A-DIMETHYLPHENETHYLAMINE	UG/L	97698*ADMS		MB*SBLK*29		0.0	
ACENAPHTHENE	UG/L	34205*ADMS		MB*SBLK*29		0.0	
ACENAPHTHYLENE	UG/L	34200*ADMS		MB*SBLK*29		0.0	
ACETOPHENONE	UG/L	81553*ADMS		MB*SBLK*29		0.0	
ANILINE	UG/L	77089*ADMS		MB*SBLK*29		0.0	
ANTHRACENE	UG/L	34220*ADMS		MB*SBLK*29		0.0	
BENZIDINE	UG/L	39120*ADMS		MB*SBLK*29		0.0	
BENZO(A)ANTHRACENE	UG/L	34526*ADMS		MB*SBLK*29		0.0	
BENZO(A)PYRENE	UG/L	34247*ADMS		MB*SBLK*29		0.0	
BENZO(B)FLUORANTHENE	UG/L	34230*ADMS		MB*SBLK*29		0.0	
BENZO(GH)PERYLENE	UG/L	34521*ADMS		MB*SBLK*29		0.0	
BENZO(K)FLUORANTHENE	UG/L	34242*ADMS		MB*SBLK*29		0.0	
BENZOIC ACID	UG/L	77247*ADMS		MB*SBLK*29		0.0	
BENZYL ALCOHOL	UG/L	77147*ADMS		MB*SBLK*29		0.0	
BIS(2-CHL'ISOPROPYL) ETHER	UG/L	34283*ADMS		MB*SBLK*29		0.0	
BIS(2-CHLOROETHOXY) METHANE	UG/L	34278*ADMS		MB*SBLK*29		0.0	
BIS(2-CHLOROETHYL) ETHER	UG/L	34273*ADMS		MB*SBLK*29		0.0	
BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	39100*ADMS		MB*SBLK*29		0.0	
BUTYLBENZYLPHTHALATE	UG/L	34292*ADMS		MB*SBLK*29		0.0	
CHRYSENE	UG/L	34320*ADMS		MB*SBLK*29		0.0	
DI-N-BUTYLPHTHALATE	UG/L	39110*ADMS		MB*SBLK*29		0.0	
DI-N-OCTYLPHTHALATE	UG/L	34596*ADMS		MB*SBLK*29		0.0	
DIBEN' (A,H)ANTH' CENE	UG/L	34556*ADMS		MB*SBLK*29		0.0	
DIBENZ(A,J)ACRIDINE	UG/L	97695*ADMS		MB*SBLK*29		0.0	
DIBENZOFURAN	UG/L	81302*ADMS		MB*SBLK*29		0.0	
DIETHYLPHTHALATE	UG/L	34336*ADMS		MB*SBLK*29		0.0	
DIPHENYLAMINE	UG/L	34341*ADMS		MB*SBLK*29		0.0	
ETHYL METHANESULFONATE	UG/L	77579*ADMS		MB*SBLK*29		0.0	
FLUORANTHENE	UG/L	97699*ADMS		MB*SBLK*29		0.0	
FLUORENE	UG/L	34376*ADMS		MB*SBLK*29		0.0	
HEXACHLOROBENZENE	UG/L	34381*ADMS		MB*SBLK*29		0.0	
HEXACHLOROBUTADIENE	UG/L	39700*ADMS		MB*SBLK*29		0.0	
HEXACHLOROCYCLOPENTADIENE	UG/L	34391*ADMS		MB*SBLK*29		0.0	
HEXACHLOROETHANE	UG/L	34386*ADMS		MB*SBLK*29		0.0	
INDENO(1,2,3-CD) PYRENE	UG/L	34396*ADMS		MB*SBLK*29		0.0	
ISOPHORONE	UG/L	34403*ADMS		MB*SBLK*29		0.0	
METHYL METHANESULFONATE	UG/L	34408*ADMS		MB*SBLK*29		0.0	
N-NITROSO-DI-N-BUTYLAMINE	UG/L	97701*ADMS		MB*SBLK*29		0.0	
N-NITROSODI-N-PROPYLAMINE	UG/L	97715*ADMS		MB*SBLK*29		0.0	
N-NITROSODIMET'AMINE	UG/L	34428*ADMS		MB*SBLK*29		0.0	
N-NITROSODIPHE'AMINE	UG/L	34438*ADMS		MB*SBLK*29		0.0	
N-NITROSOPIPERIDINE	UG/L	34433*ADMS		MB*SBLK*29		0.0	
	UG/L	97704*ADMS		MB*SBLK*29		0.0	

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Hunter/ESE, INC.
QUALITY CONTROL SUMMARY FOR PLANT 78 WATER SAMPLES
Method Blank Sample Summary

11/17/89

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	FOUND	FOOTNOTE
NAPHTHALENE	UG/L	34696*ADMS		MB*SBLK*29		0.0	
NITROBENZENE	UG/L	34447*ADMS		MB*SBLK*29		0.0	
P-DIMETHYLA MINOAZOBENZENE	UG/L	97696*ADMS	D1082	MB*SBLK*29	08/04/89	0.0	
PENTACHLOROBENZENE	UG/L	97705*ADMS		MB*SBLK*29		0.0	
PENTACHLORONITROBENZENE	UG/L	97706*ADMS		MB*SBLK*29		0.0	
PENTACHLOROPHENOL	UG/L	39032*ADMS		MB*SBLK*29		0.0	
PHENACETIN	UG/L	97707*ADMS		MB*SBLK*29		0.0	
PHENANTHRENE	UG/L	34461*ADMS		MB*SBLK*29		0.0	
PHENOL	UG/L	34694*ADMS		MB*SBLK*29		0.0	
PRONAMIDE	UG/L	97709*ADMS		MB*SBLK*29		0.0	
PYRENE	UG/L	34469*ADMS		MB*SBLK*29		0.0	

11/17/89
 Hunter/ESL, INC.
 QUALITY CONTROL SUMMARY FOR PLANT 78 WATER SAMPLES
 Standard Matrix Spike Recovery and Replicate Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%REC	REC	CRIT	R.P.D.	R.P.D.	CRIT.	FOOTNOTE
HYDROCARBONS, PETROL., TOT	UG/L	99388*DIR	D1043	SPI*IBLK*12	08/08/89	0.025	4.34	3.92	90.3	64-92		14			
HYDROCARBONS, PETROL., TOT	UG/L			SPI*IBLK*12		0.025	4.34	3.74	86.2	64-92		4.65			
MERCURY, DISS.	MG/L	97541*ACVA	D1028	SPI*IBLK*27	08/01/89	0.0	0.0020	0.0023	115	75-125		25			
ALUMINUM, DISS.	MG/L	97740*AI	D1035	SPI*IBLK*35	08/02/89	0.0	1.00	0.977	97.7	75-125		25			
ANTIMONY, DISS.	MG/L	97741*AI		SPI*IBLK*35		0.0	2.00	1.95	97.5	75-125		25			
ARSENIC, DISS.	MG/L	67536*AI		SPI*IBLK*35		0.0	2	2	100	75-125		25			
BARIUM, DISS.	MG/L	1005*ADICP		SPI*IBLK*35		0.0	1.0	1.0	100	85-115		15			
BERYLLIUM, DISS.	MG/L	97742*AI		SPI*IBLK*35		0.0	1.00	1.00	100	75-125		25			
CADMIUM, DISS.	MG/L	97538*AI		SPI*IBLK*35		0.0	1.00	0.988	98.8	75-125		25			
CALCIUM, DISS.	MG/L	915*ICAP		SPI*IBLK*35		0.0	2.00	2.14	107	75-125		25			
CHROMIUM, DISS.	MG/L	97539*AI		SPI*IBLK*35		0.0	1.00	0.994	99.4	75-125		25			
COBALT, DISS.	MG/L	97743*AI		SPI*IBLK*35		0.0	1.00	1.02	102	75-125		25			
COPPER, DISS.	MG/L	97744*AI		SPI*IBLK*35		0.0	1.00	1.02	102	75-125		25			
IRON, DISS.	MG/L	97745*AI		SPI*IBLK*35		0.0	1.00	1.05	105	75-125		25			
LEAD, DISS.	MG/L	1049*AI		SPI*IBLK*35		0.0	1.0	1.0	100	80-120		20			
MAGNESIUM, DISS.	MG/L	925*DI		SPI*IBLK*35		0.0	1.00	1.02	102	85-115		15			
MANGANESE, DISS.	MG/L	97746*AI		SPI*IBLK*35		0.0	1.00	0.992	99.2	75-125		25			
MOLYBDENUM, DISS.	MG/L	97747*AI		SPI*IBLK*35		0.0	1.0	1.0	100	80-120		20			
NICKEL, DISS.	MG/L	97748*AI		SPI*IBLK*35		0.0	1.00	0.997	99.7	75-125		25			
POTASSIUM, DISS.	MG/L	935*AI		SPI*IBLK*35		0.0	2.00	1.84	92.0	80-120		20			
SELENIUM, DISS.	MG/L	97542*AI		SPI*IBLK*35		0.0	2.0	2.0	100	75-125		25			
SILVER, DISS.	MG/L	97543*AI		SPI*IBLK*35		0.0	2.00	2.15	108	75-125		25			
SODIUM, DISS.	MG/L	930*AI		SPI*IBLK*35		0.0	2.0	1.6	80.0	80-120		20			
THALLIUM, DISS.	MG/L	97751*AI		SPI*IBLK*35		0.0	1.00	1.00	100	75-125		25			
VANADIUM, DISS.	MG/L	97752*AI		SPI*IBLK*35		0.0	1.00	0.982	98.2	75-125		25			
ZINC, DISS.	MG/L	97753*AI		SPI*IBLK*35		0.0	1.00	0.977	97.7	75-125		25			
ALUMINUM, TOTAL	MG/L	97514*ADICP		SPI*IBLK*35		0.0	2.00	1.95	97.5	75-125		25			
ANTIMONY, TOTAL	MG/L	97515*ADICP		SPI*IBLK*35		0.0	2.0	2.0	100	75-125		25			
ARSENIC, TOTAL	MG/L	97632*ADICP		SPI*IBLK*35		0.0	2.0	2.0	100	75-125		25			
BARIUM, TOTAL	MG/L	97516*ADICP		SPI*IBLK*35		0.0	1.00	1.03	103	75-125		25			
BERYLLIUM, TOTAL	MG/L	97517*ADICP		SPI*IBLK*35		0.0	1.00	1.00	100	75-125		25			
CADMIUM, TOTAL	MG/L	97519*ADICP		SPI*IBLK*35		0.0	1.00	0.988	98.8	75-125		25			
CALCIUM, TOTAL	MG/L	916*ADICP		SPI*IBLK*35		0.0	2.00	2.14	107	75-125		25			
CHROMIUM, TOTAL	MG/L	97521*ADICP		SPI*IBLK*35		0.0	1.00	0.994	99.4	75-125		25			
COBALT, TOTAL	MG/L	97522*ADICP		SPI*IBLK*35		0.0	1.00	1.02	102	75-125		25			
COPPER, TOTAL	MG/L	97523*ADICP		SPI*IBLK*35		0.0	1.00	1.02	102	75-125		25			
IRON, TOTAL	MG/L	97524*ADICP		SPI*IBLK*35		0.0	1.00	1.05	105	75-125		25			
LEAD, TOTAL	MG/L	927*ADICP		SPI*IBLK*35		0.0	1.00	0.970	97.0	75-125		25			
MAGNESIUM, TOTAL	MG/L	97525*ADICP		SPI*IBLK*35		0.0	1.00	1.02	102	75-125		25			
MANGANESE, TOTAL	MG/L	97526*ADICP		SPI*IBLK*35		0.0	1.00	0.992	99.2	75-125		25			
MOLYBDENUM, TOTAL	MG/L	97527*ADICP		SPI*IBLK*35		0.0	1.00	0.998	99.8	75-125		25			
NICKEL, TOTAL	MG/L	97528*ADICP		SPI*IBLK*35		0.0	1.00	0.997	99.7	75-125		25			
POTASSIUM, TOTAL	MG/L	937*ADICP		SPI*IBLK*35		0.0	2.00	1.84	92.0	75-125		25			
SELENIUM, TOTAL	MG/L	97635*ADICP		SPI*IBLK*35		0.0	2.0	2.0	100	75-125		25			
SILVER, TOTAL	MG/L	97528*ADICP		SPI*IBLK*35		0.0	2.00	0.986	98.6	75-125		25			
SODIUM, TOTAL	MG/L	929*ADICP		SPI*IBLK*35		0.0	2.00	2.15	108	75-125		25			
THALLIUM, TOTAL	MG/L	97636*ADICP		SPI*IBLK*35		0.0	2.0	1.6	80.0	75-125		25			
VANADIUM, TOTAL	MG/L	97529*ADICP		SPI*IBLK*35		0.0	1.00	1.00	100	75-125		25			
ZINC, TOTAL	MG/L	97530*ADICP		SPI*IBLK*35		0.0	1.00	0.982	98.2	75-125		25			
1,2,4-TRICHLOROBENZENE	UG/L	34551*ADMS		SPI*IBLK*29		0.52	100	71	71	39-98		28			
1,4-DICHLOROBENZENE	UG/L	34571*ADMS		SPI*IBLK*29		0.24	100	69	69	36-97		28			

11/17/89

Hunter/ESE, INC.

QUALITY CONTROL SUMMARY FOR PLANT 78 WATER SAMPLES
Standard Matrix Spike Recovery and Replicate Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%REC	RECV	CRIT	R.P.D.	R.P.D. CRIT.	FOOTNOTE
2,4-DINI TROTOLUENE	UG/L	34611*ADMS		SPI*SBLK*29		2.4	100	74	74	24-96		38		
2-CHLOROPHENOL	UG/L	34586*ADMS		SPI*SBLK*29		0.28	200	160	80	27-123		40		
4-CHLORO-3-METHYL	UG/L	34452*ADMS		SPI*SBLK*29		0.96	200	170	85	23-97		42		
4-NITROPHENOL	UG/L	34646*ADMS		SPI*SBLK*29		3.8	200	83	42	10-80		50		
ACENAPHTHENE	UG/L	34205*ADMS		SPI*SBLK*29		0.36	100	85	85	46-118		31		
N-NITROSODI-N-PROPYLAMINE	UG/L	34428*ADMS		SPI*SBLK*29		1.4	100	73	73	41-116		38		
PENTACHLOROPHENOL	UG/L	39032*ADMS		SPI*SBLK*29		1.8	200	140	70	9-103		50		
PHENOL	UG/L	34694*ADMS		SPI*SBLK*29		1.0	200	100	50	11.5-88.5		42		
PYRENE	UG/L	34469*ADMS		SPI*SBLK*29		1.7	100	82	82	26-127		31		

11/17/89

Hunter/ESL, INC.

QUALITY CONTROL SUMMARY FOR PLANT 78 WATER SAMPLES
Sample Matrix Spike Recovery Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%RECV	RECV CRIT	UNSPKED	R.P.D.	R.P.D. CRIT.	FOOTNOTE
MERCURY, DISS.	MG/L	97541*ACVA	D1028	SPM1*P782-W*1	08/01/89	0.0	0.0020	0.0022	110	75-125	0.00006	25		
MERCURY, DISS.	MG/L			SPM2*P782-W*1		0.0	0.0020	0.0022	113	75-125	0.00006	0.889	25	
ALUMINUM, DISS	MG/L	97740*ACIP	D1035	SPM1*P782-W*4	08/02/89	0.0	1.00	0.860	86.0	75-125	0.0	25		
ALUMINUM, DISS	MG/L			SPM2*P782-W*4		0.0	1.00	0.879	87.9	75-125	0.0	2.19	25	
ANTIMONY, DISS	MG/L	97741*ACIP		SPM1*P782-W*4		0.0	2.00	1.85	92.5	75-125	0.0	25		
ANTIMONY, DISS	MG/L			SPM2*P782-W*4		0.0	2.00	1.85	92.5	75-125	0.0	0.0	25	
ARSENIC, DISS	MG/L	67536*ACIP		SPM1*P782-W*4		0.0	2	2	90	75-125	0.0	25		
ARSENIC, DISS	MG/L			SPM2*P782-W*4		0.0	2	2	90	75-125	0.0	10	25	
BARIUM, DISS	MG/L	1005*ADICP		SPM1*P782-W*4		0.0	1.0	1.0	93.4	85-115	0.02	15		
BARIUM, DISS	MG/L			SPM2*P782-W*4		0.0	1.0	1.0	95.1	85-115	0.02	3.0	15	
BERYLLIUM, DISS	MG/L	97742*ACIP		SPM1*P782-W*4		0.0	1.00	0.927	92.7	75-125	0.0	25		
BERYLLIUM, DISS	MG/L			SPM2*P782-W*4		0.0	1.00	0.929	92.9	75-125	0.0	0.216	25	
CADMIUM, DISS	MG/L	97538*ACIP		SPM1*P782-W*4		0.0	1.00	0.909	90.9	75-125	0.0	25		
CADMIUM, DISS	MG/L			SPM2*P782-W*4		0.0	1.00	0.922	92.2	75-125	0.0	1.42	25	
CALCIUM, DISS.	MG/L	915*ICAP		SPM1*P782-W*4		0.0	2.00	1.40	70.0	75-125	54.1	25		
CALCIUM, DISS.	MG/L			SPM2*P782-W*4		0.0	2.00	1.90	95.0	75-125	54.1	30.3	25	
CHROMIUM, DISS	MG/L	97539*ACIP		SPM1*P782-W*4		0.0	1.00	0.884	88.4	75-125	0.0380	25		
CHROMIUM, DISS	MG/L			SPM2*P782-W*4		0.0	1.00	0.893	89.3	75-125	0.0380	1.01	25	
COBALT, DISS	MG/L	97743*ACIP		SPM1*P782-W*4		0.0	1.00	0.899	89.9	75-125	0.0	25		
COBALT, DISS	MG/L			SPM2*P782-W*4		0.0	1.00	0.923	92.3	75-125	0.0	2.63	25	
COPPER, DISS	MG/L	97744*ACIP		SPM1*P782-W*4		0.0	1.00	0.866	86.6	75-125	0.0	25		
COPPER, DISS	MG/L			SPM2*P782-W*4		0.0	1.00	0.882	88.2	75-125	0.0	1.83	25	
IRON, DISS	MG/L	97745*ACIP		SPM1*P782-W*4		0.0	1.00	0.912	91.2	75-125	0.0410	25		
IRON, DISS	MG/L			SPM2*P782-W*4		0.0	1.00	0.914	91.4	75-125	0.0410	0.219	25	
LEAD, DISS	MG/L	1049*ACIP		SPM1*P782-W*4		0.0	1.0	0.9	89.3	80-120	0.0	20		
LEAD, DISS	MG/L			SPM2*P782-W*4		0.0	1.0	0.9	91.3	80-120	0.0	1.4	20	
MAGNESIUM, DISS	MG/L	925*DICAP		SPM1*P782-W*4		0.0	1.00	0.700	70.0	85-115	22.1	15		
MAGNESIUM, DISS	MG/L			SPM2*P782-W*4		0.0	1.00	0.900	90.0	85-115	22.1	25.0	15	
MANGANESE, DISS	MG/L	97746*ACIP		SPM1*P782-W*4		0.0	1.00	0.878	87.8	75-125	0.0120	25		
MANGANESE, DISS	MG/L			SPM2*P782-W*4		0.0	1.00	0.886	88.6	75-125	0.0120	0.907	25	
MOLYBDENUM, DISS	MG/L	97747*ACIP		SPM1*P782-W*4		0.0	1.0	0.9	92.3	80-120	0.0	20		
MOLYBDENUM, DISS	MG/L			SPM2*P782-W*4		0.0	1.0	0.9	93.4	80-120	0.0	3.7	20	
NICKEL, DISS	MG/L	97748*ACIP		SPM1*P782-W*4		0.0	1.00	0.904	90.4	75-125	0.0130	25		
NICKEL, DISS	MG/L			SPM2*P782-W*4		0.0	1.00	0.916	91.6	75-125	0.0130	1.32	25	
POTASSIUM, DISS	MG/L	935*ACIP		SPM1*P782-W*4		0.0	2.00	1.75	87.5	80-120	6.50	20		
POTASSIUM, DISS	MG/L			SPM2*P782-W*4		0.0	2.00	1.91	95.5	80-120	6.50	8.74	20	
SELENIUM, DISS	MG/L	97542*ACIP		SPM1*P782-W*4		0.0	2.0	1.8	92.0	75-125	0.0	25		
SELENIUM, DISS	MG/L			SPM2*P782-W*4		0.0	2.0	1.9	94.0	75-125	0.0	4.3	25	
SILVER, DISS	MG/L	97543*ACIP		SPM1*P782-W*4		0.0	1.00	0.919	91.9	75-125	0.0	25		
SILVER, DISS	MG/L			SPM2*P782-W*4		0.0	1.00	0.918	91.8	75-125	0.0	0.109	25	
SODIUM, DISS.	MG/L	930*ACIP		SPM1*P782-W*4		0.0	2.00	-2.00	-100	75-125	537	25	7	
SODIUM, DISS.	MG/L			SPM2*P782-W*4		0.0	2.00	0.0	0.0	75-125	537	25	7	
THALLIUM, DISS	MG/L	97751*ACIP		SPM1*P782-W*4		0.0	2.0	1.5	73.0	80-120	0.0	20		
THALLIUM, DISS	MG/L			SPM2*P782-W*4		0.0	2.0	1.5	75.0	80-120	0.0	0.0	20	
VANADIUM, DISS	MG/L	97752*ACIP		SPM1*P782-W*4		0.0	1.00	0.904	90.4	75-125	0.0080	25		
VANADIUM, DISS	MG/L			SPM2*P782-W*4		0.0	1.00	0.907	90.7	75-125	0.0080	0.331	25	
ZINC, DISS	MG/L	97753*ACIP		SPM1*P782-W*4		0.0	1.00	0.911	91.1	75-125	0.0090	25		
ZINC, DISS	MG/L			SPM2*P782-W*4		0.0	1.00	0.916	91.6	75-125	0.0090	0.547	25	
1,1-DICHLOROETHYLENE	UG/L	34501*HA		SPM1*P782-W*4	08/07/89	0.082	1.82	>-121	-6640	28-167	139	30		
1,1-DICHLOROETHYLENE	UG/L	34501*HA	D1040	SPM2*P782-W*4		0.082	1.82	-137	-7550	28-167	139	30		
1,1-DICHLOROETHYLENE	UG/L	39180*HA		SPM1*P782-W*5		0.082	1.82	1.59	87.3	28-167	0.082	30		
1,1-DICHLOROETHYLENE	UG/L			SPM2*P782-W*4		0.054	1.82	>-5370	-29500035-	146	5390	30		
1,1-DICHLOROETHYLENE	UG/L			SPM1*P782-W*4		0.054	1.82	-5380	-29500035-	146	5390	30		
1,1-DICHLOROETHYLENE	UG/L			SPM2*P782-W*5		0.054	1.82	-5380	-29500035-	146	5390	30		

007055

11/17/89

Hunter/ESF, INC.

QUALITY CONTROL SUMMARY FOR PLANT 78 WATER SAMPLES
Sample Matrix Spike Recovery Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%REC	RECV	CRIT	UNSPIKED	R.P.D.	R.P.D. CRIT.	FOOTNOTE
CHLOROBENZENE	UG/L	34301*PI		SPM1*P782-W*4		0.012	1.82	1.89	103	85-115	1.84		15		
TOLUENE	UG/L	34010*PI		SPM1*P782-W*4		0.0	1.82	1.96	108	46-148	0.0		30		
1,2,4-TRICH* BENZENE	UG/L	34551*ADMS		SPM1*P782-W*3		0.52	100	72	72	39-98	0.0		28		
1,2,4-TRICH* BENZENE	UG/L			SPM2*P782-W*3		0.52	100	71	71	39-98	0.0	1.4	28		
1,4-DICHLOROBENZENE	UG/L	34571*ADMS		SPM1*P782-W*3		0.24	100	73	73	36-97	0.0		28		
1,4-DICHLOROBENZENE	UG/L			SPM2*P782-W*3		0.24	100	74	74	36-97	0.0	1.4	28		
2,4-DINITROTOLUENE	UG/L	34611*ADMS		SPM1*P782-W*3		2.4	100	72	72	24-96	0.0		38		
2,4-DINITROTOLUENE	UG/L			SPM2*P782-W*3		2.4	100	72	72	24-96	0.0	0.0	38		
2-CHLOROPHENOL	UG/L	34586*ADMS		SPM1*P782-W*3		0.28	200	160	81	27-123	0.0		40		
2-CHLOROPHENOL	UG/L			SPM2*P782-W*3		0.28	200	160	81	27-123	0.0	1.2	40		
4-CHLORO-3-METHYL	UG/L	34452*ADMS		SPM1*P782-W*3		0.96	200	160	80	23-97	0.0		42		
4-CHLORO-3-METHYL	UG/L			SPM2*P782-W*3		0.96	200	160	80	23-97	0.0	0.0	42		
4-NITROPHENOL	UG/L	34646*ADMS		SPM1*P782-W*3		3.8	200	94	47	10-80	0.0		50		
4-NITROPHENOL	UG/L			SPM2*P782-W*3		3.8	200	95	47	10-80	0.0	0.0	50		
ACENAPHTHENE	UG/L	34205*ADMS		SPM1*P782-W*3		0.36	100	89	89	46-118	0.0		31		
ACENAPHTHENE	UG/L			SPM2*P782-W*3		0.36	100	88	88	46-118	0.0	1.1	31		
N-NITROSODI-N-PROPYLAMINE	UG/L	34428*ADMS		SPM1*P782-W*3		1.4	100	70	70	41-116	0.0		38		
N-NITROSODI-N-PROPYLAMINE	UG/L			SPM2*P782-W*3		1.4	100	70	70	41-116	0.0	0.0	38		
PENTACHLOROPHENOL	UG/L	39032*ADMS		SPM1*P782-W*3		1.8	200	150	73	9-103	0.0		50		
PENTACHLOROPHENOL	UG/L			SPM2*P782-W*3		1.8	200	150	73	9-103	0.0	2.7	50		
PHENOL	UG/L	34694*ADMS		SPM1*P782-W*3		1.0	200	100	50	11.5-88.5	0.0		42		
PHENOL	UG/L			SPM2*P782-W*3		1.0	200	100	51	11.5-88.5	0.0	2.0	42		
PIRENE	UG/L	34469*ADMS		SPM1*P782-W*3		1.7	100	77	77	26-127	0.0		31		
PIRENE	UG/L			SPM2*P782-W*3		1.7	100	79	79	26-127	0.0	2.6	31		

007056

QUALITY CONTROL SUMMARY FOR PLANT 78 WATER SAMPLES
Surrogate Spike Recovery Summary

NAME	UNITS	STOR* METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%REC'D	REC'D CRIT	FOOTNOTE
2,4,6-TRIBROMOPHENOL	UG/L	97446* SUR	D1082	MB*SBLK*29	08/03/89	140	200	140	70	10-123	
2,4,6-TRIBROMOPHENOL	UG/L			SPI*SBLK*29	08/04/89	140	200	140	70	10-123	
2,4,6-TRIBROMOPHENOL	UG/L			SPM1*P782-W*3	08/05/89	140	200	140	70	10-123	
2,4,6-TRIBROMOPHENOL	UG/L			SPM2*P782-W*3		140	200	150	75	10-123	
2,4,6-TRIBROMOPHENOL	UG/L			DA*P782-W*1	08/04/89	140	200	150	75	10-123	
2,4,6-TRIBROMOPHENOL	UG/L			DA*P782-W*2		140	200	130	65	10-123	
2,4,6-TRIBROMOPHENOL	UG/L			DA*P782-W*3		140	200	140	70	10-123	
2,4,6-TRIBROMOPHENOL	UG/L			DA*P782-W*4		140	200	130	65	10-123	
2,4,6-TRIBROMOPHENOL	UG/L			DA*P782-W*5		140	200	140	70	10-123	
2-FLUOROBIPHENYL	UG/L	98321* SUR		MB*SBLK*29	08/03/89	78	100	78	78	43-116	
2-FLUOROBIPHENYL	UG/L			SPI*SBLK*29	08/04/89	78	100	82	82	43-116	
2-FLUOROBIPHENYL	UG/L			SPM1*P782-W*3	08/05/89	78	100	84	84	43-116	
2-FLUOROBIPHENYL	UG/L			SPM2*P782-W*3		78	100	83	83	43-116	
2-FLUOROBIPHENYL	UG/L			DA*P782-W*1	08/04/89	78	100	86	86	43-116	
2-FLUOROBIPHENYL	UG/L			DA*P782-W*2		78	100	82	82	43-116	
2-FLUOROBIPHENYL	UG/L			DA*P782-W*3		78	100	86	86	43-116	
2-FLUOROBIPHENYL	UG/L			DA*P782-W*4		78	100	85	85	43-116	
2-FLUOROBIPHENYL	UG/L			DA*P782-W*5		78	100	85	85	43-116	
2-FLUOROPHENOL	UG/L	98316* SUR		MB*SBLK*29	08/03/89	130	200	130	65	21-100	
2-FLUOROPHENOL	UG/L			SPI*SBLK*29	08/04/89	130	200	130	65	21-100	
2-FLUOROPHENOL	UG/L			SPM1*P782-W*3	08/05/89	130	200	130	65	21-100	
2-FLUOROPHENOL	UG/L			SPM2*P782-W*3		130	200	120	60	21-100	
2-FLUOROPHENOL	UG/L			DA*P782-W*1	08/04/89	130	200	120	60	21-100	
2-FLUOROPHENOL	UG/L			DA*P782-W*2		130	200	110	55	21-100	
2-FLUOROPHENOL	UG/L			DA*P782-W*3		130	200	120	60	21-100	
2-FLUOROPHENOL	UG/L			DA*P782-W*4		130	200	120	60	21-100	
2-FLUOROPHENOL	UG/L			DA*P782-W*5		130	200	120	60	21-100	
NITROBENZENE-D(5)	UG/L	98318* SUR		MB*SBLK*29	08/03/89	72	100	72	72	35-114	
NITROBENZENE-D(5)	UG/L			SPI*SBLK*29	08/04/89	72	100	76	76	35-114	
NITROBENZENE-D(5)	UG/L			SPM1*P782-W*3	08/05/89	72	100	72	72	35-114	
NITROBENZENE-D(5)	UG/L			SPM2*P782-W*3		72	100	72	72	35-114	
NITROBENZENE-D(5)	UG/L			DA*P782-W*1	08/04/89	72	100	72	72	35-114	
NITROBENZENE-D(5)	UG/L			DA*P782-W*2		72	100	62	62	35-114	
NITROBENZENE-D(5)	UG/L			DA*P782-W*3		72	100	69	69	35-114	
NITROBENZENE-D(5)	UG/L			DA*P782-W*4		72	100	67	67	35-114	
NITROBENZENE-D(5)	UG/L			DA*P782-W*5		72	100	67	67	35-114	
PHENOL-D(5)	UG/L	98317* SUR		MB*SBLK*29	08/03/89	130	200	130	65	10-94	
PHENOL-D(5)	UG/L			SPI*SBLK*29	08/04/89	130	200	130	65	10-94	
PHENOL-D(5)	UG/L			SPM1*P782-W*3	08/05/89	130	200	120	60	10-94	
PHENOL-D(5)	UG/L			SPM2*P782-W*3		130	200	120	60	10-94	
PHENOL-D(5)	UG/L			DA*P782-W*1	08/04/89	130	200	120	60	10-94	
PHENOL-D(5)	UG/L			DA*P782-W*2		130	200	100	50	10-94	
PHENOL-D(5)	UG/L			DA*P782-W*3		130	200	110	55	10-94	
PHENOL-D(5)	UG/L			DA*P782-W*4		130	200	120	60	10-94	
PHENOL-D(5)	UG/L			DA*P782-W*5		130	200	120	60	10-94	
TERPHENYL-(014)	UG/L	97447* SUR		MB*SBLK*29	08/03/89	83	100	83	83	33-141	
TERPHENYL-(014)	UG/L			SPI*SBLK*29	08/04/89	83	100	93	93	33-141	
TERPHENYL-(014)	UG/L			SPM1*P782-W*3	08/05/89	83	100	83	83	33-141	
TERPHENYL-(014)	UG/L			SPM2*P782-W*3		83	100	85	85	33-141	
TERPHENYL-(014)	UG/L			DA*P782-W*1	08/04/89	83	100	86	86	33-141	
TERPHENYL-(014)	UG/L			DA*P782-W*2		83	100	82	82	33-141	
TERPHENYL-(014)	UG/L			DA*P782-W*3		83	100	85	85	33-141	
TERPHENYL-(014)	UG/L			DA*P782-W*4		83	100	83	83	33-141	
TERPHENYL-(014)	UG/L			DA*P782-W*5		83	100	84	84	33-141	

11/17/89 Hunter/ESE, INC.
QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES
Method Blank Sample Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	FOUND	FOOTNOTE
HYDROCARBONS,PETROL	MG/KG-DRY	98233*AD	D943	MB*TLK*9	06/21/89	0.0	
HYDROCARBONS,PETROL	MG/KG-DRY		D1006	MB*TLK*10	07/20/89	4.44	
HYDROCARBONS,PETROL	MG/KG-DRY		D1025	MB*TLK*11	07/28/89	4.72	
MERCURY	MG/KG-DRY	71921*ADCV	D926	MB*FLK*14	06/12/89	0.0	
MERCURY	MG/KG-DRY		D968	MB*FLK*19	06/28/89	0.0	
MERCURY	MG/KG-DRY		D1001	MB*FLK*24	07/18/89	0.0001	
MERCURY	MG/KG-DRY		D1016	MB*BLK*50	07/25/89	0.0002	
ALUMINUM, SED	MG/KG-DRY	1108*ADICP	D928	MB*IBLK*18	06/13/89	0.0	
ANTIMONY, SED	MG/KG-DRY	1098*ADICP		MB*IBLK*18	06/13/89	0.0	
ARSENIC, SED	MG/KG-DRY	1003*ADICP		MB*IBLK*18	06/13/89	0.0	
BARIUM, SED	MG/KG-DRY	1008*ADICP		MB*IBLK*18	06/13/89	0.0	
BERYLLIUM, SED	MG/KG-DRY	1013*ADICP		MB*IBLK*18	06/13/89	0.0	
CADMIUM, SED	MG/KG-DRY	1028*ADICP		MB*IBLK*18	06/13/89	0.0	
CALCIUM, SED	MG/KG-DRY	917*ADICP		MB*IBLK*18	06/13/89	0.0	
CHROMIUM, SED	MG/KG-DRY	1029*ADICP		MB*IBLK*18	06/13/89	0.0	
COBALT, SED	MG/KG-DRY	1038*ADICP		MB*IBLK*18	06/13/89	0.0	
COPPER, SED	MG/KG-DRY	1043*ADICP		MB*IBLK*18	06/13/89	0.0	
IRON, SED	MG/KG-DRY	1170*ADICP		MB*IBLK*18	06/13/89	0.0	
LEAD, SED	MG/KG-DRY	1052*ADICP		MB*IBLK*18	06/13/89	0.0	
MAGNESIUM, SED	MG/KG-DRY	924*ADICP		MB*IBLK*18	06/13/89	0.0	
MANGANESE, SED	MG/KG-DRY	1053*ADICP		MB*IBLK*18	06/13/89	0.0	
MOLYBDENUM, SED	MG/KG-DRY	1063*ADICP		MB*IBLK*18	06/13/89	0.0	
NICKEL, SED	MG/KG-DRY	1068*ADICP		MB*IBLK*18	06/13/89	0.0	
POTASSIUM, SED	MG/KG-DRY	938*ADICP		MB*IBLK*18	06/13/89	0.0	
SELENIUM, SED	MG/KG-DRY	1148*ADICP		MB*IBLK*18	06/13/89	0.0	
SILVER, SED	MG/KG-DRY	1078*ADICP		MB*IBLK*18	06/13/89	0.0	
SODIUM, SED	MG/KG-DRY	934*ADICP		MB*IBLK*18	06/13/89	0.0	
THALLIUM, SED	MG/KG-DRY	34480*ADICP		MB*IBLK*18	06/13/89	0.0	
VANADIUM, SED	MG/KG-DRY	1088*ADICP		MB*IBLK*18	06/13/89	0.0	
ZINC, SED	MG/KG-DRY	1093*ADICP		MB*IBLK*18	06/13/89	0.0	
1,1-DICHLOROETHANE	MG/KG-DRY	34499*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
1,1-DICHLOROETHANE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
1,1-DICHLOROETHANE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
1,1-DICHLOROETHANE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
1,1,1,2-TETRACHLOROETHANE	MG/KG-DRY	97042*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
1,1,1,2-TETRACHLOROETHANE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
1,1,1,2-TETRACHLOROETHANE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
1,1,1,2-TETRACHLOROETHANE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
1,1,1-TRICHLOROETHANE	MG/KG-DRY	34509*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
1,1,1-TRICHLOROETHANE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
1,1,1-TRICHLOROETHANE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
1,1,1-TRICHLOROETHANE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
1,1,2,2-TETRACHLOROETHANE	MG/KG-DRY	34519*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
1,1,2,2-TETRACHLOROETHANE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
1,1,2,2-TETRACHLOROETHANE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
1,1,2,2-TETRACHLOROETHANE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
1,1,2-TRICHLOROETHANE	MG/KG-DRY	34514*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
1,1,2-TRICHLOROETHANE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
1,1,2-TRICHLOROETHANE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
1,1,2-TRICHLOROETHANE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
1,1-DICHLOROETHENE	MG/KG-DRY	34504*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
1,1-DICHLOROETHENE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
1,1-DICHLOROETHENE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
1,1-DICHLOROETHENE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
1,2-DICHLOROETHANE	MG/KG-DRY	34544*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
1,2-DICHLOROETHANE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
1,2-DICHLOROETHANE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
1,2-DICHLOROETHANE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
1,2-DICHLOROPROPANE	MG/KG-DRY		D935	MB*VBLK*56	06/13/89	0.0	
1,2-DICHLOROPROPANE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	

Hunter/ESL, INC.
QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES
Method Blank Sample Summary

11/17/89

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	FOUND	FOOTNOTE
1,2-DICHLOROPROPANE	MG/KG-DRY	34544*ADHA	D1007	MB*P78-S*1	07/18/89	0.0	
1,2-DICHLOROPROPANE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
1,2-DICHLOROETHANE	MG/KG-DRY	34534*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
1,2-DICHLOROETHANE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
1,2-DICHLOROETHANE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
1,2-DICHLOROETHANE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
1-CHLOROHEXANE	MG/KG-DRY	97039*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
1-CHLOROHEXANE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
1-CHLOROHEXANE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
1-CHLOROHEXANE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
2-CHLOROETHYL VINYL ETHER	MG/KG-DRY	34579*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
2-CHLOROETHYL VINYL ETHER	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
2-CHLOROETHYL VINYL ETHER	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
2-CHLOROETHYL VINYL ETHER	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
BROMODICHLOROMETHANE	MG/KG-DRY	34330*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
BROMODICHLOROMETHANE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
BROMODICHLOROMETHANE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
BROMODICHLOROMETHANE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
BROMOFORM	MG/KG-DRY	34290*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
BROMOFORM	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
BROMOFORM	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
BROMOFORM	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
CARBON TETRACHLORIDE	MG/KG-DRY	34299*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
CARBON TETRACHLORIDE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
CARBON TETRACHLORIDE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
CARBON TETRACHLORIDE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
CHLOROETHANE	MG/KG-DRY	34314*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
CHLOROETHANE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
CHLOROETHANE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
CHLOROETHANE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
CHLOROFORM	MG/KG-DRY	34318*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
CHLOROFORM	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
CHLOROFORM	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
CHLOROFORM	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
CIS-1,3-DICHLOROPROPENE	MG/KG-DRY	34702*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
CIS-1,3-DICHLOROPROPENE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
CIS-1,3-DICHLOROPROPENE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
CIS-1,3-DICHLOROPROPENE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
DIBROMOCHLOROMETHANE	MG/KG-DRY	34309*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
DIBROMOCHLOROMETHANE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
DIBROMOCHLOROMETHANE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
DIBROMOCHLOROMETHANE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
DIBROMOETHANE	MG/KG-DRY	78756*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
DIBROMOETHANE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
DIBROMOETHANE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
DIBROMOETHANE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
DICHLORODIFLUOROMETHANE	MG/KG-DRY	34334*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
DICHLORODIFLUOROMETHANE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
DICHLORODIFLUOROMETHANE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
DICHLORODIFLUOROMETHANE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
METHYL BROMIDE	MG/KG-DRY	34416*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
METHYL BROMIDE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
METHYL BROMIDE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
METHYL BROMIDE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
METHYLCHLORIDE	MG/KG-DRY	34421*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
METHYLCHLORIDE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	

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NAME	UNITS	STOR**METH	BATCH	SAMPLE	DATE	FOUND	FOOTNOTE
METHYLCHLORIDE	MG/KG-DRY	34421*ADHA	D1007	MB*P78-S*1	07/18/89	0.0	
METHYLCHLORIDE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
METHYLENE CHLORIDE	MG/KG-DRY	34426*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
METHYLENE CHLORIDE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
METHYLENE CHLORIDE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
METHYLENE CHLORIDE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
T-1, 3-DICHLOROPROPENE	MG/KG-DRY	34697*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
T-1, 3-DICHLOROPROPENE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
T-1, 3-DICHLOROPROPENE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
T-1, 3-DICHLOROPROPENE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
TE TRACHLOROETHYLENE	MG/KG-DRY	34478*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
TE TRACHLOROETHYLENE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
TE TRACHLOROETHYLENE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
TE TRACHLOROETHYLENE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
TRANS-1, 2-DICHLOROETHENE	MG/KG-DRY	34549*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
TRANS-1, 2-DICHLOROETHENE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
TRANS-1, 2-DICHLOROETHENE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
TRANS-1, 2-DICHLOROETHENE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
TRICHLOROETHYLENE	MG/KG-DRY	34487*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
TRICHLOROETHYLENE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
TRICHLOROETHYLENE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
TRICHLOROETHYLENE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
TRICHLOROFUOROMETHANE	MG/KG-DRY	34491*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
TRICHLOROFUOROMETHANE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
TRICHLOROFUOROMETHANE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
TRICHLOROFUOROMETHANE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
TRICHLOROPROPANE	MG/KG-DRY	97043*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
TRICHLOROPROPANE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
TRICHLOROPROPANE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
TRICHLOROPROPANE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
VINYL CHLORIDE	MG/KG-DRY	34495*ADHA	D935	MB*VBLK*56	06/13/89	0.0	
VINYL CHLORIDE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
VINYL CHLORIDE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
VINYL CHLORIDE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
BENZENE	MG/KG-DRY	34237*ADP I	D935	MB*VBLK*56	06/13/89	0.0	
BENZENE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
BENZENE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
BENZENE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
BROMOBENZENE	MG/KG-DRY	97036*ADP I	D935	MB*VBLK*56	06/13/89	0.0	
BROMOBENZENE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
BROMOBENZENE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
BROMOBENZENE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
CHLOROBENZENE	MG/KG-DRY	34304*ADP I	D935	MB*VBLK*56	06/13/89	0.0	
CHLOROBENZENE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
CHLOROBENZENE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
CHLOROBENZENE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
DICHLOROBENZENE, TOT.	MG/KG-DRY	98578*ADP I	D935	MB*VBLK*56	06/13/89	0.0	
DICHLOROBENZENE, TOT.	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
DICHLOROBENZENE, TOT.	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
DICHLOROBENZENE, TOT.	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
ETHYLBENZENE	MG/KG-DRY	34374*ADP I	D935	MB*VBLK*56	06/13/89	0.0	
ETHYLBENZENE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
ETHYLBENZENE	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
ETHYLBENZENE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
TOLUENE	MG/KG-DRY	34483*ADP I	D935	MB*VBLK*56	06/13/89	0.0	
TOLUENE	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	

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NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	FOUND	FOOTNOTE
TOLUENE	MG/KG-DRY	34483*ADPI	D1007	MB*P78-S*1	07/18/89	0.0	
TOLUENE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
XYLENES, TOTAL	MG/KG-DRY	45510*ADPI	D935	MB*VBLK*56	06/13/89	0.0	
XYLENES, TOTAL	MG/KG-DRY		D973	MB*VBLK*60	06/28/89	0.0	
XYLENES, TOTAL	MG/KG-DRY		D1007	MB*P78-S*1	07/18/89	0.0	
1,2,4,5-TETRACHLOROBENZENE	MG/KG-DRY		D1024	MB*VBLK*63	06/26/89	0.0	
1,2,4,5-TETRACHLOROBENZENE	MG/KG-DRY	97675*ADMS	D994	MB*SBK*20	07/05/89	0.0	
1,2,4,5-TETRACHLOROBENZENE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
1,2,4,5-TETRACHLOROBENZENE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
1,2,4,5-TETRACHLOROBENZENE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
1,2,4,5-TETRACHLOROBENZENE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
1,2,4-TRICHLOROBENZENE	MG/KG-DRY	99492*ADMS	D994	MB*SBK*20	07/05/89	0.0	
1,2,4-TRICHLOROBENZENE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
1,2,4-TRICHLOROBENZENE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
1,2,4-TRICHLOROBENZENE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
1,2,4-TRICHLOROBENZENE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
1,2-DICHLOROBENZENE	MG/KG-DRY	99470*ADMS	D994	MB*SBK*20	07/05/89	0.0	
1,2-DICHLOROBENZENE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
1,2-DICHLOROBENZENE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
1,2-DICHLOROBENZENE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
1,2-DICHLOROBENZENE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
1,2-DIPHENYLHYDRAZINE, S	MG/KG-DRY	99477*ADMS	D994	MB*SBK*20	07/05/89	0.0	
1,2-DIPHENYLHYDRAZINE, S	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
1,2-DIPHENYLHYDRAZINE, S	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
1,2-DIPHENYLHYDRAZINE, S	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
1,2-DIPHENYLHYDRAZINE, S	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
1,3-DICHLOROBENZENE	MG/KG-DRY	99468*ADMS	D994	MB*SBK*20	07/05/89	0.0	
1,3-DICHLOROBENZENE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
1,3-DICHLOROBENZENE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
1,3-DICHLOROBENZENE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
1,3-DICHLOROBENZENE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
1,4-DICHLOROBENZENE	MG/KG-DRY	99469*ADMS	D994	MB*SBK*20	07/05/89	0.0	
1,4-DICHLOROBENZENE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
1,4-DICHLOROBENZENE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
1,4-DICHLOROBENZENE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
1,4-DICHLOROBENZENE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
1-CHLORONAPHTHALENE	MG/KG-DRY	97649*ADMS	D994	MB*SBK*20	07/05/89	0.0	
1-CHLORONAPHTHALENE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
1-CHLORONAPHTHALENE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
1-CHLORONAPHTHALENE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
1-CHLORONAPHTHALENE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
1-NAPHTHYLAMINE	MG/KG-DRY	97661*ADMS	D994	MB*SBK*20	07/05/89	0.0	
1-NAPHTHYLAMINE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
1-NAPHTHYLAMINE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
1-NAPHTHYLAMINE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
1-NAPHTHYLAMINE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
2,3,4,6-TETRACHLOROPHENOL	MG/KG-DRY	97681*ADMS	D994	MB*SBK*20	07/05/89	0.0	
2,3,4,6-TETRACHLOROPHENOL	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
2,3,4,6-TETRACHLOROPHENOL	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
2,3,4,6-TETRACHLOROPHENOL	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
2,3,4,6-TETRACHLOROPHENOL	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
2,4,5-TRICHLOROPHENOL	MG/KG-DRY	98587*ADMS	D994	MB*SBK*20	07/05/89	0.0	
2,4,5-TRICHLOROPHENOL	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
2,4,5-TRICHLOROPHENOL	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
2,4,5-TRICHLOROPHENOL	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
2,4,5-TRICHLOROPHENOL	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	

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NAME	UNITS	STORMETH	BATCH	SAMPLE	DATE	FOUND	FOOTNOTE
2,4,6-TRICHLORPHENOL	MG/KG-DRY	99684*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
2,4,6-TRICHLORPHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
2,4,6-TRICHLORPHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
2,4,6-TRICHLORPHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
2,4,6-TRICHLORPHENOL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
2,4-DICHLOROPHENOL	MG/KG-DRY	99498*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
2,4-DICHLOROPHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
2,4-DICHLOROPHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
2,4-DICHLOROPHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
2,4-DICHLOROPHENOL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
2,4-DIMETHYPHENOL	MG/KG-DRY	99499*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
2,4-DIMETHYPHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
2,4-DIMETHYPHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
2,4-DIMETHYPHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
2,4-DIMETHYPHENOL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
2,4-DINITROPHENOL	MG/KG-DRY	99695*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
2,4-DINITROPHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
2,4-DINITROPHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
2,4-DINITROPHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
2,4-DINITROPHENOL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
2,4-DINITROTOLUENE	MG/KG-DRY	99474*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
2,4-DINITROTOLUENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
2,4-DINITROTOLUENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
2,4-DINITROTOLUENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
2,4-DINITROTOLUENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
2,6-DICHLOROPHENOL	MG/KG-DRY	97677*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
2,6-DICHLOROPHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
2,6-DICHLOROPHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
2,6-DICHLOROPHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
2,6-DICHLOROPHENOL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
2,6-DINITROTOLUENE	MG/KG-DRY	99475*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
2,6-DINITROTOLUENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
2,6-DINITROTOLUENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
2,6-DINITROTOLUENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
2,6-DINITROTOLUENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
2-CHLORONAPHTHALENE	MG/KG-DRY	99464*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
2-CHLORONAPHTHALENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
2-CHLORONAPHTHALENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
2-CHLORONAPHTHALENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
2-CHLORONAPHTHALENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
2-CHLOROPHENOL	MG/KG-DRY	99497*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
2-CHLOROPHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
2-CHLOROPHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
2-CHLOROPHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
2-CHLOROPHENOL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
2-METHYLNAPHTHALENE	MG/KG-DRY	97660*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
2-METHYLNAPHTHALENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
2-METHYLNAPHTHALENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
2-METHYLNAPHTHALENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
2-METHYLNAPHTHALENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
2-METHYLPHENOL	MG/KG-DRY	97679*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
2-METHYLPHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
2-METHYLPHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
2-METHYLPHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
2-METHYLPHENOL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
2-NAPHTHYLAMINE	MG/KG-DRY	97717*ADMS	D994	MB*SBLK*20	07/05/89	0.0	

Hunter/ESE, INC.
QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES
Method Blank Sample Summary

11/17/89

NAME	UNITS	STOR* METH	BATCH	SAMPLE	DATE	FOUND	FOOTNOTE
2-NAPHTHYLAMINE	MG/KG-DRY	97717*ADMS	D995	MB*SBLK*19	06/20/89	0.0	
2-NAPHTHYLAMINE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
2-NAPHTHYLAMINE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
2-NAPHTHYLAMINE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
2-NITROANILINE	MG/KG-DRY	97662*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
2-NITROANILINE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
2-NITROANILINE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
2-NITROANILINE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
2-NITROANILINE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
2-NITROPHENOL	MG/KG-DRY	99495*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
2-NITROPHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
2-NITROPHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
2-NITROPHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
2-NITROPHENOL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
2-PICOLINE	MG/KG-DRY	97673*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
2-PICOLINE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
2-PICOLINE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
2-PICOLINE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
2-PICOLINE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
3,3-DICHLOROBENZIDINE	MG/KG-DRY	99471*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
3,3-DICHLOROBENZIDINE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
3,3-DICHLOROBENZIDINE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
3,3-DICHLOROBENZIDINE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
3,3-DICHLOROBENZIDINE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
3-METHYLCHOLANTHRENE	MG/KG-DRY	97658*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
3-METHYLCHOLANTHRENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
3-METHYLCHOLANTHRENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
3-METHYLCHOLANTHRENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
3-METHYLCHOLANTHRENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
3-NITROANILINE	MG/KG-DRY	97663*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
3-NITROANILINE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
3-NITROANILINE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
3-NITROANILINE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
3-NITROANILINE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
4,6-DINITRO-2-METHYLPHENOL	MG/KG-DRY	97678*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
4,6-DINITRO-2-METHYLPHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
4,6-DINITRO-2-METHYLPHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
4,6-DINITRO-2-METHYLPHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
4,6-DINITRO-2-METHYLPHENOL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
4-AMINOBIPHENYL	MG/KG-DRY	97645*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
4-AMINOBIPHENYL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
4-AMINOBIPHENYL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
4-AMINOBIPHENYL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
4-AMINOBIPHENYL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
4-BROMOPHENYL PHENYL ETHER	MG/KG-DRY	99462*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
4-BROMOPHENYL PHENYL ETHER	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
4-BROMOPHENYL PHENYL ETHER	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
4-BROMOPHENYL PHENYL ETHER	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
4-BROMOPHENYL PHENYL ETHER	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
4-CHLORO-3-METHYLPHENOL	MG/KG-DRY	99683*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
4-CHLORO-3-METHYLPHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
4-CHLORO-3-METHYLPHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
4-CHLORO-3-METHYLPHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
4-CHLORO-3-METHYLPHENOL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
4-CHLOROANILINE, SED	MG/KG-DRY	97648*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
4-CHLOROANILINE, SED	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	

Hunter/ESC, INC.
QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES
Method Blank Sample Summary

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NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	FOUND	FOOTNOTE
4-CHLOROANILINE, SED	MG/KG-DRY	97648*ADMS	D1069	MB*SBLK*22	07/24/89	0.0	
4-CHLOROANILINE, SED	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
4-CHLOROANILINE, SED	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
4-CHLOROPHENYLPHENYL ETHER	MG/KG-DRY	99465*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
4-CHLOROPHENYLPHENYL ETHER	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
4-CHLOROPHENYLPHENYL ETHER	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
4-CHLOROPHENYLPHENYL ETHER	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
4-CHLOROPHENYLPHENYL ETHER	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
4-METHYLPHENOL	MG/KG-DRY	97680*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
4-METHYLPHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
4-METHYLPHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
4-METHYLPHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
4-METHYLPHENOL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
4-NITROANILINE	MG/KG-DRY	97664*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
4-NITROANILINE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
4-NITROANILINE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
4-NITROANILINE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
4-NITROANILINE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
4-NITROPHENOL	MG/KG-DRY	99496*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
4-NITROPHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
4-NITROPHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
4-NITROPHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
4-NITROPHENOL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
7, 12-DIMETHYLBENZ(A)ANTHRACENE	MG/KG-DRY	97653*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
7, 12-DIMETHYLBENZ(A)ANTHRACENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
7, 12-DIMETHYLBENZ(A)ANTHRACENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
7, 12-DIMETHYLBENZ(A)ANTHRACENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
7, 12-DIMETHYLBENZ(A)ANTHRACENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
A-, A-DIMETHYLPHENETHYLAMINE	MG/KG-DRY	97654*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
A-, A-DIMETHYLPHENETHYLAMINE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
A-, A-DIMETHYLPHENETHYLAMINE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
A-, A-DIMETHYLPHENETHYLAMINE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
A-, A-DIMETHYLPHENETHYLAMINE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
ACENAPHTHENE, SOIL	MG/KG-DRY	99450*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
ACENAPHTHENE, SOIL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
ACENAPHTHENE, SOIL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
ACENAPHTHENE, SOIL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
ACENAPHTHENE, SOIL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
ACENAPHTHYLENE, SOIL	MG/KG-DRY	99451*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
ACENAPHTHYLENE, SOIL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
ACENAPHTHYLENE, SOIL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
ACENAPHTHYLENE, SOIL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
ACENAPHTHYLENE, SOIL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
ACETOPHENONE	MG/KG-DRY	97643*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
ACETOPHENONE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
ACETOPHENONE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
ACETOPHENONE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
ACETOPHENONE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
ANILINE	MG/KG-DRY	97644*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
ANILINE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
ANILINE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
ANILINE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
ANILINE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
ANTHRACENE, SOIL	MG/KG-DRY	99452*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
ANTHRACENE, SOIL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
ANTHRACENE, SOIL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	

Hunter/ESE, INC.
QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES
Method Blank Sample Summary

11/17/89

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	FOUND	FOOTNOTE
ANTHRACENE, SOIL	MG/KG-DRY	99452*ADMS	D1083	MB*SBLK*27	08/04/89	0.0	
ANTHRACENE, SOIL	MG/KG-DRY	D1085	MB*SBLK*30		08/03/89	0.0	
BENZIDINE	MG/KG-DRY	97646*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
BENZIDINE	MG/KG-DRY	D995	MB*SBLK*19		06/20/89	0.0	
BENZIDINE	MG/KG-DRY	D1069	MB*SBLK*22		07/24/89	0.0	
BENZIDINE	MG/KG-DRY	D1083	MB*SBLK*27		08/04/89	0.0	
BENZIDINE	MG/KG-DRY	D1085	MB*SBLK*30		08/03/89	0.0	
BENZO(A)ANTHRACENE	MG/KG-DRY	99453*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
BENZO(A)ANTHRACENE	MG/KG-DRY	D995	MB*SBLK*19		06/20/89	0.0	
BENZO(A)ANTHRACENE	MG/KG-DRY	D1069	MB*SBLK*22		07/24/89	0.0	
BENZO(A)ANTHRACENE	MG/KG-DRY	D1083	MB*SBLK*27		08/04/89	0.0	
BENZO(A)ANTHRACENE	MG/KG-DRY	D1085	MB*SBLK*30		08/03/89	0.0	
BENZO(A)PYRENE	MG/KG-DRY	99456*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
BENZO(A)PYRENE	MG/KG-DRY	D995	MB*SBLK*19		06/20/89	0.0	
BENZO(A)PYRENE	MG/KG-DRY	D1069	MB*SBLK*22		07/24/89	0.0	
BENZO(A)PYRENE	MG/KG-DRY	D1083	MB*SBLK*27		08/04/89	0.0	
BENZO(A)PYRENE	MG/KG-DRY	D1085	MB*SBLK*30		08/03/89	0.0	
BENZO(B)FLUORANTHENE, S	MG/KG-DRY	99454*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
BENZO(B)FLUORANTHENE, S	MG/KG-DRY	D995	MB*SBLK*19		06/20/89	0.0	
BENZO(B)FLUORANTHENE, S	MG/KG-DRY	D1069	MB*SBLK*22		07/24/89	0.0	
BENZO(B)FLUORANTHENE, S	MG/KG-DRY	D1083	MB*SBLK*27		08/04/89	0.0	
BENZO(B)FLUORANTHENE, S	MG/KG-DRY	D1085	MB*SBLK*30		08/03/89	0.0	
BENZO(G, H, I,)PERYLENE	MG/KG-DRY	99691*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
BENZO(G, H, I,)PERYLENE	MG/KG-DRY	D995	MB*SBLK*19		06/20/89	0.0	
BENZO(G, H, I,)PERYLENE	MG/KG-DRY	D1069	MB*SBLK*22		07/24/89	0.0	
BENZO(G, H, I,)PERYLENE	MG/KG-DRY	D1083	MB*SBLK*27		08/04/89	0.0	
BENZO(G, H, I,)PERYLENE	MG/KG-DRY	D1085	MB*SBLK*30		08/03/89	0.0	
BENZO(K)FLUORANTHENE	MG/KG-DRY	99455*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
BENZO(K)FLUORANTHENE	MG/KG-DRY	D995	MB*SBLK*19		06/20/89	0.0	
BENZO(K)FLUORANTHENE	MG/KG-DRY	D1069	MB*SBLK*22		07/24/89	0.0	
BENZO(K)FLUORANTHENE	MG/KG-DRY	D1083	MB*SBLK*27		08/04/89	0.0	
BENZO(K)FLUORANTHENE	MG/KG-DRY	D1085	MB*SBLK*30		08/03/89	0.0	
BENZOIC ACID	MG/KG-DRY	97676*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
BENZOIC ACID	MG/KG-DRY	D995	MB*SBLK*19		06/20/89	0.0	
BENZOIC ACID	MG/KG-DRY	D1069	MB*SBLK*22		07/24/89	0.0	
BENZOIC ACID	MG/KG-DRY	D1083	MB*SBLK*27		08/04/89	0.0	
BENZOIC ACID	MG/KG-DRY	D1085	MB*SBLK*30		08/03/89	0.0	
BENZYL ALCOHOL	MG/KG-DRY	97647*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
BENZYL ALCOHOL	MG/KG-DRY	D995	MB*SBLK*19		06/20/89	0.0	
BENZYL ALCOHOL	MG/KG-DRY	D1069	MB*SBLK*22		07/24/89	0.0	
BENZYL ALCOHOL	MG/KG-DRY	D1083	MB*SBLK*27		08/04/89	0.0	
BENZYL ALCOHOL	MG/KG-DRY	D1085	MB*SBLK*30		08/03/89	0.0	
BIS(2-CHL' ISOPROPYL) ETHER	MG/KG-DRY	97547*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
BIS(2-CHL' ISOPROPYL) ETHER	MG/KG-DRY	D995	MB*SBLK*19		06/20/89	0.0	
BIS(2-CHL' ISOPROPYL) ETHER	MG/KG-DRY	D1069	MB*SBLK*22		07/24/89	0.0	
BIS(2-CHL' ISOPROPYL) ETHER	MG/KG-DRY	D1083	MB*SBLK*27		08/04/89	0.0	
BIS(2-CHL' ISOPROPYL) ETHER	MG/KG-DRY	D1085	MB*SBLK*30		08/03/89	0.0	
BIS(2-CHLOROETHOXY)METHANE	MG/KG-DRY	97493*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
BIS(2-CHLOROETHOXY)METHANE	MG/KG-DRY	D995	MB*SBLK*19		06/20/89	0.0	
BIS(2-CHLOROETHOXY)METHANE	MG/KG-DRY	D1069	MB*SBLK*22		07/24/89	0.0	
BIS(2-CHLOROETHOXY)METHANE	MG/KG-DRY	D1083	MB*SBLK*27		08/04/89	0.0	
BIS(2-CHLOROETHOXY)METHANE	MG/KG-DRY	D1085	MB*SBLK*30		08/03/89	0.0	
BIS(2-CHLOROETHYL)ETHER	MG/KG-DRY	99458*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
BIS(2-CHLOROETHYL)ETHER	MG/KG-DRY	D995	MB*SBLK*19		06/20/89	0.0	
BIS(2-CHLOROETHYL)ETHER	MG/KG-DRY	D1069	MB*SBLK*22		07/24/89	0.0	
BIS(2-CHLOROETHYL)ETHER	MG/KG-DRY	D1083	MB*SBLK*27		08/04/89	0.0	
BIS(2-CHLOROETHYL)ETHER	MG/KG-DRY	D1085	MB*SBLK*30		08/03/89	0.0	

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NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	FOUND	FOOTNOTE
BIS(2-CHLOROETHYL)ETHER	MG/KG-DRY	99458*ADMS	D1085	MB*SBK*30	08/03/89	0.0	
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG-DRY	99460*ADMS	D994	MB*SBK*20	07/05/89	0.0	
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.17	
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.09	
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	1.7	
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
BUTYL BENZYL PHTHALATE	MG/KG-DRY	99463*ADMS	D994	MB*SBK*20	07/05/89	0.0	
BUTYL BENZYL PHTHALATE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	2.9	
BUTYL BENZYL PHTHALATE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
BUTYL BENZYL PHTHALATE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	2.3	
BUTYL BENZYL PHTHALATE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
CHRYSENE	MG/KG-DRY	99690*ADMS	D994	MB*SBK*20	07/05/89	0.0	
CHRYSENE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
CHRYSENE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
CHRYSENE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
CHRYSENE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
D1-N-BUTYLPHTHALATE	MG/KG-DRY	99467*ADMS	D994	MB*SBK*20	07/05/89	0.0	
D1-N-BUTYLPHTHALATE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.11	
D1-N-BUTYLPHTHALATE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.06	
D1-N-BUTYLPHTHALATE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.11	
D1-N-BUTYLPHTHALATE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
D1-N-OCTYLPHTHALATE	MG/KG-DRY	99476*ADMS	D994	MB*SBK*20	07/05/89	0.0	
D1-N-OCTYLPHTHALATE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
D1-N-OCTYLPHTHALATE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
D1-N-OCTYLPHTHALATE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
D1-N-OCTYLPHTHALATE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
DIBENZ(A, J)ACRIDINE	MG/KG-DRY	97650*ADMS	D994	MB*SBK*20	07/05/89	0.0	
DIBENZ(A, J)ACRIDINE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
DIBENZ(A, J)ACRIDINE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
DIBENZ(A, J)ACRIDINE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
DIBENZ(A, J)ACRIDINE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
DIBENZO(A, H)ANTHRACENE	MG/KG-DRY	99466*ADMS	D994	MB*SBK*20	07/05/89	0.0	
DIBENZO(A, H)ANTHRACENE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
DIBENZO(A, H)ANTHRACENE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
DIBENZO(A, H)ANTHRACENE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
DIBENZO(A, H)ANTHRACENE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
DIBENZO(A, H)ANTHRACENE	MG/KG-DRY	97651*ADMS	D994	MB*SBK*20	07/05/89	0.0	
DIBENZO(A, H)ANTHRACENE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
DIBENZO(A, H)ANTHRACENE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
DIBENZO(A, H)ANTHRACENE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
DIBENZO(A, H)ANTHRACENE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
DIETHYLPHTHALATE	MG/KG-DRY	99472*ADMS	D994	MB*SBK*20	07/05/89	0.0	
DIETHYLPHTHALATE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
DIETHYLPHTHALATE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
DIETHYLPHTHALATE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
DIETHYLPHTHALATE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.08	
DIETHYLPHTHALATE	MG/KG-DRY	99473*ADMS	D994	MB*SBK*20	07/05/89	0.0	
DIETHYLPHTHALATE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
DIETHYLPHTHALATE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
DIETHYLPHTHALATE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
DIETHYLPHTHALATE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	
DIPHENYLAMINE	MG/KG-DRY	97655*ADMS	D994	MB*SBK*20	07/05/89	0.0	
DIPHENYLAMINE	MG/KG-DRY		D995	MB*SBK*19	06/20/89	0.0	
DIPHENYLAMINE	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	0.0	
DIPHENYLAMINE	MG/KG-DRY		D1083	MB*SBK*27	08/04/89	0.0	
DIPHENYLAMINE	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	0.0	

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NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	FOUND	FOOTNOTE
ETHYL METHANESULFONATE	MG/KG-DRY	97656*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
ETHYL METHANESULFONATE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
ETHYL METHANESULFONATE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
ETHYL METHANESULFONATE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
ETHYL METHANESULFONATE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
FLUORANTHENE	MG/KG-DRY	99689*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
FLUORANTHENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
FLUORANTHENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
FLUORANTHENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
FLUORANTHENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
FLUORENE	MG/KG-DRY	99692*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
FLUORENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
FLUORENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
FLUORENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
FLUORENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
HEXACHLOROBENZENE	MG/KG-DRY	99478*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
HEXACHLOROBENZENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
HEXACHLOROBENZENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
HEXACHLOROBENZENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
HEXACHLOROBENZENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
HEXACHLOROBUTADIENE	MG/KG-DRY	99479*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
HEXACHLOROBUTADIENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
HEXACHLOROBUTADIENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
HEXACHLOROBUTADIENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
HEXACHLOROBUTADIENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
HEXACHLOROCYCLOPENTADIENE	MG/KG-DRY	97657*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
HEXACHLOROCYCLOPENTADIENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
HEXACHLOROCYCLOPENTADIENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
HEXACHLOROCYCLOPENTADIENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
HEXACHLOROCYCLOPENTADIENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
HEXACHLOROETHANE	MG/KG-DRY	99480*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
HEXACHLOROETHANE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
HEXACHLOROETHANE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
HEXACHLOROETHANE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
HEXACHLOROETHANE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
INDENO(1,2,3-CD)PYRENE	MG/KG-DRY	99482*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
INDENO(1,2,3-CD)PYRENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
INDENO(1,2,3-CD)PYRENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
INDENO(1,2,3-CD)PYRENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
INDENO(1,2,3-CD)PYRENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
ISOPHORONE	MG/KG-DRY	99483*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
ISOPHORONE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
ISOPHORONE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
ISOPHORONE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
ISOPHORONE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
METHYL METHANESULFONATE	MG/KG-DRY	97659*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
METHYL METHANESULFONATE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
METHYL METHANESULFONATE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
METHYL METHANESULFONATE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
METHYL METHANESULFONATE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
N-NITROSODI-N-PROPYLAMINE	MG/KG-DRY	99487*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
N-NITROSODI-N-PROPYLAMINE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
N-NITROSODI-N-PROPYLAMINE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
N-NITROSODI-N-PROPYLAMINE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
N-NITROSODI-N-PROPYLAMINE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
N-NITROSODIMETHYLAMINE	MG/KG-DRY	97666*ADMS	D994	MB*SBLK*20	07/05/89	0.0	

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NAME	UNITS	STOR* METH	BATCH	SAMPLE	DATE	FOUND	FOOTNOTE
N-NITROSODIMETHYLAMINE	MG/KG-DRY	97666*ADMS	D995	MB*SBLK*19	06/20/89	0.0	
N-NITROSODIMETHYLAMINE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
N-NITROSODIMETHYLAMINE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
N-NITROSODIMETHYLAMINE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
N-NITROSODIPEH*AMINE	MG/KG-DRY	97667*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
N-NITROSODIPEH*AMINE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
N-NITROSODIPEH*AMINE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
N-NITROSODIPEH*AMINE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
N-NITROSODIPEH*AMINE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
N-NITROSODIPERIDINE	MG/KG-DRY	97669*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
N-NITROSODIPERIDINE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
N-NITROSODIPERIDINE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
N-NITROSODIPERIDINE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
N-NITROSODIPERIDINE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
N-NITRSO-DI-N-BUTYLAMINE	MG/KG-DRY	97665*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
N-NITRSO-DI-N-BUTYLAMINE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
N-NITRSO-DI-N-BUTYLAMINE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
N-NITRSO-DI-N-BUTYLAMINE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
N-NITRSO-DI-N-BUTYLAMINE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
N-NITRSO-DI-N-BUTYLAMINE	MG/KG-DRY	99696*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
NAPHTHALENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
NAPHTHALENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
NAPHTHALENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
NAPHTHALENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
NITROBENZENE	MG/KG-DRY	99485*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
NITROBENZENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
NITROBENZENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
NITROBENZENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
NITROBENZENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
P-DIMETHYLAMINO BENZENE	MG/KG-DRY	97652*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
P-DIMETHYLAMINO BENZENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
P-DIMETHYLAMINO BENZENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
P-DIMETHYLAMINO BENZENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
P-DIMETHYLAMINO BENZENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
PENTACHLOROBENZENE	MG/KG-DRY	97670*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
PENTACHLOROBENZENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
PENTACHLOROBENZENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
PENTACHLOROBENZENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
PENTACHLOROBENZENE	MG/KG-DRY	97671*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
PENTACHLOROBENZENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
PENTACHLOROBENZENE	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
PENTACHLOROBENZENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
PENTACHLOROBENZENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
PENTACHLOROPHENOL	MG/KG-DRY	99682*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
PENTACHLOROPHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
PENTACHLOROPHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
PENTACHLOROPHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
PENTACHLOROPHENOL	MG/KG-DRY	97672*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
PENTACHLOROPHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
PENTACHLOROPHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
PENTACHLOROPHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
PENTACHLOROPHENOL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
PHENACETIN	MG/KG-DRY	97672*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
PHENACETIN	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
PHENACETIN	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
PHENACETIN	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
PHENACETIN	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
PHENANTHRENE	MG/KG-DRY	99489*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
PHENANTHRENE	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	

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 Hunter/ESE, INC.
 QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES
 Method Blank Sample Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	FOUND	FOOTNOTE
PHENANTHRENE	MG/KG-DRY	99489*ADMS	D1069	MB*SBLK*22	07/24/89	0.0	
PHENANTHRENE	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
PHENANTHRENE	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
PHENOL	MG/KG-DRY	99685*ADMS	D994	MB*SBLK*20	07/05/89	0.0	
PHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/20/89	0.0	
PHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	0.0	
PHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/04/89	0.0	
PHENOL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	0.0	
PRONAMIDE	MG/KG-DRY	97674*ADMS	D994	MB*SBLK*20	08/04/89	0.0	
PRONAMIDE	MG/KG-DRY		D995	MB*SBLK*19	08/03/89	0.0	
PRONAMIDE	MG/KG-DRY		D1069	MB*SBLK*22	07/05/89	0.0	
PRONAMIDE	MG/KG-DRY		D1083	MB*SBLK*27	06/20/89	0.0	
PRONAMIDE	MG/KG-DRY		D1085	MB*SBLK*30	07/24/89	0.0	
PYRENE	MG/KG-DRY	99490*ADMS	D994	MB*SBLK*20	08/03/89	0.0	
PYRENE	MG/KG-DRY		D995	MB*SBLK*19	07/05/89	0.0	
PYRENE	MG/KG-DRY		D1069	MB*SBLK*22	06/20/89	0.0	
PYRENE	MG/KG-DRY		D1083	MB*SBLK*27	07/24/89	0.0	
PYRENE	MG/KG-DRY		D1085	MB*SBLK*30	08/04/89	0.0	
2,4,5-TP/SILVEX	MG/KG-DRY	97483*AEC	D1050	MB*HBLK*1	08/03/89	0.0	
2,4-D	MG/KG-DRY	99239*AEC		MB*HBLK*1	08/10/89	0.0	
BHC, G(LINDANE)	UG/L	39340*ADEC	D1039	MB*PBLK*56	08/04/89	0.0	
CHLORDANE	UG/L	39350*ADEC		MB*PBLK*56		0.0	
ENDRIN	UG/L	39390*ADEC		MB*PBLK*56		0.0	
HEPTACHLOR	UG/L	39410*ADEC		MB*PBLK*56		0.0	
MERCURY, TOTAL	MG/L	97531*ADCV	D1052	MB*PBLK*35	08/01/89	0.0	
METHOXYCHLOR	UG/L	39480*ADEC	D1039	MB*PBLK*56	08/04/89	0.0	
TOXAPHENE	UG/L	39400*ADEC		MB*PBLK*56		0.0	

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Hunter/ESE, INC.
QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES
Standard Matrix Spike Recovery and Replicate Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%REC	REC	CRIT	R.P.D.	CRIT.	FOOTNOTE
HYDROCARBONS, PETROL	MG/KG-DRY	98233*AD	D943	SPI*IBLK*9	06/21/89	0.0	435	432	99.3	70.2-124.8	20			
HYDROCARBONS, PETROL	MG/KG-DRY		D1006	SPI*IBLK*10	07/20/89	4.44	434	439	101	70.2-124.8	20			
HYDROCARBONS, PETROL	MG/KG-DRY		D1025	SPI*IBLK*11	07/28/89	4.72	435	436	100	70.2-124.8	20			
MERCURY	MG/KG-DRY	71921*ADCV	D926	SPI*IBLK*14	06/12/89	0.0	1.25	1.17	93.6	75-125	25			
MERCURY	MG/KG-DRY		D968	SPI*NONE*1	06/28/89	0.0	1.00	1.09	109	75-125	25			
MERCURY	MG/KG-DRY		D1001	SPI*IBLK*24	07/18/89	0.00010.002	0.002	0.002	100	75-125	25			
MERCURY	MG/KG-DRY		D1016	SPI*IBLK*50	07/25/89	0.00020.002	0.002	0.002	100	75-125	25			
ALUMINUM, SED	MG/KG-DRY	1108*ADICP	D928	SPI*IBLK*18	07/10/89	0.0	100	111	111	75-125	25			
ALUMINUM, SED	MG/KG-DRY		D984	SPI*IBLK*20	07/18/89		100	105	105	75-125	25			
ALUMINUM, SED	MG/KG-DRY		D1005	SPI*IBLK*30	07/18/89		100	97.0	97.0	75-125	25			
ALUMINUM, SED	MG/KG-DRY		D1021	SPI*IBLK*31	07/26/89		100	95.8	95.8	75-125	25			
ANTIMONY, SED	MG/KG-DRY	1098*ADICP	D928	SPI*IBLK*18	07/10/89	0.0	200	200	100	75-125	25			
ANTIMONY, SED	MG/KG-DRY		D984	SPI*IBLK*20	07/18/89		200	190	95	75-125	25			
ANTIMONY, SED	MG/KG-DRY		D1005	SPI*IBLK*30	07/18/89		200	190	95	75-125	25			
ANTIMONY, SED	MG/KG-DRY		D1021	SPI*IBLK*31	07/26/89		200	190	95	75-125	25			
ARSENIC, SED	MG/KG-DRY	1003*ADICP	D928	SPI*IBLK*18	07/10/89	0.0	200	199	99.5	75-125	25			
ARSENIC, SED	MG/KG-DRY		D984	SPI*IBLK*20	07/18/89		200	195	97.5	75-125	25			
ARSENIC, SED	MG/KG-DRY		D1005	SPI*IBLK*30	07/18/89		200	188	94.0	75-125	25			
ARSENIC, SED	MG/KG-DRY		D1021	SPI*IBLK*31	07/26/89		200	186	93.0	75-125	25			
BARIUM, SED	MG/KG-DRY	1008*ADICP	D928	SPI*IBLK*18	07/10/89	0.0	100	99.6	99.6	75-125	25			
BARIUM, SED	MG/KG-DRY		D984	SPI*IBLK*20	07/18/89		100	99.9	99.9	75-125	25			
BARIUM, SED	MG/KG-DRY		D1005	SPI*IBLK*30	07/18/89		100	99.5	99.5	75-125	25			
BARIUM, SED	MG/KG-DRY		D1021	SPI*IBLK*31	07/26/89		100	96.1	96.1	75-125	25			
BERYLLIUM, SED	MG/KG-DRY	1013*ADICP	D928	SPI*IBLK*18	07/10/89	0.0	100	90.9	90.9	75-125	25			
BERYLLIUM, SED	MG/KG-DRY		D984	SPI*IBLK*20	07/18/89		100	103	103	75-125	25			
BERYLLIUM, SED	MG/KG-DRY		D1005	SPI*IBLK*30	07/18/89		100	99.5	99.5	75-125	25			
BERYLLIUM, SED	MG/KG-DRY		D1021	SPI*IBLK*31	07/26/89		100	90.6	90.6	75-125	25			
CADMIUM, SED	MG/KG-DRY	1028*ADICP	D928	SPI*IBLK*18	07/10/89	0.0	100	101	101	75-125	25			
CADMIUM, SED	MG/KG-DRY		D984	SPI*IBLK*20	07/18/89		100	99.0	99.0	75-125	25			
CADMIUM, SED	MG/KG-DRY		D1005	SPI*IBLK*30	07/18/89		100	91.3	91.3	75-125	25			
CADMIUM, SED	MG/KG-DRY		D1021	SPI*IBLK*31	07/26/89		100	90.7	90.7	75-125	25			
CALCIUM, SED	MG/KG-DRY	917*ADICP	D928	SPI*IBLK*18	07/10/89	0.0	200	235	118	75-125	25			
CALCIUM, SED	MG/KG-DRY		D984	SPI*IBLK*20	07/18/89		200	294	147	75-125	25			
CALCIUM, SED	MG/KG-DRY		D1005	SPI*IBLK*30	07/18/89		200	235	118	75-125	25			
CALCIUM, SED	MG/KG-DRY		D1021	SPI*IBLK*31	07/26/89		200	239	120	75-125	25			
CHROMIUM, SED	MG/KG-DRY	1029*ADICP	D928	SPI*IBLK*18	07/10/89	0.0	100	101	101	75-125	25			
CHROMIUM, SED	MG/KG-DRY		D984	SPI*IBLK*20	07/18/89		100	100	100	75-125	25			
CHROMIUM, SED	MG/KG-DRY		D1005	SPI*IBLK*30	07/18/89		100	95.3	95.3	75-125	25			
CHROMIUM, SED	MG/KG-DRY		D1021	SPI*IBLK*31	07/26/89		100	92.6	92.6	75-125	25			
COBALT, SED	MG/KG-DRY	1038*ADICP	D928	SPI*IBLK*18	07/10/89	0.0	100	98.7	98.7	75-125	25			
COBALT, SED	MG/KG-DRY		D984	SPI*IBLK*20	07/18/89		100	100	100	75-125	25			
COBALT, SED	MG/KG-DRY		D1005	SPI*IBLK*30	07/18/89		100	97.0	97.0	75-125	25			
COBALT, SED	MG/KG-DRY		D1021	SPI*IBLK*31	07/26/89		100	93.7	93.7	75-125	25			
COPPER, SED	MG/KG-DRY	1043*ADICP	D928	SPI*IBLK*18	07/10/89	0.0	100	95.6	95.6	75-125	25			
COPPER, SED	MG/KG-DRY		D984	SPI*IBLK*20	07/18/89		100	99.0	99.0	75-125	25			
COPPER, SED	MG/KG-DRY		D1005	SPI*IBLK*30	07/18/89		100	98.1	98.1	75-125	25			
COPPER, SED	MG/KG-DRY		D1021	SPI*IBLK*31	07/26/89		100	93.3	93.3	75-125	25			
IRON, SED	MG/KG-DRY	1170*ADICP	D928	SPI*IBLK*18	07/10/89	0.0	100	105	105	75-125	25			
IRON, SED	MG/KG-DRY		D984	SPI*IBLK*20	07/18/89		100	107	107	75-125	25			
IRON, SED	MG/KG-DRY		D1005	SPI*IBLK*30	07/18/89		100	100	100	75-125	25			
IRON, SED	MG/KG-DRY		D1021	SPI*IBLK*31	07/26/89		100	84.3	84.3	75-125	25			
LEAD, SED	MG/KG-DRY	1052*ADICP	D928	SPI*IBLK*18	07/10/89	0.0	100	100	100	75-125	25			
LEAD, SED	MG/KG-DRY		D984	SPI*IBLK*20	07/18/89		100	98.1	98.1	75-125	25			
LEAD, SED	MG/KG-DRY		D1005	SPI*IBLK*30	07/18/89		100	94.5	94.5	75-125	25			
LEAD, SED	MG/KG-DRY		D1021	SPI*IBLK*31	07/26/89		100	90.4	90.4	75-125	25			
MAGNESIUM, SED	MG/KG-DRY	924*ADICP	D928	SPI*IBLK*18	07/10/89	0.0	100	106	106	75-125	25			

Hunter/EESE, INC.
 QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES
 Standard Matrix Spike Recovery and Replicate Summary

11/17/89

NAME	UNITS	STOP* METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%RECV	RECV CRIT	R.P.D.	R.P.D. CRIT.	FOOTNOTE
MAGNESIUM, SED	MG/KG-DRY	924*ADICP	D984	SP1*IBLK*20	07/10/89	0.0	100	110	110	75-125	25	25	
MAGNESIUM, SED	MG/KG-DRY		D1005	SP1*IBLK*30	07/18/89		100	100	100	75-125	25	25	
MAGNESIUM, SED	MG/KG-DRY		D1021	SP1*IBLK*31	07/26/89		100	98.0	98.0	75-125	25	25	
MANGANESE, SED	MG/KG-DRY	1053*ADICP	D928	SP1*IBLK*18	07/10/89	0.0	100	100	100	75-125	25	25	
MANGANESE, SED	MG/KG-DRY		D984	SP1*IBLK*20	07/18/89		100	99.2	99.2	75-125	25	25	
MANGANESE, SED	MG/KG-DRY		D1005	SP1*IBLK*30	07/26/89		100	95.4	95.4	75-125	25	25	
MANGANESE, SED	MG/KG-DRY		D1021	SP1*IBLK*31	07/10/89	0.0	100	97.9	97.9	75-125	25	25	
MOLYBDENUM, SED	MG/KG-DRY	1063*ADICP	D928	SP1*IBLK*18	07/18/89		100	98.1	98.1	75-125	25	25	
MOLYBDENUM, SED	MG/KG-DRY		D984	SP1*IBLK*20	07/26/89		100	95.0	95.0	75-125	25	25	
MOLYBDENUM, SED	MG/KG-DRY		D1005	SP1*IBLK*30	07/10/89	0.0	100	92.6	92.6	75-125	25	25	
MOLYBDENUM, SED	MG/KG-DRY		D1021	SP1*IBLK*31	07/18/89		100	101	101	75-125	25	25	
NICKEL, SED	MG/KG-DRY	1068*ADICP	D928	SP1*IBLK*18	07/10/89	0.0	100	101	101	75-125	25	25	
NICKEL, SED	MG/KG-DRY		D984	SP1*IBLK*20	07/18/89		100	95.0	95.0	75-125	25	25	
NICKEL, SED	MG/KG-DRY		D1005	SP1*IBLK*30	07/26/89		100	90.7	90.7	75-125	25	25	
POTASSIUM, SED	MG/KG-DRY	938*ADICP	D928	SP1*IBLK*18	07/10/89	0.0	200	208	104	75-125	25	25	
POTASSIUM, SED	MG/KG-DRY		D984	SP1*IBLK*20	07/18/89		200	210	105	75-125	25	25	
POTASSIUM, SED	MG/KG-DRY		D1005	SP1*IBLK*30	07/26/89		200	220	110	75-125	25	25	
POTASSIUM, SED	MG/KG-DRY		D1021	SP1*IBLK*31	07/10/89	0.0	200	181	90.5	75-125	25	25	
SELENIUM, SED	MG/KG-DRY	1148*ADICP	D928	SP1*IBLK*18	07/18/89		200	196	98.0	75-125	25	25	
SELENIUM, SED	MG/KG-DRY		D984	SP1*IBLK*20	07/26/89		200	191	95.5	75-125	25	25	
SELENIUM, SED	MG/KG-DRY		D1005	SP1*IBLK*30	07/10/89	0.0	200	186	93.0	75-125	25	25	
SELENIUM, SED	MG/KG-DRY		D1021	SP1*IBLK*31	07/18/89		200	182	91.0	75-125	25	25	
SILVER, SED	MG/KG-DRY	1078*ADICP	D928	SP1*IBLK*18	07/26/89	0.0	100	9.60	9.60	75-125	25	25	
SILVER, SED	MG/KG-DRY		D984	SP1*IBLK*20	07/10/89		100	17.3	17.3	75-125	25	25	
SILVER, SED	MG/KG-DRY		D1005	SP1*IBLK*30	07/18/89		100	97.5	97.5	75-125	25	25	
SILVER, SED	MG/KG-DRY		D1021	SP1*IBLK*31	07/26/89		100	96.1	96.1	75-125	25	25	
SODIUM, SED	MG/KG-DRY	934*ADICP	D928	SP1*IBLK*18	07/10/89	0.0	200	285	143	75-125	25	25	
SODIUM, SED	MG/KG-DRY		D984	SP1*IBLK*20	07/18/89		200	290	145	75-125	25	25	
SODIUM, SED	MG/KG-DRY		D1005	SP1*IBLK*30	07/26/89		200	272	136	75-125	25	25	
SODIUM, SED	MG/KG-DRY		D1021	SP1*IBLK*31	07/10/89	0.0	200	274	137	75-125	25	25	
THALLIUM, SED	MG/KG-DRY	34480*ADICP	D928	SP1*IBLK*18	07/18/89		200	188	94.0	75-125	25	25	
THALLIUM, SED	MG/KG-DRY		D984	SP1*IBLK*20	07/26/89		200	190	95.0	75-125	25	25	
THALLIUM, SED	MG/KG-DRY		D1005	SP1*IBLK*30	07/10/89	0.0	200	210	105	75-125	25	25	
THALLIUM, SED	MG/KG-DRY		D1021	SP1*IBLK*31	07/18/89		200	187	93.5	75-125	25	25	
VANADIUM, SED	MG/KG-DRY	1088*ADICP	D928	SP1*IBLK*18	07/26/89	0.0	100	100	100	75-125	25	25	
VANADIUM, SED	MG/KG-DRY		D984	SP1*IBLK*20	07/10/89		100	99.9	99.9	75-125	25	25	
VANADIUM, SED	MG/KG-DRY		D1005	SP1*IBLK*30	07/18/89		100	96.3	96.3	75-125	25	25	
VANADIUM, SED	MG/KG-DRY		D1021	SP1*IBLK*31	07/26/89		100	94.0	94.0	75-125	25	25	
ZINC, SED	MG/KG-DRY	1093*ADICP	D928	SP1*IBLK*18	07/10/89	0.0	100	100	100	75-125	25	25	
ZINC, SED	MG/KG-DRY		D984	SP1*IBLK*20	07/18/89		100	98.4	98.4	75-125	25	25	
ZINC, SED	MG/KG-DRY		D1005	SP1*IBLK*30	07/26/89		100	93.2	93.2	75-125	25	25	
ZINC, SED	MG/KG-DRY		D1021	SP1*IBLK*31	07/10/89	0.0	5.93	5.95	100	50-172	22	22	
1,1-DICHLOROETHENE	MG/KG-DRY	34504*ADHA	D935	SP1*CROSSCHECK*1	06/13/89	0.0	5.93	6.03	102	50-172	22	22	
1,1-DICHLOROETHENE	MG/KG-DRY		D973	SP1*CROSS*1	06/28/89	0.0	1.82	1.74	95.6	50-172	22	22	
1,1-DICHLOROETHENE	MG/KG-DRY			SP1*VBLK*60		0.0	0.0	8.80	96.8	50-172	22	22	
1,1-DICHLOROETHENE	MG/KG-DRY		D1024	SP1*CHECK STD*1	06/26/89	0.0	5.93	5.51	92.9	50-172	22	22	
TRICHLOROETHYLENE	MG/KG-DRY	34487*ADHA	D935	SP1*CROSSCHECK*1	06/13/89	0.0	5.07	5.44	107	62-137	24	24	
TRICHLOROETHYLENE	MG/KG-DRY		D973	SP1*CROSS*1	06/28/89	0.0	5.07	5.02	99.0	62-137	24	24	
TRICHLOROETHYLENE	MG/KG-DRY			SP1*VBLK*60		0.0	1.82	1.67	91.8	62-137	24	24	
TRICHLOROETHYLENE	MG/KG-DRY		D1024	SP1*CHECK STD*1	06/26/89	0.0	9.09	8.36	92.0	62-137	24	24	
TRICHLOROETHYLENE	MG/KG-DRY					0.0	5.07	5.63	111	62-137	24	24	

Hunter/ES&, INC.
 QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES
 Standard Matrix Spike Recovery and Replicate Summary

11/17/89

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%RECV	REC'D CRIT	R.P.D.	CRIT.	FOOTNOTE
BENZENE	MG/KG-DRY	34237*ADPI	D935	SPI*CROSSCHECK*1	06/13/89	0.0	4.00	3.49	87.3	66-142	21		
BENZENE	MG/KG-DRY		D973	SPI*CROSS*1	06/28/89	0.0	2.67	2.54	95.1	66-142	21		
BENZENE	MG/KG-DRY			SPI*VBLK*60		0.0	1.82	1.79	98.4	66-142	21		
BENZENE	MG/KG-DRY			SP2*VBLK*60		0.0	9.09	8.71	95.8	66-142	21		
BENZENE	MG/KG-DRY		D1024	SPI*CHECK STD*1	06/26/89	0.0	2.67	2.29	85.8	66-142	21		
CHLOROBENZENE	MG/KG-DRY	34304*ADPI	D935	SPI*CROSSCHECK*1	06/13/89	0.0	5.18	5.37	104	60-133	21		
CHLOROBENZENE	MG/KG-DRY		D973	SPI*CROSS*1	06/28/89	0.0	5.18	5.35	103	60-133	21		
CHLOROBENZENE	MG/KG-DRY			SPI*VBLK*60		0.0	1.82	1.77	97.3	60-133	21		
CHLOROBENZENE	MG/KG-DRY			SP2*VBLK*60		0.0	9.09	8.63	94.9	60-133	21		
CHLOROBENZENE	MG/KG-DRY		D1024	SPI*CHECK STD*1	06/26/89	0.0	5.18	5.16	99.6	60-133	21		
TOLUENE	MG/KG-DRY	34483*ADPI	D935	SPI*CROSSCHECK*1	06/13/89	0.0	3.98	4.02	101	59-139	21		
TOLUENE	MG/KG-DRY		D973	SPI*CROSS*1	06/28/89	0.0	2.65	2.87	108	59-139	21		
TOLUENE	MG/KG-DRY			SPI*VBLK*60		0.0	1.82	1.82	100	59-139	21		
TOLUENE	MG/KG-DRY			SP2*VBLK*60		0.0	9.09	8.70	95.7	59-139	21		
TOLUENE	MG/KG-DRY		D1024	SPI*CHECK STD*1	06/26/89	0.0	2.65	2.55	96.2	59-139	21		
1,2,4-TRICHLOROBENZENE	MG/KG-DRY	99492*ADMS	D994	SPI*SBK*20	07/05/89	0.001	6.7	4.2	63	38-107	23		
1,2,4-TRICHLOROBENZENE	MG/KG-DRY		D995	SPI*SBK*19	06/20/89	0.001	6.7	5.3	79	38-107	23		
1,2,4-TRICHLOROBENZENE	MG/KG-DRY		D1069	SPI*SBK*22	07/24/89	0.001	6.7	5.0	75	38-107	23		
1,2,4-TRICHLOROBENZENE	MG/KG-DRY		D1083	SPI*SBK*27	08/04/89	0.001	6.7	4.7	70	38-107	23		
1,2,4-TRICHLOROBENZENE	MG/KG-DRY		D1085	SPI*SBK*30	08/03/89	0.001	3.3	2.4	73	38-107	23		
1,4-DICHLOROBENZENE	MG/KG-DRY	99469*ADMS	D994	SPI*SBK*20	07/05/89	0.00056	7	4.5	67	28-104	27		
1,4-DICHLOROBENZENE	MG/KG-DRY		D995	SPI*SBK*19	06/20/89	0.00056	7	5.8	87	28-104	27		
1,4-DICHLOROBENZENE	MG/KG-DRY		D1069	SPI*SBK*22	07/24/89	0.00056	7	4.9	73	28-104	27		
1,4-DICHLOROBENZENE	MG/KG-DRY		D1083	SPI*SBK*27	08/04/89	0.00056	7	4.2	63	28-104	27		
1,4-DICHLOROBENZENE	MG/KG-DRY		D1085	SPI*SBK*30	08/03/89	0.00053	3	2.3	70	28-104	27		
2,4-DINITROTOLUENE	MG/KG-DRY	99474*ADMS	D994	SPI*SBK*20	07/05/89	0.005	6.7	5.0	75	28-89	47		
2,4-DINITROTOLUENE	MG/KG-DRY		D995	SPI*SBK*19	06/20/89	0.005	6.7	5.7	85	28-89	47		
2,4-DINITROTOLUENE	MG/KG-DRY		D1069	SPI*SBK*22	07/24/89	0.005	6.7	6.0	90	28-89	47		
2,4-DINITROTOLUENE	MG/KG-DRY		D1083	SPI*SBK*27	08/04/89	0.005	6.7	5.4	81	28-89	47		
2,4-DINITROTOLUENE	MG/KG-DRY		D1085	SPI*SBK*30	08/03/89	0.005	3.3	2.5	76	28-89	47		
2-CHLOROPHENOL	MG/KG-DRY	99497*ADMS	D994	SPI*SBK*20	07/05/89	0.00061	3	10	77	25-102	50		
2-CHLOROPHENOL	MG/KG-DRY		D995	SPI*SBK*19	06/20/89	0.00061	3	12	92	25-102	50		
2-CHLOROPHENOL	MG/KG-DRY		D1069	SPI*SBK*22	07/24/89	0.00061	3	9.2	71	25-102	50		
2-CHLOROPHENOL	MG/KG-DRY		D1083	SPI*SBK*27	08/04/89	0.00061	3	9.2	71	25-102	50		
2-CHLOROPHENOL	MG/KG-DRY		D1085	SPI*SBK*30	08/03/89	0.00066	7	5.3	79	25-102	50		
4-CHLORO-3-METHYLPHENOL	MG/KG-DRY	99683*ADMS	D994	SPI*SBK*20	07/05/89	0.002	13	11	85	26-103	33		
4-CHLORO-3-METHYLPHENOL	MG/KG-DRY		D995	SPI*SBK*19	06/20/89	0.002	13	12	92	26-103	33		
4-CHLORO-3-METHYLPHENOL	MG/KG-DRY		D1069	SPI*SBK*22	07/24/89	0.002	13	11	85	26-103	33		
4-CHLORO-3-METHYLPHENOL	MG/KG-DRY		D1083	SPI*SBK*27	08/04/89	0.002	13	11	85	26-103	33		
4-CHLORO-3-METHYLPHENOL	MG/KG-DRY		D1085	SPI*SBK*30	08/03/89	0.002	6.7	5.7	85	26-103	33		
4-NITROPHENOL	MG/KG-DRY	99496*ADMS	D994	SPI*SBK*20	07/05/89	0.008	13	12	92	11-114	50		
4-NITROPHENOL	MG/KG-DRY		D995	SPI*SBK*19	06/20/89	0.008	13	14	110	11-114	50		
4-NITROPHENOL	MG/KG-DRY		D1069	SPI*SBK*22	07/24/89	0.008	13	13	100	11-114	50		
4-NITROPHENOL	MG/KG-DRY		D1083	SPI*SBK*27	08/04/89	0.008	13	10	77	11-114	50		
4-NITROPHENOL	MG/KG-DRY		D1085	SPI*SBK*30	08/03/89	0.008	6.7	2.8	42	11-114	50		
ACENAPHTHENE, SOIL	MG/KG-DRY	99450*ADMS	D994	SPI*SBK*20	07/05/89	0.00086	7	4.9	73	31-137	19		
ACENAPHTHENE, SOIL	MG/KG-DRY		D995	SPI*SBK*19	06/20/89	0.00086	7	6.0	90	31-137	19		
ACENAPHTHENE, SOIL	MG/KG-DRY		D1069	SPI*SBK*22	07/24/89	0.00086	7	5.5	82	31-137	19		
ACENAPHTHENE, SOIL	MG/KG-DRY		D1083	SPI*SBK*27	08/04/89	0.00086	7	5.4	81	31-137	19		
ACENAPHTHENE, SOIL	MG/KG-DRY		D1085	SPI*SBK*30	08/03/89	0.00083	3	2.8	85	31-137	19		
N-NITROSODI-N-PROPYLAMINE	MG/KG-DRY	99487*ADMS	D994	SPI*SBK*20	07/05/89	0.003	6.7	4.5	67	41-126	38		
N-NITROSODI-N-PROPYLAMINE	MG/KG-DRY		D995	SPI*SBK*19	06/20/89	0.003	6.7	5.6	84	41-126	38		
N-NITROSODI-N-PROPYLAMINE	MG/KG-DRY		D1069	SPI*SBK*22	07/24/89	0.003	6.7	5.4	81	41-126	38		

QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES
Standard Matrix Spike Recovery and Replicate Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%RECV	RECV CRIT	R.P.D.	R.P.D. CRIT.	FOOTNOTE
N-NITROSODI-N-PROPYLAMINE	MG/KG-DRY		D1083	SPI*SBK*27	08/04/89	0.003	6.7	4.9	73	41-126	38		
N-NITROSODI-N-PROPYLAMINE	MG/KG-DRY		D1085	SPI*SBK*30	08/03/89	0.003	3.3	2.4	73	41-126	38		
PENTACHLOROPHENOL	MG/KG-DRY	99682*ADMS	D994	SPI*SBK*20	07/05/89	0.004	13	15	120	17-109	47		
PENTACHLOROPHENOL	MG/KG-DRY		D995	SPI*SBK*19	06/20/89	0.004	13	12	92	17-109	47		
PENTACHLOROPHENOL	MG/KG-DRY		D1069	SPI*SBK*22	07/24/89	0.004	13	10	77	17-109	47		
PENTACHLOROPHENOL	MG/KG-DRY		D1083	SPI*SBK*27	08/04/89	0.004	13	11	85	17-109	47		
PENTACHLOROPHENOL	MG/KG-DRY		D1085	SPI*SBK*30	08/03/89	0.004	6.7	4.8	72	17-109	47		
PHENOL	MG/KG-DRY	99685*ADMS	D994	SPI*SBK*20	07/05/89	0.002	13	9.7	75	26-190	35		
PHENOL	MG/KG-DRY		D995	SPI*SBK*19	06/20/89	0.002	13	12	92	26-190	35		
PHENOL	MG/KG-DRY		D1069	SPI*SBK*22	07/24/89	0.002	13	10	77	26-190	35		
PHENOL	MG/KG-DRY		D1083	SPI*SBK*27	08/04/89	0.002	13	9.7	75	26-190	35		
PYRENE	MG/KG-DRY		D1085	SPI*SBK*30	08/03/89	0.002	6.7	3.4	51	26-190	35		
PYRENE	MG/KG-DRY	99490*ADMS	D994	SPI*SBK*20	07/05/89	0.004	6.7	5.0	75	35-142	36		
PYRENE	MG/KG-DRY		D995	SPI*SBK*19	06/20/89	0.004	6.7	5.7	85	35-142	36		
PYRENE	MG/KG-DRY		D1069	SPI*SBK*22	07/24/89	0.004	6.7	5.6	84	35-142	36		
PYRENE	MG/KG-DRY		D1083	SPI*SBK*27	08/04/89	0.004	6.7	5.4	81	35-142	36		
PYRENE	MG/KG-DRY		D1085	SPI*SBK*30	08/03/89	0.004	3.3	2.7	82	35-142	36		
2,4,5-TP/SILVEX	MG/KG-DRY	97483*AEC	D1050	SPI*P782-S*10	08/10/89	0.0	0.020	0.050	250	50-120	35		12
2,4-D	MG/KG-DRY	99239*AEC		SPI*P782-S*10		0.0	0.080	0.262	328	50-120	35		12
BHC, G(LINDANE)	UG/L	39340*ADEC	D1039	SPI*PBLK*56	08/04/89	0.0	0.204	0.139	68.1	56-123	15		
ENDRIN	UG/L	39390*ADEC		SPI*PBLK*56		0.0	0.488	0.390	79.9	56-121	21		
HEPTACHLOR	UG/L	39410*ADEC		SPI*PBLK*56		0.0	0.206	0.109	52.9	40-131	20		
MERCURY, TOTAL	MG/L	97531*ADCV	D1052	SPI*FBLK*35	08/01/89	0.0	0.002	0.002	100	75-125	25		

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QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES
Sample Matrix Spike Recovery Summary

NAME	UNITS	STOP-METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%REC	REC	CRIT	UNSPIKED	R.P.D.	R.P.D. CRIT.	FOOTNOTE
HYDROCARBONS, PETROL	MG/KG-DRY	98233*AD	D1006	SPM1*P782-S*6	07/20/89	4.44	434	626	144	70.2-124.80.0			20		7
HYDROCARBONS, PETROL	MG/KG-DRY			SPM2*P782-S*6		4.44	434	552	127	70.2-124.80.0			12.5		7
HYDROCARBONS, PETROL	MG/KG-DRY		D1025	SPM1*P782-S*14	07/28/89	4.72	435	480	110	70.2-124.81.94			20		
HYDROCARBONS, PETROL	MG/KG-DRY			SPM2*P782-S*14		4.72	435	492	113	70.2-124.81.94			2.69		
MERCURY	MG/KG-DRY	71921*ADCV	D926	SPM1*P782-S*3	06/12/89	0.0	0.540	0.579	107	75-125	0.058		25		
MERCURY	MG/KG-DRY			SPM2*P782-S*3		0.0	0.540	0.646	120	75-125	0.058		11.5		
MERCURY	MG/KG-DRY		D968	SPM1*FBLK*19	06/28/89	0.0	1.00	1.45	145	75-125	0.020		25		
MERCURY	MG/KG-DRY			SPM2*FBLK*19		0.0	1.00	1.42	142	75-125	0.020		2.09		
MERCURY	MG/KG-DRY		D1001	SPM1*P782-S*8	07/18/89	0.00011.00	1.44	1.25	144	75-125	0.064		25		
MERCURY	MG/KG-DRY			SPM2*P782-S*8		0.00011.00	1.25	1.25	124	75-125	0.064		14.9		
MERCURY	MG/KG-DRY		D1016	SPM1*P782-S*15	07/25/89	0.00021.00	1.15	1.15	115	75-125	0.101		25		
MERCURY	MG/KG-DRY			SPM2*P782-S*15		0.00021.00	1.23	1.23	123	75-125	0.101		6.72		
ALUMINUM, SED	MG/KG-DRY	1108*ADICP	D928	SPM1*P782-S*1		0.0	100	-850	-846	75-125	8190		25		7
ALUMINUM, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	100	1010	1010	75-125	8190		25		7
ALUMINUM, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89	0.0	100	400	413	75-125	17400		25		7
ALUMINUM, SED	MG/KG-DRY			SPM2*P782-S*6		0.0	100	900	964	75-125	17400		82.7		7
ALUMINUM, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89	0.0	100	-100	-109	75-125	11200		25		7
ALUMINUM, SED	MG/KG-DRY			SPM2*P782-S*8		0.0	100	-600	-580	75-125	11200		25		7
ALUMINUM, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89	0.0	100	-5400	-5400	75-125	15500		25		7
ALUMINUM, SED	MG/KG-DRY			SPM2*P782-S*13		0.0	100	-500	-462	75-125	15500		25		7
ANTIMONY, SED	MG/KG-DRY	1098*ADICP	D928	SPM1*P782-S*1		0.0	200	62	31	75-125	2.1		25		
ANTIMONY, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	200	49	24	75-125	2.1		25		
ANTIMONY, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89	0.0	200	85	42	75-125	2.5		25		
ANTIMONY, SED	MG/KG-DRY			SPM2*P782-S*6		0.0	200	76	38	75-125	2.5		10		
ANTIMONY, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89	0.0	200	130	67	75-125	0.0		25		
ANTIMONY, SED	MG/KG-DRY			SPM2*P782-S*8		0.0	200	130	66	75-125	0.0		1.5		
ANTIMONY, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89	0.0	200	83	41	75-125	0.0		25		
ANTIMONY, SED	MG/KG-DRY			SPM2*P782-S*13		0.0	200	92	46	75-125	0.0		9.1		
ARSENIC, SED	MG/KG-DRY	1003*ADICP	D928	SPM1*P782-S*1		0.0	200	218	109	75-125	0.0		25		
ARSENIC, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	200	221	110	75-125	0.0		0.913		
ARSENIC, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89	0.0	200	227	114	75-125	0.0		25		
ARSENIC, SED	MG/KG-DRY			SPM2*P782-S*6		0.0	200	236	118	75-125	0.0		3.45		
ARSENIC, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89	0.0	200	202	101	75-125	8.10		25		
ARSENIC, SED	MG/KG-DRY			SPM2*P782-S*8		0.0	200	191	95.5	75-125	8.10		5.60		
ARSENIC, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89	0.0	200	197	98.3	75-125	10.2		25		
ARSENIC, SED	MG/KG-DRY			SPM2*P782-S*13		0.0	200	201	101	75-125	10.2		2.61		
BARIUM, SED	MG/KG-DRY	1008*ADICP	D928	SPM1*P782-S*1		0.0	100	117	117	75-125	113		25		
BARIUM, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	100	124	124	75-125	113		5.81		
BARIUM, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89	0.0	100	123	123	75-125	128		25		
BARIUM, SED	MG/KG-DRY			SPM2*P782-S*6		0.0	100	134	134	75-125	128		8.56		
BARIUM, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89	0.0	100	86.4	86.4	75-125	88.6		25		
BARIUM, SED	MG/KG-DRY			SPM2*P782-S*8		0.0	100	86.4	86.4	75-125	88.6		0.0		
BARIUM, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89	0.0	100	198	198	75-125	12.0		25		
BARIUM, SED	MG/KG-DRY			SPM2*P782-S*13		0.0	100	205	205	75-125	12.0		3.47		
BERYLLIUM, SED	MG/KG-DRY	1013*ADICP	D928	SPM1*P782-S*1		0.0	100	119	119	75-125	0.358		25		8
BERYLLIUM, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	100	108	108	75-125	0.358		25		8
BERYLLIUM, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89	0.0	100	145	145	75-125	0.826		9.69		
BERYLLIUM, SED	MG/KG-DRY			SPM2*P782-S*6		0.0	100	155	155	75-125	0.826		25		
BERYLLIUM, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89	0.0	100	104	104	75-125	0.656		6.67		
BERYLLIUM, SED	MG/KG-DRY			SPM2*P782-S*8		0.0	100	103	103	75-125	0.656		0.966		
BERYLLIUM, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89	0.0	100	106	106	75-125	0.808		25		
BERYLLIUM, SED	MG/KG-DRY			SPM2*P782-S*13		0.0	100	104	104	75-125	0.808		1.90		
CADMIUM, SED	MG/KG-DRY	1028*ADICP	D928	SPM1*P782-S*1		0.0	100	110	110	75-125	0.715		25		
CADMIUM, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	100	113	114	75-125	0.715		3.57		
CADMIUM, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89	0.0	100	122	123	75-125	0.551		25		
CADMIUM, SED	MG/KG-DRY			SPM2*P782-S*6		0.0	100	124	125	75-125	0.551		2.43		

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Hunter/EESE, INC.

QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES

Sample Matrix Spike Recovery Summary

NAME	UNITS	STOR* METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%REC	REC	CRIT	UNSPKED	R.P.D.	R.P.D. CRIT.	FOOTNOTE
CADMIUM, SED	MG/KG-DRY	1028*ADICP	D1005	SPM1*P782-S*8	07/18/89		100	99.3	99.2	75-125	0.328	0.328	25		
CADMIUM, SED	MG/KG-DRY			SPM2*P782-S*8			100	96.3	96.3	75-125	0.328	0.328	25		
CADMIUM, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		100	98.2	98.2	75-125	0.346	0.346	25		
CADMIUM, SED	MG/KG-DRY			SPM2*P782-S*13			100	98.5	98.4	75-125	0.346	0.346	25		
CALCIUM, SED	MG/KG-DRY	917*ADICP	D928	SPM1*P782-S*1		0.0	200	-3800	-1910	75-125	93400	93400	25		7
CALCIUM, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	200	6600	3370	75-125	93400	93400	25		7
CALCIUM, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		200	-15000	-7440	75-125	132000	132000	25		7
CALCIUM, SED	MG/KG-DRY			SPM2*P782-S*6			200	-3000	-1790	75-125	132000	132000	25		7
CALCIUM, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89		200	-32100	-16000	75-125	78800	78800	25		7
CALCIUM, SED	MG/KG-DRY			SPM2*P782-S*8			200	-38100	-19000	75-125	78800	78800	25		7
CALCIUM, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		200	-5300	-2660	75-125	21700	21700	25		7
CALCIUM, SED	MG/KG-DRY			SPM2*P782-S*13			200	-4100	-2080	75-125	21700	21700	25		7
CHROMIUM, SED	MG/KG-DRY	1029*ADICP	D928	SPM1*P782-S*1		0.0	100	107	108	75-125	12.9	12.9	25		
CHROMIUM, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	100	109	109	75-125	12.9	12.9	25		
CHROMIUM, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		100	123	123	75-125	14.3	14.3	25		
CHROMIUM, SED	MG/KG-DRY			SPM2*P782-S*6			100	124	123	75-125	14.3	14.3	25		
CHROMIUM, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89		100	101	102	75-125	17.6	17.6	25		
CHROMIUM, SED	MG/KG-DRY			SPM2*P782-S*8			100	97.4	97.3	75-125	17.6	17.6	25		
CHROMIUM, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		100	97.1	96.8	75-125	13.9	13.9	25		
CHROMIUM, SED	MG/KG-DRY			SPM2*P782-S*13			100	101	101	75-125	13.9	13.9	25		
COBALT, SED	MG/KG-DRY	1038*ADICP	D928	SPM1*P782-S*1		0.0	100	105	105	75-125	4.77	4.77	25		
COBALT, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	100	108	108	75-125	4.77	4.77	25		
COBALT, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		100	122	122	75-125	5.65	5.65	25		
COBALT, SED	MG/KG-DRY			SPM2*P782-S*6			100	121	121	75-125	5.65	5.65	25		
COBALT, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89		100	97.1	97.5	75-125	7.88	7.88	25		
COBALT, SED	MG/KG-DRY			SPM2*P782-S*8			100	96.1	96.5	75-125	7.88	7.88	25		
COBALT, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		100	101	101	75-125	5.08	5.08	25		
COBALT, SED	MG/KG-DRY			SPM2*P782-S*13			100	101	101	75-125	5.08	5.08	25		
COPPER, SED	MG/KG-DRY	1043*ADICP	D928	SPM1*P782-S*1		0.0	100	108	108	75-125	6.67	6.67	25		
COPPER, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	100	112	112	75-125	6.67	6.67	25		
COPPER, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		100	129	129	75-125	10.1	10.1	25		
COPPER, SED	MG/KG-DRY			SPM2*P782-S*6			100	126	126	75-125	10.1	10.1	25		
COPPER, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89		100	105	104	75-125	21.4	21.4	25		
COPPER, SED	MG/KG-DRY			SPM2*P782-S*8			100	106	105	75-125	21.4	21.4	25		
COPPER, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		100	100	99.8	75-125	18.0	18.0	25		
COPPER, SED	MG/KG-DRY			SPM2*P782-S*13			100	102	102	75-125	18.0	18.0	25		
IRON, SED	MG/KG-DRY	1170*ADICP	D928	SPM1*P782-S*1		0.0	100	-200	-262	75-125	10400	10400	25		
IRON, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	100	3000	2970	75-125	10400	10400	25		
IRON, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		100	-800	-813	75-125	13900	13900	25		
IRON, SED	MG/KG-DRY			SPM2*P782-S*6			100	-1300	-1270	75-125	13900	13900	25		
IRON, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89		100	-300	-219	75-125	19300	19300	25		
IRON, SED	MG/KG-DRY			SPM2*P782-S*8			100	1800	1860	75-125	19300	19300	25		
IRON, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		100	-5100	-5080	75-125	17000	17000	25		
IRON, SED	MG/KG-DRY			SPM2*P782-S*13			100	-2100	-2080	75-125	17000	17000	25		
LEAD, SED	MG/KG-DRY	1052*ADICP	D928	SPM1*P782-S*1		0.0	100	108	109	75-125	6.56	6.56	25		
LEAD, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	100	110	111	75-125	6.56	6.56	25		
LEAD, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		100	123	124	75-125	6.75	6.75	25		
LEAD, SED	MG/KG-DRY			SPM2*P782-S*6			100	125	125	75-125	6.75	6.75	25		
LEAD, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89		100	96.6	96.2	75-125	15.4	15.4	25		
LEAD, SED	MG/KG-DRY			SPM2*P782-S*8			100	92.6	92.5	75-125	15.4	15.4	25		
LEAD, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		100	100	99.9	75-125	9.93	9.93	25		
LEAD, SED	MG/KG-DRY			SPM2*P782-S*13			100	98.1	98.4	75-125	9.93	9.93	25		
MAGNESIUM, SED	MG/KG-DRY	924*ADICP	D928	SPM1*P782-S*1		0.0	100	2160	2160	75-125	5290	5290	25		
MAGNESIUM, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	100	550	548	75-125	5290	5290	25		
MAGNESIUM, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		100	1100	1100	75-125	16500	16500	25		
MAGNESIUM, SED	MG/KG-DRY			SPM2*P782-S*6			100	200	138	75-125	16500	16500	25		

000075

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Hunter/ESE, INC.

QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES

000076

NAME	UNITS	STOR**METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%REC	REC	CRIT	UNSPKED	R.P.D.	R.P.D. CRIT.	FOOTNOT
MAGNESIUM, SED	MG/KG-DRY	924*ADICP	D1005	SPM1*P782-S*8	07/18/89		100	-90.0	-87.5	75-125	6590		25	7	
MAGNESIUM, SED	MG/KG-DRY			SPM2*P782-S*8			100	-60.0	-54.7	75-125	6590		25	7	
MAGNESIUM, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		100	-880	-878	75-125	5830		25	7	
MAGNESIUM, SED	MG/KG-DRY			SPM2*P782-S*13			100	-140	-139	75-125	5830		25	7	
MANGANESE, SED	MG/KG-DRY	1053*ADICP	D928	SPM1*P782-S*1		0.0	100	319	319	75-125	348		25	7	
MANGANESE, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	100	145	145	75-125	348	75.0	25	7	
MANGANESE, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		100	121	121	75-125	295		25	7	
MANGANESE, SED	MG/KG-DRY			SPM2*P782-S*6			100	144	145	75-125	295	18.0	25	7	
MANGANESE, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89		100	74.0	74.4	75-125	322		25	7	
MANGANESE, SED	MG/KG-DRY			SPM2*P782-S*8			100	45.0	44.9	75-125	322	48.9	25	7	
MANGANESE, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		100	70.0	69.3	75-125	248		25	7	
MANGANESE, SED	MG/KG-DRY			SPM2*P782-S*13			100	96.0	95.8	75-125	248	31.1	25	7	
MOLYBDENUM, SED	MG/KG-DRY	1063*ADICP	D928	SPM1*P782-S*1		0.0	100	105	105	75-125	2.50		25	7	
MOLYBDENUM, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	100	103	103	75-125	2.50	1.92	25	7	
MOLYBDENUM, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		100	119	119	75-125	1.93		25	7	
MOLYBDENUM, SED	MG/KG-DRY			SPM2*P782-S*6			100	118	118	75-125	1.93	0.844	25	7	
MOLYBDENUM, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89		100	96.9	96.9	75-125	0.0		25	7	
MOLYBDENUM, SED	MG/KG-DRY			SPM2*P782-S*8			100	94.3	94.3	75-125	0.0	2.72	25	7	
MOLYBDENUM, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		100	92.5	92.5	75-125	0.0		25	7	
MOLYBDENUM, SED	MG/KG-DRY			SPM2*P782-S*13			100	96.2	96.2	75-125	0.0	3.92	25	7	
NICKEL, SED	MG/KG-DRY	1068*ADICP	D928	SPM1*P782-S*1		0.0	100	109	109	75-125	22.1		25	7	
NICKEL, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	100	111	111	75-125	22.1	1.82	25	7	
NICKEL, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		100	125	125	75-125	26.7		25	7	
NICKEL, SED	MG/KG-DRY			SPM2*P782-S*6			100	125	125	75-125	26.7	0.0	25	7	
NICKEL, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89		100	99.3	99.8	75-125	21.7		25	7	
NICKEL, SED	MG/KG-DRY			SPM2*P782-S*8			100	96.3	96.5	75-125	21.7	2.86	25	7	
NICKEL, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		100	99.3	99.7	75-125	7.74		25	7	
NICKEL, SED	MG/KG-DRY			SPM2*P782-S*13			100	100	101	75-125	7.74	1.70	25	7	
POTASSIUM, SED	MG/KG-DRY	938*ADICP	D928	SPM1*P782-S*1		0.0	200	-80.0	-35.8	75-125	1900		25	7	
POTASSIUM, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	200	210	107	75-125	1900	439	25	7	
POTASSIUM, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		200	270	138	75-125	3940		25	7	
POTASSIUM, SED	MG/KG-DRY			SPM2*P782-S*6			200	440	220	75-125	3940	47.9	25	7	
POTASSIUM, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89		200	-90.0	-43.8	75-125	2230		25	7	
POTASSIUM, SED	MG/KG-DRY			SPM2*P782-S*8			200	50.0	21.9	75-125	2230	25	25	7	
POTASSIUM, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		200	-740	-370	75-125	4120		25	7	
POTASSIUM, SED	MG/KG-DRY			SPM2*P782-S*13			200	40.0	17.3	75-125	4120	25	25	7	
SELENIUM, SED	MG/KG-DRY	1148*ADICP	D928	SPM1*P782-S*1		0.0	200	228	114	75-125	33.6		25	5	
SELENIUM, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	200	239	120	75-125	33.6	5.13	25	5	
SELENIUM, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		200	256	128	75-125	37.2		25	5	
SELENIUM, SED	MG/KG-DRY			SPM2*P782-S*6			200	255	127	75-125	37.2	0.784	25	5	
SELENIUM, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89		200	211	106	75-125	0.0		25	5	
SELENIUM, SED	MG/KG-DRY			SPM2*P782-S*8			200	205	102	75-125	0.0	3.85	25	5	
SELENIUM, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		200	194	97.0	75-125	0.0		25	5	
SELENIUM, SED	MG/KG-DRY			SPM2*P782-S*13			200	189	94.7	75-125	0.0	2.40	25	5	
SILVER, SED	MG/KG-DRY	1078*ADICP	D928	SPM1*P782-S*1		0.0	100	15.6	15.6	75-125	0.0		25	7	
SILVER, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	100	21.9	21.9	75-125	0.0	33.6	25	7	
SILVER, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		100	128	128	75-125	0.0		25	7	
SILVER, SED	MG/KG-DRY			SPM2*P782-S*6			100	48.6	48.6	75-125	0.0	89.9	25	7	
SILVER, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89		100	56.1	56.1	75-125	0.0		25	7	
SILVER, SED	MG/KG-DRY			SPM2*P782-S*8			100	103	103	75-125	0.0	59.0	25	7	
SILVER, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		100	105	105	75-125	0.0		25	7	
SILVER, SED	MG/KG-DRY			SPM2*P782-S*13			100	106	106	75-125	0.0	0.948	25	7	
SODIUM, SED	MG/KG-DRY	934*ADICP	D928	SPM1*P782-S*1		0.0	200	221	110	75-125	692		25	7	
SODIUM, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	200	318	160	75-125	692	36.2	25	7	
SODIUM, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		200	339	169	75-125	871		25	7	
SODIUM, SED	MG/KG-DRY			SPM2*P782-S*6			200	329	165	75-125	871	2.99	25	7	

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Hunter/EE, INC.

QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES

NAME	UNITS	STORM/METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%REC	REC	CRIT	UNSPKED	R.P.D.	R.P.D. CRIT.	FOOTNOTE
SODIUM, SED	MG/KG-DRY	934*ADICP	D1005	SPM1*P782-S*8	07/18/89	0.0	200	201	100	75-125	353		25		
SODIUM, SED	MG/KG-DRY			SPM2*P782-S*8			200	197	98.5	75-125	353	2.51	25		
SODIUM, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		200	150	75.1	75-125	1340		25		
SODIUM, SED	MG/KG-DRY			SPM2*P782-S*13			200	170	86.6	75-125	1340	14.4	25		
THALLIUM, SED	MG/KG-DRY	34480*ADICP	D928	SPM1*P782-S*1		0.0	200	178	89.2	75-125	0.0		25		
THALLIUM, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	200	186	93.0	75-125	0.0	4.40	25		
THALLIUM, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		200	219	110	75-125	0.0		25		
THALLIUM, SED	MG/KG-DRY			SPM2*P782-S*6			200	211	105	75-125	0.0	4.65	25		
THALLIUM, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89		200	177	88.6	75-125	0.0		25		
THALLIUM, SED	MG/KG-DRY			SPM2*P782-S*8			200	201	101	75-125	0.0	13.2	25		
THALLIUM, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		200	207	103	75-125	0.0		25		
THALLIUM, SED	MG/KG-DRY			SPM2*P782-S*13			200	215	107	75-125	0.0	2.84	25		
VANADIUM, SED	MG/KG-DRY	1088*ADICP	D928	SPM1*P782-S*1		0.0	100	115	115	75-125	19.9		25		
VANADIUM, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	100	116	116	75-125	19.9	0.866	25		
VANADIUM, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		100	128	128	75-125	25.9		25		
VANADIUM, SED	MG/KG-DRY			SPM2*P782-S*6			100	128	128	75-125	25.9	0.0	25		
VANADIUM, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89		100	103	103	75-125	25.3		25		
VANADIUM, SED	MG/KG-DRY			SPM2*P782-S*8			100	101	101	75-125	25.3	1.96	25		
VANADIUM, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		100	97.1	96.7	75-125	26.9		25		
VANADIUM, SED	MG/KG-DRY			SPM2*P782-S*13			100	102	102	75-125	26.9	4.92	25		
ZINC, SED	MG/KG-DRY	1093*ADICP	D928	SPM1*P782-S*1		0.0	100	104	105	75-125	34.7		25		
ZINC, SED	MG/KG-DRY			SPM2*P782-S*1		0.0	100	110	111	75-125	34.7	6.51	25		
ZINC, SED	MG/KG-DRY		D984	SPM1*P782-S*6	07/10/89		100	121	121	75-125	37.3		25		
ZINC, SED	MG/KG-DRY			SPM2*P782-S*6			100	123	122	75-125	37.3	0.823	25		
ZINC, SED	MG/KG-DRY		D1005	SPM1*P782-S*8	07/18/89		100	101	102	75-125	54.7		25		
ZINC, SED	MG/KG-DRY			SPM2*P782-S*8			100	112	113	75-125	54.7	11.2	25		
ZINC, SED	MG/KG-DRY		D1021	SPM1*P782-S*13	07/26/89		100	87.6	88.1	75-125	42.4		25		
ZINC, SED	MG/KG-DRY			SPM2*P782-S*13			100	94.6	95.0	75-125	42.4	8.11	25		
1, 1-DICHLOROETHENE	MG/KG-DRY	34504*ADHA	D935	SPM1*P782-S*1	06/13/89	0.0	0.800	1.05	131	50-172	0.009		22		
1, 1-DICHLOROETHENE	MG/KG-DRY			SPM2*P782-S*1		0.0	0.800	1.01	127	50-172	0.009		22		
1, 1-DICHLOROETHENE	MG/KG-DRY		D1024	SPM1*P782-S*14	06/26/89	0.0	0.980	0.885	90.3	50-172	.000007		22		
1, 1-DICHLOROETHENE	MG/KG-DRY			SPM2*P782-S*14		0.0	0.930	0.997	107	50-172	.000007	16.9	22		
TRICHLOROETHYLENE	MG/KG-DRY	34487*ADHA	D935	SPM1*P782-S*1	06/13/89	0.0	0.800	1.09	136	62-137	0.005		24		
TRICHLOROETHYLENE	MG/KG-DRY			SPM2*P782-S*1		0.0	0.800	1.02	127	62-137	0.005		24		
TRICHLOROETHYLENE	MG/KG-DRY		D1024	SPM1*P782-S*14	06/26/89	0.0	0.980	1.29	132	62-137	.000002		24		
TRICHLOROETHYLENE	MG/KG-DRY			SPM2*P782-S*14		0.0	0.930	1.21	130	62-137	.000002	1.53	24		
BENZENE	MG/KG-DRY	34237*ADPI	D935	SPM1*P782-S*1	06/13/89	0.0	0.800	1.05	131	66-142	0.004		21		
BENZENE	MG/KG-DRY			SPM2*P782-S*1		0.0	0.800	1.01	125	66-142	0.004		21		
BENZENE	MG/KG-DRY		D1024	SPM1*P782-S*14	06/26/89	0.0	0.980	1.01	103	66-142	.000004		21		
BENZENE	MG/KG-DRY			SPM2*P782-S*14		0.0	0.930	1.01	109	66-142	.000004	5.66	21		
CHLOROBENZENE	MG/KG-DRY	34304*ADPI	D935	SPM1*P782-S*1	06/13/89	0.0	0.800	1.03	128	60-133	0.002		21		
CHLOROBENZENE	MG/KG-DRY			SPM2*P782-S*1		0.0	0.800	0.990	124	60-133	0.002		21		
CHLOROBENZENE	MG/KG-DRY		D1024	SPM1*P782-S*14	06/26/89	0.0	0.980	1.04	106	60-133	.000001		21		
CHLOROBENZENE	MG/KG-DRY			SPM2*P782-S*14		0.0	0.930	1.05	113	60-133	.000001	6.39	21		
TOLUENE	MG/KG-DRY	34483*ADPI	D935	SPM1*P782-S*1	06/13/89	0.0	0.800	1.06	132	59-139	0.0		21		
TOLUENE	MG/KG-DRY			SPM2*P782-S*1		0.0	0.800	1.02	127	59-139	0.0		21		
TOLUENE	MG/KG-DRY		D1024	SPM1*P782-S*14	06/26/89	0.0	0.980	1.03	105	59-139	0.0		21		
TOLUENE	MG/KG-DRY			SPM2*P782-S*14		0.0	0.930	1.05	112	59-139	0.0	6.45	21		
1, 2, 4-TRICHLOROBENZENE	MG/KG-DRY	99492*ADMS		SPM1*P782-S*1		0.001 6.7	5.3	80	38-107	0.0			23		
1, 2, 4-TRICHLOROBENZENE	MG/KG-DRY			SPM2*P782-S*1		0.001 6.7	5.1	76	38-107	0.0			23		
1, 4-DICHLOROBENZENE	MG/KG-DRY	99469*ADMS		SPM1*P782-S*1		0.00056.7	5.2	78	28-104	0.0		3.9	27		
1, 4-DICHLOROBENZENE	MG/KG-DRY			SPM2*P782-S*1		0.00056.7	5.2	78	28-104	0.0		0.0	27		
2, 4-DINITROTOLUENE	MG/KG-DRY	99474*ADMS		SPM1*P782-S*1		0.005 6.7	5.2	77	28-89	0.0			47		
2, 4-DINITROTOLUENE	MG/KG-DRY			SPM2*P782-S*1		0.005 6.7	5.1	77	28-89	0.0		1.3	47		
2-CHLOROPHENOL	MG/KG-DRY	99497*ADMS	D995	SPM1*P782-S*1	06/20/89	0.000613	11	84	25-102	0.0			50		

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Hunter/ESE, INC.
QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES
Sample Matrix Spike Recovery Summary

11/17/89

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%REC	REC	CRIT	UNSPIKED	R.P.D.	R.P.D.	CRIT.	FOOTNOTE
2-CHLOROPHENOL	MG/KG-DRY			SPN2*P782-S*1		0.000613	11	11	85	25-102	0.0	0.0	0.0	50		
4-CHLORO-3-METHYLPHENOL	MG/KG-DRY	99683*ADMS		SPN1*P782-S*1		0.002 13	12	12	90	26-103	0.0	0.0	2.2	33		
4-CHLORO-3-METHYLPHENOL	MG/KG-DRY			SPN2*P782-S*1		0.002 13	12	12	90	26-103	0.0	0.0	2.2	33		
4-NITROPHENOL	MG/KG-DRY	99496*ADMS		SPN1*P782-S*1		0.008 13	12	12	90	11-114	0.0	0.0	5.3	50		
4-NITROPHENOL	MG/KG-DRY			SPN2*P782-S*1		0.008 13	13	13	97	11-114	0.0	0.0	5.3	50		
ACENAPHTHENE, SOIL	MG/KG-DRY	99450*ADMS		SPN1*P782-S*1		0.00086.7	5.6	5.6	84	31-137	0.0	0.0	0.0	19		
ACENAPHTHENE, SOIL	MG/KG-DRY			SPN2*P782-S*1		0.00086.7	5.6	5.6	84	31-137	0.0	0.0	0.0	19		
N-NITROSOD I-N-PROPYLAMINE	MG/KG-DRY	99487*ADMS		SPN1*P782-S*1		0.003 6.7	4.9	4.9	73	41-126	0.0	0.0	1.4	38		
N-NITROSOD I-N-PROPYLAMINE	MG/KG-DRY			SPN2*P782-S*1		0.003 6.7	4.8	4.8	72	41-126	0.0	0.0	1.4	38		
PENTACHLOROPHENOL	MG/KG-DRY	99682*ADMS		SPN1*P782-S*1		0.004 13	11	11	86	17-109	0.0	0.0	3.5	47		
PENTACHLOROPHENOL	MG/KG-DRY			SPN2*P782-S*1		0.004 13	12	12	88	17-109	0.0	0.0	3.5	47		
PHENOL	MG/KG-DRY	99685*ADMS		SPN1*P782-S*1		0.002 13	11	11	83	26-190	0.0	0.0	8.6	35		
PHENOL	MG/KG-DRY			SPN2*P782-S*1		0.002 13	10	10	78	26-190	0.0	0.0	8.6	35		
PYRENE	MG/KG-DRY	99490*ADMS		SPN1*P782-S*1		0.004 6.7	5.2	5.2	78	35-142	0.0	0.0	5.0	36		
PYRENE	MG/KG-DRY			SPN2*P782-S*1		0.004 6.7	5.5	5.5	82	35-142	0.0	0.0	5.0	36		

QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES

Surrogate Spike Recovery Summary

NAME	UNITS	STOP* METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%REC	REC	CRIT	FOOTNOTE
1,2-DICHLOROETHANE-D4	UG/L	98053*SUR	D1110	MB*EXTRBLK*69	08/28/89	61	50	61	120	70-121		
1,2-DICHLOROETHANE-D4	UG/L			DA*P782-S*16		61	50	55	110	70-121		
1,2-DICHLOROETHANE-D4	UG/L			DA*P782-S*17		61	50	56	110	70-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY	97448*SUR	D994	MB*SBLK*20	07/05/89	4.67	6.67	4.67	70.0	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			SPI*SBLK*20		4.67	6.67	4.82	72.3	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			DA*P782-S*6		4.67	6.67	5.34	80.1	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			DA*P782-S*7		4.67	6.67	4.46	66.9	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			MB*SBLK*19	06/19/89	5.51	6.67	5.51	82.6	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			SPI*SBLK*19		5.51	6.67	5.58	83.7	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			SPM1*P782-S*1	06/20/89	5.51	6.67	5.11	76.6	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			SPM2*P782-S*1		5.51	6.67	5.29	79.3	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			DA*P782-S*1		5.51	6.67	6.50	97.5	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			DA*P782-S*3		5.51	6.67	5.52	82.8	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			MB*SBLK*22	07/24/89	0.390	6.67	0.390	5.85	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			SPI*SBLK*22		0.390	6.67	5.14	77.1	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			DA*P782-S*8		0.390	6.67	5.25	78.7	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			DA*P782-S*9		0.390	6.67	5.55	83.2	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			DA*P782-S*10		0.390	6.67	6.25	93.7	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			DA*P782-S*11		0.390	6.67	6.00	90.0	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			MB*SBLK*27	08/03/89	5.29	6.67	5.29	79.3	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			SPI*SBLK*27	08/04/89	5.29	6.67	5.21	78.1	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			DA*P782-S*12		5.29	6.67	6.23	93.4	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			DA*P782-S*13		5.29	6.67	4.33	64.9	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			DA*P782-S*14		5.29	6.67	6.20	93.0	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			DA*P782-S*15		5.29	6.67	5.66	84.9	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			MB*SBLK*30	08/03/89	5.32	6.67	5.32	79.8	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			SPI*SBLK*30	06/04/89	5.32	6.67	4.74	71.1	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			DA*P782-S*16		5.32	6.67	4.02	60.3	20-121		
2,4,6-TRI-BROMOPHENOL	UG/G-DRY			DA*P782-S*17		5.32	6.67	3.79	56.8	20-121		
2-FLUOROBIPHENYL	MG/KG-DRY	98814*SUR	D994	MB*SBLK*20	07/05/89	2.5	3.3	2.5	76	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			SPI*SBLK*20		2.5	3.3	2.5	76	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			DA*P782-S*6		2.5	3.3	3.0	91	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			DA*P782-S*7		2.5	3.3	2.6	79	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			MB*SBLK*19	06/19/89	3.2	3.3	3.2	97	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			SPI*SBLK*19		3.2	3.3	3.2	97	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			SPM1*P782-S*1	06/20/89	3.2	3.3	2.9	88	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			SPM2*P782-S*1		3.2	3.3	2.9	88	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			DA*P782-S*1		3.2	3.3	3.7	110	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			DA*P782-S*3		3.2	3.3	3.2	97	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			MB*SBLK*22	07/24/89	2.8	3.3	2.8	85	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			SPI*SBLK*22		2.8	3.3	2.9	88	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			DA*P782-S*8		2.8	3.3	2.8	85	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			DA*P782-S*9		2.8	3.3	3.0	91	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			DA*P782-S*10		2.8	3.3	3.0	91	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			DA*P782-S*11		2.8	3.3	2.8	85	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			MB*SBLK*27	08/03/89	3.0	3.3	3.0	91	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			SPI*SBLK*27	08/04/89	3.0	3.3	2.9	88	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			DA*P782-S*12		3.0	3.3	3.4	100	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			DA*P782-S*13		3.0	3.3	3.1	94	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			DA*P782-S*14		3.0	3.3	3.6	110	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			DA*P782-S*15		3.0	3.3	3.3	100	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			MB*SBLK*30	08/03/89	2.9	3.3	2.9	88	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			SPI*SBLK*30	08/04/89	2.9	3.3	2.7	82	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			DA*P782-S*16		2.9	3.3	2.9	88	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY			DA*P782-S*17		2.9	3.3	3.0	91	30-115		
2-FLUOROBIPHENYL	MG/KG-DRY	97024*SUR	D994	MB*SBLK*20	07/05/89	5.7	6.7	5.7	85	25-121		

11/17/89

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Hunter/ESE, INC.
 QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES
 Surrogate Spike Recovery Summary

NAME	UNITS	STOR METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%REC	RECV CRIT	FOOTNOTE
2-FLUOROPHENOL	MG/KG-DRY	97024*SUR	D994	SPI*SBLK*20	07/05/89	5.7	6.7	5.7	85	25-121	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*6		5.7	6.7	6.8	100	25-121	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*7		5.7	6.7	6.0	90	25-121	
2-FLUOROPHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/19/89	6.8	6.7	6.8	100	25-121	
2-FLUOROPHENOL	MG/KG-DRY			SPI*SBLK*19		6.8	6.7	7.1	110	25-121	
2-FLUOROPHENOL	MG/KG-DRY			SPM1*P782-S*1	06/20/89	6.8	6.7	6.3	94	25-121	
2-FLUOROPHENOL	MG/KG-DRY			SPH2*P782-S*1		6.8	6.7	6.4	96	25-121	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*1		6.8	6.7	7.6	110	25-121	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*3		6.8	6.7	7.0	100	25-121	
2-FLUOROPHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	3.6	6.7	3.6	54	25-121	
2-FLUOROPHENOL	MG/KG-DRY			SPI*SBLK*22		3.6	6.7	6.0	90	25-121	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*8		3.6	6.7	6.4	96	25-121	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*9		3.6	6.7	6.3	94	25-121	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*10		3.6	6.7	6.9	100	25-121	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*11		3.6	6.7	7.5	110	25-121	
2-FLUOROPHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/03/89	5.5	6.7	5.5	82	25-121	
2-FLUOROPHENOL	MG/KG-DRY			SPI*SBLK*27	08/04/89	5.5	6.7	5.5	82	25-121	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*12		5.5	6.7	6.5	97	25-121	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*13		5.5	6.7	5.4	81	25-121	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*14		5.5	6.7	6.2	93	25-121	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*15		5.5	6.7	6.0	90	25-121	
2-FLUOROPHENOL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	4.7	6.7	4.7	70	25-121	
2-FLUOROPHENOL	MG/KG-DRY			SPI*SBLK*30	08/04/89	4.7	6.7	4.4	66	25-121	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*16		4.7	6.7	2.2	33	25-121	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*17		4.7	6.7	1.9	28	25-121	
2-FLUOROPHENOL	MG/KG-DRY		D1110	MB*EXTRBLK*69	08/28/89	50	50	50	100	86-115	
2-FLUOROPHENOL	UG/L	98315*SUR		DA*P782-S*16		50	50	51	100	86-115	
2-FLUOROPHENOL	UG/L			DA*P782-S*17		50	50	52	100	86-115	
2-FLUOROPHENOL	MG/KG-DRY		D994	MB*SBLK*20	07/05/89	2.3	3.3	2.3	70	23-120	
2-FLUOROPHENOL	MG/KG-DRY			SPI*SBLK*20		2.3	3.3	2.4	73	23-120	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*6		2.3	3.3	2.8	85	23-120	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*7		2.3	3.3	2.4	73	23-120	
2-FLUOROPHENOL	MG/KG-DRY		D995	MB*SBLK*19	06/19/89	2.7	3.3	2.7	82	23-120	
2-FLUOROPHENOL	MG/KG-DRY			SPI*SBLK*19		2.7	3.3	3.0	91	23-120	
2-FLUOROPHENOL	MG/KG-DRY			SPM1*P782-S*1	06/20/89	2.7	3.3	2.6	79	23-120	
2-FLUOROPHENOL	MG/KG-DRY			SPH2*P782-S*1		2.7	3.3	2.6	79	23-120	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*1		2.7	3.3	3.3	100	23-120	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*3		2.7	3.3	2.8	85	23-120	
2-FLUOROPHENOL	MG/KG-DRY		D1069	MB*SBLK*22	07/24/89	2.8	3.3	2.8	85	23-120	
2-FLUOROPHENOL	MG/KG-DRY			SPI*SBLK*22		2.8	3.3	2.8	85	23-120	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*8		2.8	3.3	3.0	91	23-120	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*9		2.8	3.3	3.2	97	23-120	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*10		2.8	3.3	3.6	110	23-120	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*11		2.8	3.3	3.4	100	23-120	
2-FLUOROPHENOL	MG/KG-DRY		D1083	MB*SBLK*27	08/03/89	2.7	3.3	2.7	82	23-120	
2-FLUOROPHENOL	MG/KG-DRY			SPI*SBLK*27	08/04/89	2.7	3.3	2.6	79	23-120	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*12		2.7	3.3	3.1	94	23-120	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*13		2.7	3.3	2.8	85	23-120	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*14		2.7	3.3	3.1	94	23-120	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*15		2.7	3.3	2.7	82	23-120	
2-FLUOROPHENOL	MG/KG-DRY		D1085	MB*SBLK*30	08/03/89	2.6	3.3	2.6	79	23-120	
2-FLUOROPHENOL	MG/KG-DRY			SPI*SBLK*30	08/04/89	2.6	3.3	2.5	76	23-120	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*16		2.6	3.3	2.6	79	23-120	
2-FLUOROPHENOL	MG/KG-DRY			DA*P782-S*17		2.6	3.3	2.6	79	23-120	
2-FLUOROPHENOL	MG/KG-DRY		D994	MB*SBLK*20	07/05/89	5.6	6.7	5.6	84	24-113	
2-FLUOROPHENOL	MG/KG-DRY			SPI*SBLK*20		5.6	6.7	6.3	94	24-113	

11/17/89 Hunter/ESE, INC.
 QUALITY CONTROL SUMMARY FOR PLANT 78 SOIL SAMPLES
 Surrogate Spike Recovery Summary

NAME	UNITS	STOR#METH	BATCH	SAMPLE	DATE	MB	TARGET	FOUND	%REC	REC	CRIT	FOOTNOTE
PHENOL-D(5)	MG/KG-DRY	97023*SUR	D994	DA*P782-S*6	07/05/89	5.6	6.7	6.6	99	24-113		
PHENOL-D(5)	MG/KG-DRY			DA*P782-S*7		5.6	6.7	5.7	85	24-113		
PHENOL-D(5)	MG/KG-DRY		D995	MB*SBK*19	06/19/89	7.7	6.7	7.7	110	24-113		
PHENOL-D(5)	MG/KG-DRY			SPI*SBK*19		7.7	6.7	6.7	100	24-113		
PHENOL-D(5)	MG/KG-DRY			SPM1*P782-S*1	06/20/89	7.7	6.7	6.2	93	24-113		
PHENOL-D(5)	MG/KG-DRY			SPM2*P782-S*1		7.7	6.7	6.7	100	24-113		
PHENOL-D(5)	MG/KG-DRY			DA*P782-S*1		7.7	6.7	8.2	120	24-113		9
PHENOL-D(5)	MG/KG-DRY			DA*P782-S*3		7.7	6.7	7.3	110	24-113		
PHENOL-D(5)	MG/KG-DRY		D1069	MB*SBK*22	07/24/89	4.1	6.7	4.1	61	24-113		
PHENOL-D(5)	MG/KG-DRY			SPI*SBK*22		4.1	6.7	6.8	100	24-113		
PHENOL-D(5)	MG/KG-DRY			DA*P782-S*8		4.1	6.7	7.1	110	24-113		
PHENOL-D(5)	MG/KG-DRY			DA*P782-S*9		4.1	6.7	8.1	120	24-113		9
PHENOL-D(5)	MG/KG-DRY			DA*P782-S*10		4.1	6.7	9.0	130	24-113		9
PHENOL-D(5)	MG/KG-DRY			DA*P782-S*11		4.1	6.7	8.6	130	24-113		9
PHENOL-D(5)	MG/KG-DRY		D1083	MB*SBK*27	08/03/89	7.1	6.7	7.1	110	24-113		
PHENOL-D(5)	MG/KG-DRY			SPI*SBK*27	08/04/89	7.1	6.7	6.5	97	24-113		
PHENOL-D(5)	MG/KG-DRY			DA*P782-S*12		7.1	6.7	8.1	120	24-113		9
PHENOL-D(5)	MG/KG-DRY			DA*P782-S*13		7.1	6.7	7.0	100	24-113		
PHENOL-D(5)	MG/KG-DRY			DA*P782-S*14		7.1	6.7	8.0	120	24-113		9
PHENOL-D(5)	MG/KG-DRY			DA*P782-S*15		7.1	6.7	7.5	110	24-113		
PHENOL-D(5)	MG/KG-DRY		D1085	MB*SBK*30	08/03/89	4.6	6.7	4.6	69	24-113		
PHENOL-D(5)	MG/KG-DRY			SPI*SBK*30	08/04/89	4.6	6.7	4.4	66	24-113		
PHENOL-D(5)	MG/KG-DRY			DA*P782-S*16		4.6	6.7	2.3	34	24-113		
PHENOL-D(5)	MG/KG-DRY			DA*P782-S*17		4.6	6.7	2.1	31	24-113		
TERPHENYL-D(14)	UG/G-DRY	97449*SUR	D994	MB*SBK*20	07/05/89	2.76	3.33	2.76	82.9	18-137		
TERPHENYL-D(14)	UG/G-DRY			SPI*SBK*20		2.76	3.33	2.58	77.5	18-137		
TERPHENYL-D(14)	UG/G-DRY			DA*P782-S*6		2.76	3.33	3.05	91.6	18-137		
TERPHENYL-D(14)	UG/G-DRY			DA*P782-S*7		2.76	3.33	2.68	80.5	18-137		
TERPHENYL-D(14)	UG/G-DRY		D995	MB*SBK*19	06/19/89	3.13	3.33	3.13	94.0	18-137		
TERPHENYL-D(14)	UG/G-DRY			SPI*SBK*19		3.13	3.33	2.99	89.8	18-137		
TERPHENYL-D(14)	UG/G-DRY			SPM1*P782-S*1	06/20/89	3.13	3.33	2.72	81.7	18-137		
TERPHENYL-D(14)	UG/G-DRY			SPM2*P782-S*1		3.13	3.33	2.90	87.1	18-137		
TERPHENYL-D(14)	UG/G-DRY			DA*P782-S*1		3.13	3.33	3.32	99.7	18-137		
TERPHENYL-D(14)	UG/G-DRY		D1069	DA*P782-S*3	07/24/89	3.07	3.33	3.07	92.2	18-137		
TERPHENYL-D(14)	UG/G-DRY			MB*SBK*22		3.07	3.33	3.17	95.2	18-137		
TERPHENYL-D(14)	UG/G-DRY			SPI*SBK*22		3.07	3.33	3.42	103	18-137		
TERPHENYL-D(14)	UG/G-DRY			DA*P782-S*8		3.07	3.33	3.56	107	18-137		
TERPHENYL-D(14)	UG/G-DRY			DA*P782-S*9		3.07	3.33	3.92	118	18-137		
TERPHENYL-D(14)	UG/G-DRY			DA*P782-S*10		3.07	3.33	3.77	113	18-137		
TERPHENYL-D(14)	UG/G-DRY		D1083	DA*P782-S*11	08/03/89	2.87	3.33	2.87	86.2	18-137		
TERPHENYL-D(14)	UG/G-DRY			MB*SBK*27		2.87	3.33	2.87	88.9	18-137		
TERPHENYL-D(14)	UG/G-DRY			SPI*SBK*27	08/04/89	2.87	3.33	2.96	88.9	18-137		
TERPHENYL-D(14)	UG/G-DRY			DA*P782-S*12		2.87	3.33	3.30	99.1	18-137		
TERPHENYL-D(14)	UG/G-DRY			DA*P782-S*13		2.87	3.33	3.08	92.5	18-137		
TERPHENYL-D(14)	UG/G-DRY			DA*P782-S*14		2.87	3.33	3.55	107	18-137		
TERPHENYL-D(14)	UG/G-DRY			DA*P782-S*15		2.87	3.33	3.22	96.7	18-137		
TERPHENYL-D(14)	UG/G-DRY		D1085	MB*SBK*30	08/03/89	2.88	3.33	2.88	86.5	18-137		
TERPHENYL-D(14)	UG/G-DRY			SPI*SBK*30	08/04/89	2.88	3.33	3.10	93.1	18-137		
TERPHENYL-D(14)	UG/G-DRY			DA*P782-S*16		2.88	3.33	3.02	90.7	18-137		
TERPHENYL-D(14)	UG/G-DRY			DA*P782-S*17		2.88	3.33	2.80	84.1	18-137		
TOLUENE-D(8)	UG/L	98810*SUR	D1110	MB*EXTRBLK*69	08/28/89	51	50	51	100	88-110		
TOLUENE-D(8)	UG/L			DA*P782-S*16		51	50	53	110	88-110		
TOLUENE-D(8)	UG/L			DA*P782-S*17		51	50	52	100	88-110		

FOOTNOTES FOR THE EVALUATION OF THE PLANT 78 QUALITY CONTROL SUMMARIES:

11. RPD is outside the acceptable range. The method blank, standard matrix spikes, and the sample matrix spikes are all within acceptable criteria, indicating the sample may be nonhomogeneous.

12. An error was made in spiking into the standard matrix spike for this analysis. It is felt that the standard soil was double-spiked, which gave higher than normal recoveries. However, all samples in this lot were less than the detection limit for the target analytes. Therefore, sample analysis data for this batch can be reported.

General Discussion: There were no significant analytical problems encountered (other than items 3,7, and 10 above) that required corrective action. The methods were "in control" and QC data outside acceptance limits were typically documented as matrix effects as discussed above.

FOOTNOTES FOR THE EVALUATION OF THE PLANT 78 QUALITY CONTROL SUMMARIES:

1. Value reported for the method blank is considered acceptable because value is less than the maximum acceptable criteria.
2. Spike recovery is outside the criteria range. The value for the standard matrix spike recovery was rounded to three significant figures. Thus the value was rounded out of acceptable criteria range.
3. Surrogate spike recovery is outside of acceptable range. Surrogate recoveries for the method blank, standard matrix spike, and/or sample matrix spike are within control limits, indicating there is a potential for matrix interferences.
4. Value reported for the method blank is above the quantitation limit and the analyte is present in some of the samples in this data batch. The samples are considered individually before being blank corrected. In this case, the samples have not been blank corrected. The analyte is not reported as a hit unless it is confirmed on the second column.
5. Spike recovery is outside the criteria range. Majority of controlling analytes are in control, method is considered in control and data is acceptable.
6. Additional QC data in this batch indicates that the method is in control and data is acceptable. Method blank, calibration QC checks, replicates, majority of standard matrix spikes, and/or sample matrix spikes are acceptable.
7. Sample matrix spike recovery is outside criteria. High analyte values present in the unspiked sample are swamping out the amount added in the matrix spike. Method blanks, calibration QC checks and laboratory control samples are within acceptance criteria.
8. RPD is outside criteria. Both values are slightly greater than the method detection limit, but less than the limit of quantitation. Therefore, the difference in the RPD is insignificant.
9. Surrogate spike recovery or standard matrix spike is outside acceptable range for this surrogate. The surrogate recovery for the majority of samples and analytes are within criteria for this data batch, indicating the method is in control and the data is acceptable.
10. Spike recovery is outside criteria range. Surrogate recoveries, sample matrix spike recoveries, and method blank are within control limits, indicating that there is a potential for matrix interference.

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Table of Definitions for QC Report
Columnar Terms

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Item	Title	Definition
FOUND	Sample Concentration	
FOUND # 1	Concentration of UNSPIKED Sample	SPIKE SAMPLE CONC - UNSPIKED SAMPLE CONC
FOUND # 2	Concentration of Replicate Sample	
%RECV	Percent Recovery:	100 * (FOUND/ TARGET) displayed in appropriate significant figures
RECV CRIT	Recovery Criteria	Criteria for Percent Recovery set in the parameter record.
UNSPKED	Unspiked Sample Concentration	Concentration of the DA or UN sample
M*BLK	Concentration of Method Blank	
R.P.D.	Relative Percent Difference (Matrix Spikes)	100 * (ABS (%RECV SPMn - %RECV SPMn-1))/(%RECV SPMn + %RECV SPMn-1)/2)
R.P.D.	Replicate Percent Difference (Control Spikes)	100 * (ABS (%RECV SPn - %RECV SP1))/(%RECV SPn + %RECV SP1)/2)
R.P.D.	Replicate Percent Difference (Replicate Samples)	100 * (ABS (Conc Rep #2 - Conc Rep #1))/(Conc Rep #2 + Conc Rep #1)/2)
MAX % REPL DIFF	Maximum value of Replicate Difference	
C.D.L.	Calibration Curve Detection Limit	
NA	Not Analyzed	
N/A	Not Available	

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Table of Definitions for QC Report
Special Terms

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Item	Title	Definition
D*1		No analysis date.R*1
U*2		Raw sample or UN sample is null or does not exist.
T*1		Target is null or 0.
RPD*1		SPI data is null or does not exist.
U*1		UN or DA parameter status is NR (NOT REQUESTED)
UNSPIKED = 0		If the parameter is reported as a "LESS THAN" the data is converted to 0 for calculation purposes
BLANK LINE		Sample status is either NA or NR. NA=NOT ANALYZED, NR=NOT REQUESTED
NC		No curve found.
NDL		No curve detection limit in the curve record.
MIN.REC	Minimum Recovery Limit	Average Recovery - Recovery Limit
MAX.REC	Maximum Recovery Limit	Average Recovery + Recovery Limit

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Glossary of Terms and Symbols

Hunter Services, Inc.
Table of Definitions for QC Report

Item	Title	Definition
FOUND	Sample Concentration	SPIKE SAMPLE CONC - UNSPIKED SAMPLE CONC.
FOUND #1	Concentration of UNSPIKED Sample	
FOUND #2	Concentration of Replicate Sample	
%RECV	Percent Recovery	100 x (FOUND/TARGET) (see note below)
RECV CRIT	Criteria for Percent Recovery set in the parameter record.	
UNSPIKED	Unspiked Sample Concentration	
M*BLK	Concentration of Method Blank	
R.P.D.	Relative Percent Difference (Matrix Spikes)	$100 \times (\text{ABS } (\% \text{RECV SPMn} - \% \text{RECV SPMn-1}) / (\% \text{RECV SPMn} + \% \text{RECV SPMn-1})) / 2$ where $n > \text{or} = 2$
R.P.D.	Relative Percent Difference (Control Spikes)	$100 \times (\text{ABS } (\% \text{RECV SPn} - \% \text{RECV SP1}) / (\% \text{RECV SPn} + \% \text{RECV SP1}))$, where $n > \text{or} = 2$
R.P.D.	Relative Percent Difference (Replicate Spikes)	$100 \times (\text{ABS } (\% \text{RECV SPn} - \% \text{RECV SP1}) / (\% \text{RECV SP1} + \% \text{RECV RP1}))$, where $n > \text{or} = 2$
MAX % REPL DIFF	Maximum value of Replicate Difference	Criteria for RPD set in the parameter record.
ABS	Absolute value of calculation	
RPD CRIT	Relative Percent Difference Criteria	
TARGET	Amount of specific analyte added to the standard or sample matrix	
BATCH	File that contains sample and QC data.	
STOR*METH	STORET (Storage/Retrieval) system with Method Code. These codes are for internal ESE use only.	
T*1	Target value is null or 0 in the data batch.	
U*1	The parameter is not requested for that sample, so the concentration in the unspiked sample cannot be calculated.	
U*2	The unspiked sample data is not located in that data batch.	
RPD*1	The SPI data is not located in that data batch.	
CVA	Cold Vapor Atomic Absorption	
GFAA	Graphite Furnace Atomic Absorption	
AICP	Air Force project, using Inductively Coupled Argon Plasma	
GMS	Gainesville Lab, using Gas Chromatography/Mass Spec.	
EC	Gas chromatography method with an Electron Capture Detector	
HA	Gas chromatography method with a Hall Detector	
IC	Ion chromatography	
AI or I	Air Force project, classical inorganic methods	
SAMPLE	ESE's sample designation	
DATE	Date of analysis	
UNITS	Method of expressing concentration	
MG/L	Milligrams per liter	
UG/L	Micrograms per liter	
NAME	Parameter	
NA	Not Available	
N/A	Not applicable	
MB*NONE*n	Method blank n can represent the number of method blanks in the batch or the date of preparation if more than one day of extractions are contained in the batch.	
RF*REF Id.	Reference material.	
RP*FIELD GROUP*SEQ #	Replicate analysis; identifying the sample replicated	
SPn*NONE*n	Standard matrix spike of QC check sample	
LCS*NONE*n	Standard matrix spike of QC check sample for metals	
SPX*FIELD GROUP*SEQ#	For metals analysis only, this is an analytical or post digestion sample matrix spike.	
SPMn*FIELD GROUP*SEQ#	Sample matrix spike, identifying the sample spiked	
SUR*FIELD GROUP*SEQ#	Surrogate spike, identifying the sample or the laboratory sample spiked.	
For multiple spikes, all are compared to the first spike, when calculating the RPD value.		
For values that are less than the detection limit, the detection limit is used for calculation purposes.		
Calculations are performed using the number of significant figures specific to that analysis.		
Example: If target = 40, and found = 41; calculated % recovery = 102.5 reported % recovery = 100.		

DEFINITIONS

Trip Blank: A sample bottle is filled with ASTM Type II Reagent Water in the laboratory, transported to the site, handled like a sample, and returned to the laboratory for analysis (trip blanks are not to be opened in the field). The trip blank for soils is Type II Reagent Water just as in the case of water samples.

Ambient Conditions Blank: Type II Reagent Water is poured into a samples container at the site, the is handled like a sample and transported to laboratory for analysis.

Equipment Blank: Type II Reagent Water is poured into the sampling device, or pumped through it (in the case of sampling pumps), transferred to the sample bottle, and then transported to the laboratory for analysis.

Duplicate: Two samples collected independently at a sampling location during a single act of sampling. Field duplicates shall be disguised so that laboratory personnel performing the analyses are not able to determine which samples are duplicates.

Method Blank: Method blanks consist of analyte-free water or soil, processed in the exact manner as the samples within a batch, using identical reagents and solvents.

Sample Matrix Spike: For every 20 samples, a sample is selected that represents the matrix and is spiked in duplicate with analytes specified for each method.

Surrogate Spikes: Surrogate spikes are compounds that are added to every sample analyzed, including the standards, blanks, matrix spikes and QC check samples, to assess the recovery of the method.

Standard Matrix Spikes/QC Check Sample: A QC check sample consists of either an EPA reference, NBS-traceable reference, or an in-laboratory prepared spike into a standard matrix (typically deionized water) using stocks made independently of the calibration standards (i. e. same as a standard matrix spike). The QC check sample or standard matrix spike can serve one or two purposes depending on the method:

- 1) Verify the standard calibration using and independent standard. This occurs when the method involves direct analysis of the sample.
- 2) Differentiate between sample matrix interference and analytical procedural error. Sample matrix spikes that fall outside of precision and/or accuracy acceptance criteria indicate either a matrix interference or a problem with the standard analytical procedure. An acceptable QC check sample provides strong evidence that a matrix interference is present.