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SFIM-AEC-RP-CR-97056

Tooele Army Depot

Revised Final Site-Wide Ecological Risk Assessment

Volume IV
(Appendix I)

February 1998

Rust Environment and Infrastructure
Grand Junction, Colorado 81506

Prepared for
U.S. Army Environmental Center
Aberdeen Proving Ground, Maryland 21010-5401
under
Contract DAAA15-90-D-0007

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APPENDIX I

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Dioxan/Furan
Acronym and Abbreviation List

2378-TCDD	2,3,7,8-Tetrachlorodibenzo-p-dioxin
12378-PeCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin
123478-HxCDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin
123678-HxCDD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin
123789-HxCDD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin
1234678-HpCDD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin
OCDD	Octachlorodibenzodioxin
2378-TCDF	2,3,7 8-Tetrachlorodibenzofuran
12378-PeCDF	1,2,3,7,8-Pentachlorodibenzofuran
23478-PeCDF	2,3,4,7,8-Pentachlorodibenzofuran
123478-HxCDF	1,2,3,4,7,8-Hexachlorodibenzofuran
123678-HxCDF	1,2,3,6,7,8-Hexachlorodibenzofuran
234678-HxCDF	2,3,4,6,7,8-Hexachlorodibenzofuran
123789-HxCDF	1,2,3,7,8,9-Hexachlorodibenzofuran
1234678-HpCDF	1,2,3,4,6,7,8-Heptachlorodibenzofuran
1234789-HpCDF	1,2,3,4,7,8,9-Heptachlorodibenzofuran
OCDF	Octachlorodibenzofuran

SUMMARY STATISTICS
AND
RELATED HAZARD QUOTIENTS

Summary Statistics for the RSA Co-located Soil Data

Analyte Description	Analyte Code	No. of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	678HPD	16	0	2.15E-06	1.395E-05	6.52E-06	3.76E-06	8.36E-06	8.36E-06
1,2,3,4,6,7,8-Heptachlorodibenzofuran	678HPF	16	0	2.75E-06	0.0000555	1.38E-05	1.41E-05	2.07E-05	2.07E-05
1,2,3,4,7,8,9-Heptachlorodibenzofuran	789HPF	16	0	3.05E-06	0.0000625	1.57E-05	1.59E-05	2.34E-05	2.34E-05
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	78HXDD	16	0	2.85E-06	0.000024	8.54E-06	5.96E-06	1.15E-05	1.15E-05
1,2,3,4,7,8-Hexachlorodibenzofuran	78HXDF	16	0	2.95E-06	0.000078	1.63E-05	2.01E-05	2.61E-05	2.61E-05
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	678HXD	16	0	0.0000027	2.395E-05	8.57E-06	6.02E-06	1.15E-05	1.15E-05
1,2,3,6,7,8-Hexachlorodibenzofuran	678HXF	16	0	0.0000028	0.0000675	1.42E-05	1.74E-05	2.27E-05	2.27E-05
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	789HXD	16	0	2.55E-06	0.0000223	7.93E-06	5.58E-06	1.07E-05	1.07E-05
1,2,3,7,8,9-Hexachlorodibenzofuran	789HXF	16	0	3.45E-06	0.00009	1.85E-05	2.33E-05	2.99E-05	2.99E-05
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	78PCDD	16	0	5.55E-06	0.0000256	1.20E-05	6.63E-06	1.52E-05	1.52E-05
1,2,3,7,8-Pentachlorodibenzofuran	78PCDF	16	0	0.0000028	4.175E-05	1.09E-05	1.03E-05	1.59E-05	1.59E-05
1,2,3-Trichlorobenzene	123TCB	16	0	0.016	0.016	1.60E-02	0.00E+00	NA[a]	1.60E-02
1,2,4-Trichlorobenzene	124TCB	16	0	0.11	0.11	1.10E-01	0.00E+00	NA	1.10E-01
1,2-Dichlorobenzene	12DCLB	16	0	0.021	0.021	2.10E-02	4.17E-10	2.10E-02	2.10E-02
1,2-Diphenylhydrazine	12DPH	16	0	0.26	0.26	2.60E-01	7.70E-09	2.60E-01	2.60E-01
1,3,5-Trinitrobenzene	135TNB	16	0	0.461	0.461	4.61E-01	0.00E+00	NA	4.61E-01
1,3-Dichlorobenzene	13DCLB	16	0	0.021	0.021	2.10E-02	4.17E-10	2.10E-02	2.10E-02
1,3-Dinitrobenzene	13DNB	16	0	0.252	0.252	2.52E-01	7.70E-09	2.52E-01	2.52E-01
1,4-Dichlorobenzene	14DCLB	16	0	0.017	0.017	1.70E-02	0.00E+00	NA	1.70E-02
1,4-Oxathiane	OXAT	16	0	0.0375	0.0375	3.75E-02	9.62E-10	3.75E-02	3.75E-02
2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	PPDDT	16	12.5	0.00175	0.00667	2.36E-03	1.68E-03	3.18E-03	3.18E-03
2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	PPDDE	16	0	0.00135	0.00135	1.35E-03	0.00E+00	NA	1.35E-03
2,3,4,6,7,8-Hexachlorodibenzofuran	234HXF	16	0	0.0000031	0.0000775	1.63E-05	2.00E-05	2.61E-05	2.61E-05
2,3,4,7,8-Pentachlorodibenzofuran	234PCF	16	0	2.85E-06	0.0000399	1.05E-05	9.77E-06	1.53E-05	1.53E-05
2,3,6-Trichlorophenol	236TCP	16	0	0.31	0.31	3.10E-01	7.70E-09	3.10E-01	3.10E-01
2,3,7,8-Tetrachlorodibenzodioxin	TCDD	16	0	4.05E-06	2.525E-05	1.14E-05	6.98E-06	1.48E-05	1.48E-05
2,3,7,8-Tetrachlorodibenzofuran	TCDF	16	0	0.0000001	2.225E-05	8.85E-06	6.59E-06	1.21E-05	1.21E-05
2,4,5-Trichlorophenol	245TCP	16	0	0.245	0.245	2.45E-01	0.00E+00	NA	2.45E-01

Summary Statistics for the RSA Co-located Soil Data (continued)

Analyte Description	Analyte Code	No. of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
2,4,6-Trichlorophenol	246TCP	16	0	0.0305	0.0305	3.05E-02	1.08E-09	3.05E-02	3.05E-02
2,4,6-Trinitrotoluene	246TNT	16	0	1	1	1.00E+00	0.00E+00	NA	1.00E+00
2,4-Dichlorophenol	24DCLP	16	0	0.0325	0.0325	3.25E-02	9.62E-10	3.25E-02	3.25E-02
2,4-Dimethylphenol	24DMPN	16	0	1.5	1.5	1.50E+00	0.00E+00	NA	1.50E+00
2,4-Dinitrophenol	24DNP	16	0	2.35	2.35	2.35E+00	0.00E+00	NA	2.35E+00
2,4-Dinitrotoluene	24DNT	16	0	1.25	1.25	1.25E+00	0.00E+00	NA	1.25E+00
2,6-Dinitroaniline	26DNA	16	0	0.285	0.285	2.85E-01	0.00E+00	NA	2.85E-01
2,6-Dinitrotoluene	26DNT	16	0	1	1	1.00E+00	0.00E+00	NA	1.00E+00
2-Chloronaphthalene	2CNAP	16	0	0.12	0.12	1.20E-01	0.00E+00	NA	1.20E-01
2-Chlorophenol	2CLP	16	0	0.0275	0.0275	2.75E-02	0.00E+00	NA	2.75E-02
2-Methylnaphthalene	2MNAP	16	6.25	0.016	0.029	1.68E-02	3.25E-03	1.84E-02	1.84E-02
2-Nitroaniline	2NANIL	16	0	1.55	1.55	1.55E+00	0.00E+00	NA	1.55E+00
2-Nitrophenol	2NP	16	0	0.55	0.55	5.50E-01	1.33E-08	5.50E-01	5.50E-01
3,3'-Dichlorobenzidine	33DCBD	16	0	0.8	0.8	8.00E-01	1.09E-08	8.00E-01	8.00E-01
3,5-Dinitroaniline	35DNA	16	0	0.8	0.8	8.00E-01	1.09E-08	8.00E-01	8.00E-01
3-Methyl-4-chlorophenol	4CL3C	16	0	0.465	0.465	4.65E-01	1.33E-08	4.65E-01	4.65E-01
3-Nitroaniline	3NANIL	16	0	1.5	1.5	1.50E+00	0.00E+00	NA	1.50E+00
3-Nitrotoluene	3NT	16	0	0.17	0.17	1.70E-01	3.33E-09	1.70E-01	1.70E-01
4,6-Dinitro-2-cresol	46DN2C	16	0	0.4	0.4	4.00E-01	5.44E-09	4.00E-01	4.00E-01
4-Bromophenyl phenyl ether	4BRPPE	16	0	0.0205	0.0205	2.05E-02	3.40E-10	2.05E-02	2.05E-02
4-Chloroaniline	4CANIL	16	0	0.315	0.315	3.15E-01	0.00E+00	NA	3.15E-01
4-Chlorophenyl phenyl ether	4CLPPE	16	0	0.085	0.085	8.50E-02	1.67E-09	8.50E-02	8.50E-02
4-Nitroaniline	4NANIL	16	0	1.55	1.55	1.55E+00	0.00E+00	NA	1.55E+00
4-Nitrophenol	4NP	16	0	1.65	1.65	1.65E+00	2.18E-08	1.65E+00	1.65E+00
Acenaphthene	ANAPNE	16	0	0.0205	0.0205	2.05E-02	3.40E-10	2.05E-02	2.05E-02
Acenaphthylene	ANAPYL	16	0	0.0165	0.0165	1.65E-02	0.00E+00	NA	1.65E-02
Aldrin	ALDRN	16	37.5	0.0007	0.0103	2.58E-03	2.86E-03	3.98E-03	3.98E-03
alpha-Chlordane	ACLDAN	16	0	0.002	0.002	2.00E-03	0.00E+00	NA	2.00E-03

Summary Statistics for the RSA Co-located Soil Data (continued)

Analyte Description	Analyte Code	No. of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
alpha-Hexachlorocyclohexane	ABHC	16	0	0.0014	0.0014	1.40E-03	4.75E-11	1.40E-03	1.40E-03
Aluminum	AL	16	100	1180	17300	6.46E+03	5.87E+03	9.34E+03	9.34E+03
Aniline	ANIL	16	0	0.065	0.065	6.50E-02	1.92E-09	6.50E-02	6.50E-02
Anthracene	ANTRC	16	0	0.355	0.355	3.55E-01	0.00E+00	NA	3.55E-01
Antimony	SB	16	0	0.5	0.5	5.00E-01	0.00E+00	NA	5.00E-01
Arsenic	AS	16	100	3.99	15.1	7.26E+00	2.84E+00	8.65E+00	8.65E+00
Atrazine	ATZ	16	0	0.0325	0.0325	3.25E-02	9.62E-10	3.25E-02	3.25E-02
Barium	BA	16	100	11.1	134	5.93E+01	4.96E+01	8.36E+01	8.36E+01
Benzidine	BENZID	16	0	0.065	0.065	6.50E-02	1.92E-09	6.50E-02	6.50E-02
Benzo[a]anthracene	BAANTR	16	0	0.0205	0.0205	2.05E-02	3.40E-10	2.05E-02	2.05E-02
Benzo[a]pyrene	BAPYR	16	0	0.6	0.6	6.00E-01	1.54E-08	6.00E-01	6.00E-01
Benzo[b]fluoranthene	BBFANT	16	0	0.155	0.155	1.55E-01	3.85E-09	1.55E-01	1.55E-01
Benzo[def]phenanthrene	PYR	16	12.5	0.0415	0.23	6.32E-02	5.95E-02	9.23E-02	9.23E-02
Benzo[ghi]perylene	BGHIPY	16	6.25	0.09	0.35	1.06E-01	6.50E-02	1.38E-01	1.38E-01
Benzo[k]fluoranthene	BKFANT	16	0	0.065	0.065	6.50E-02	1.92E-09	6.50E-02	6.50E-02
Benzoic acid	BENZOA	16	0	1.55	1.55	1.55E+00	0.00E+00	NA	1.55E+00
Benzyl alcohol	BZALC	16	0	0.016	0.016	1.60E-02	0.00E+00	NA	1.60E-02
Beryllium	BE	16	68.75	0.2135	0.823	5.25E-01	2.40E-01	6.42E-01	6.42E-01
beta-Hexachlorocyclohexane	BBHC	16	0	0.00385	0.00385	3.85E-03	8.50E-11	3.85E-03	3.85E-03
Bis(2-chloroethoxy) methane	B2CEXM	16	0	0.095	0.095	9.50E-02	1.92E-09	9.50E-02	9.50E-02
Bis(2-chloroethyl) ether	B2CLEE	16	0	0.18	0.18	1.80E-01	0.00E+00	NA	1.80E-01
Bis(2-chloroisopropyl) ether	B2CIPE	16	0	0.22	0.22	2.20E-01	0.00E+00	NA	2.20E-01
Bis(2-ethylhexyl) phthalate	B2EHP	16	0	0.24	0.24	2.40E-01	0.00E+00	NA	2.40E-01
Butylbenzyl phthalate	BBZP	16	0	0.9	0.9	9.00E-01	0.00E+00	NA	9.00E-01
Cadmium	CD	16	0	0.6	0.6	6.00E-01	1.54E-08	6.00E-01	6.00E-01
Calcium	CA	16	100	12800	45500	2.77E+04	1.18E+04	3.35E+04	3.35E+04
Chlordane	CLDAN	16	0	0.0342	0.0342	3.42E-02	0.00E+00	NA	3.42E-02
Chromium	CR	16	100	2.09	22.6	9.05E+00	7.54E+00	1.27E+01	1.27E+01

Summary Statistics for the RSA Co-located Soil Data (continued)

Analyte Description	Analyte Code	No. of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
Chrysene	CHRY	16	0	0.016	0.016	1.60E-02	0.00E+00	NA	1.60E-02
Cobalt	CO	16	100	3.23	7.74	5.25E+00	1.37E+00	5.92E+00	5.92E+00
Copper	CU	16	100	3.59	39	1.38E+01	7.94E+00	1.77E+01	1.77E+01
Cyanide	CYN	16	0	0.125	0.125	1.25E-01	0.00E+00	NA	1.25E-01
Cyclotetramethylenetetranitramine	HMX	16	0	1	1	1.00E+00	0.00E+00	NA	1.00E+00
delta-Hexachlorocyclohexane	DBHC	16	0	0.00425	0.00425	4.25E-03	0.00E+00	NA	4.25E-03
Di-n-butyl phthalate	DNBP	16	6.25	0.65	1.6	7.09E-01	2.38E-01	8.26E-01	8.26E-01
Di-n-octyl phthalate	DNOP	16	0	0.115	0.115	1.15E-01	0.00E+00	NA	1.15E-01
Dibenz[ah]anthracene	DBAHA	16	0	0.155	0.155	1.55E-01	3.85E-09	1.55E-01	1.55E-01
Dibenzofuran	DBZFUR	16	0	0.19	0.19	1.90E-01	3.85E-09	1.90E-01	1.90E-01
Dibromochloropropane	DBCP	16	0	0.0355	0.0355	3.55E-02	8.33e-10	3.55e-02	3.55e-02
Dicyclopentadiene	DCPD	16	0	0.285	0.285	2.85E-01	0.00E+00	NA	2.85E-01
Dieldrin	DLDRN	16	6.25	0.0008	0.0038	9.88E-04	7.50E-04	1.36E-03	1.36E-03
Diethyl phthalate	DEP	16	18.75	0.12	5.8	5.91E-01	1.44E+00	1.30E+00	1.30E+00
Dimethyl phthalate	DMP	16	0	0.0315	0.0315	3.15E-02	9.62E-10	3.15E-02	3.15E-02
Dithiane	DITH	16	0	0.0325	0.0325	3.25E-02	9.62E-10	3.25E-02	3.25E-02
Endosulfan I	AENSLF	16	0	0.0005	0.0005	5.00E-04	0.00E+00	NA	5.00E-04
Endosulfan II	BENSLF	16	43.75	0.00035	0.00581	1.03E-03	1.36E-03	1.70E-03	1.70E-03
Endosulfan sulfate	ESFSO4	16	25	0.00025	0.00143	4.60E-04	3.94E-04	6.53E-04	6.53E-04
Endrin	ENDRN	16	0	0.00325	0.00325	3.25E-03	0.00E+00	NA	3.25E-03
Endrin aldehyde	ENDRNA	16	6.25	0.00025	0.00193	3.55E-04	4.20E-04	5.61E-04	5.61E-04
Endrin ketone	ENDRNK	16	6.25	0.00025	0.000811	2.85E-04	1.40E-04	3.54E-04	3.54E-04
Famophos	FAMPHR	16	0	0.65	0.65	6.50E-01	0.00E+00	NA	6.50E-01
Fluoranthene	FANT	16	6.25	0.016	0.057	1.86E-02	1.03E-02	2.36E-02	2.36E-02
Fluorene	FLRENE	16	0	0.0325	0.0325	3.25E-02	9.62E-10	3.25E-02	3.25E-02
gamma-Chlordane	GCLDAN	16	0	0.002	0.002	2.00E-03	0.00E+00	NA	2.00E-03
Heptachlor	HPCL	16	0	0.0011	0.0011	1.10E-03	0.00E+00	NA	1.10E-03
Heptachlor epoxide	HPCLE	16	0	0.00065	0.00065	6.50E-04	1.30E-11	6.50E-04	6.50E-04

Summary Statistics for the RSA Co-located Soil Data (continued)

Analyte Description	Analyte Code	No. of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
Hexachlorobenzene	CL6BZ	16	0	0.04	0.04	4.00E-02	6.80E-10	4.00E-02	4.00E-02
Hexachlorobutadiene	HCBD	16	0	0.485	0.485	4.85E-01	0.00E+00	NA	4.85E-01
Hexachlorocyclopentadiene	CL6CP	16	0	0.26	0.26	2.60E-01	7.70E-09	2.60E-01	2.60E-01
Hexachloroethane	CL6ET	16	0	0.9	0.9	9.00E-01	0.00E+00	NA	9.00E-01
Indeno[1,2,3-C,D]pyrene	ICDPYR	16	0	1.2	1.2	1.20E+00	3.08e-08	1.20E+00	1.20E+00
Iron	FE	16	100	2150	17400	7.86E+03	6.37E+03	1.10E+04	1.10E+04
Isodrin	ISODR	16	0	0.0015	0.0015	1.50E-03	0.00E+00	NA	1.50E-03
Isophorone	ISOPHR	16	0	0.195	0.195	1.95E-01	0.00E+00	NA	1.95E-01
Kepone	KEP	16	0	0.65	0.65	6.50E-01	0.00E+00	NA	6.50E-01
Lead	PB	16	93.75	3.72	73.3	1.96E+01	1.53E+01	2.71E+01	2.71E+01
Lindane	LIN	16	0	0.0005	0.0005	5.00E-04	0.00E+00	NA	5.00E-04
Magnesium	MG	16	100	1030	9960	4.16E+03	3.18E+03	5.72E+03	5.72E+03
Malathion	MLTHN	16	0	0.09	0.09	9.00E-02	0.00E+00	NA	9.00E-02
Manganese	MN	16	100	38	499	1.73E+02	1.56E+02	2.49E+02	2.49E+02
Mercury	HG	16	12.5	0.025	0.0697	3.01E-02	1.41E-02	3.70E-02	3.70E-02
Methoxychlor	MEXCLR	16	0	0.01795	0.01795	1.80E-02	0.00E+00	NA	1.80E-02
Mirex	MIREX	16	0	0.07	0.07	7.00E-02	0.00E+00	NA	7.00E-02
N-Nitrosodi-n-propylamine	NNDNPA	16	0	0.55	0.55	5.50E-01	1.33E-08	5.50E-01	5.50E-01
N-Nitrosodimethylamine	NNDMEA	16	0	0.23	0.23	2.30E-01	0.00E+00	NA	2.30E-01
N-Nitrosodiphenylamine	NNDPA	16	0	0.145	0.145	1.45E-01	0.00E+00	NA	1.45E-01
Naphthalene	NAP	16	0	0.37	0.37	3.70E-01	0.00E+00	NA	3.70E-01
Nickel	NI	16	100	2.85	14.8	7.92E+00	4.84E+00	1.03E+01	1.03E+01
Nitrobenzene	NB	16	0	0.57	0.57	5.70E-01	0.00E+00	NA	5.70E-01
o-Cresol	2MP	16	0	0.049	0.049	4.90E-02	0.00E+00	NA	4.90E-02
Octachlorodibenzodioxin - nonspecific	OCDD	16	6.25	0.0000047	0.00126	1.66E-04	3.92E-04	3.58E-04	3.58E-04
Octachlorodibenzofuran - nonspecific	OCDF	16	0	0.000006	0.000178	4.22E-05	5.24E-05	6.79E-05	6.79E-05
p-Chlorophenylmethyl sulfide	CPMS	16	0	0.0485	0.0485	4.85E-02	9.62E-10	4.85E-02	4.85E-02
p-Chlorophenylmethyl sulfone	CPMSO2	16	0	0.033	0.033	3.30E-02	0.00E+00	NA	3.30E-02

Summary Statistics for the RSA Co-located Soil Data (continued)

Analyte Description	Analyte Code	No. of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
p-Chlorophenylmethyl sulfoxide	CPMSO	16	0	0.16	0.16	1.60E-01	2.72E-09	1.60E-01	1.60E-01
p-Cresol	4MP	16	0	0.12	0.12	1.20E-01	0.00E+00	NA	1.20E-01
Parathion	PRTHN	16	0	0.85	0.85	8.50E-01	2.18E-08	8.50E-01	8.50E-01
PCB 1016	PCB016	16	0	0.05	0.05	5.00E-02	6.80E-10	5.00E-02	5.00E-02
PCB 1221	PCB221	16	0	0.05	0.05	5.00E-02	6.80E-10	5.00E-02	5.00E-02
PCB 1232	PCB232	16	0	0.05	0.05	5.00E-02	6.80E-10	5.00E-02	5.00E-02
PCB 1242	PCB242	16	0	0.05	0.05	5.00E-02	6.80E-10	5.00E-02	5.00E-02
PCB 1248	PCB248	16	0	0.05	0.05	5.00E-02	6.80E-10	5.00E-02	5.00E-02
PCB 1254	PCB254	16	0	0.02395	0.02395	2.40E-02	0.00E+00	NA	2.40E-02
PCB 1260	PCB260	16	0	0.02395	0.02395	2.40E-02	0.00E+00	NA	2.40E-02
PCB 1262	PCB262	16	0	3.15	3.15	3.15E+00	9.73E-08	3.15E+00	3.15E+00
Pentachlorophenol	PCP	16	0	0.38	0.38	3.80E-01	7.70E-09	3.80E-01	3.80E-01
Phenanthrene	PHANTR	16	6.25	0.016	0.12	2.25E-02	2.60E-02	3.52E-02	3.52E-02
Phenol	PHENOL	16	0	0.026	0.026	2.60E-02	0.00E+00	NA	2.60E-02
Potassium	K	16	100	302	6090	2.14E+03	2.16E+03	3.20E+03	3.20E+03
ppDDD	PPDDD	16	0	0.00135	0.00135	1.35E-03	0.00E+00	NA	1.35E-03
RDX / Cyclonite	RDX	16	0	0.64	0.64	6.40E-01	1.09E-08	6.40E-01	6.40E-01
Selenium	SE	16	0	0.2245	0.2245	2.25E-01	5.44E-09	2.25E-01	2.25E-01
Silver	AG	16	0	0.4015	0.4015	4.02E-01	0.00E+00	NA	4.02E-01
Sodium	NA	16	100	74.3	594	2.24E+02	1.41E+02	2.93E+02	2.93E+02
Supona	SUPONA	16	0	0.46	0.46	4.60E-01	0.00E+00	NA	4.60E-01
Tetryl	TETRYL	16	0	1.055	1.055	1.06E+00	1.54E-08	1.06E+00	1.06E+00
Thallium	TL	16	0	17.15	17.15	1.72E+01	0.00E+00	NA	1.72E+01
Toxaphene	TXPHEN	16	0	0.113	0.113	1.13E-01	0.00E+00	NA	1.13E-01
Vanadium	V	16	100	2.32	24.3	9.84E+00	8.21E+00	1.39E+01	1.39E+01
Vapona	DDVP	16	0	0.034	0.034	3.40E-02	0.00E+00	NA	3.40E-02
Zinc	ZN	16	100	8.32	127	3.36E+01	3.29E+01	4.97E+01	4.97E+01

Note.- All concentrations and statistics are in μg/g, parts per million.
*Not applicable.

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Final Hazard Quotients for the RSA - Co-located Soil Samples

Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
123TCB	1,2,3-Trichlorobenzene	ND[e]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.49E-05	4.12E-05	1.86E-04	ND	ND
12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.49E-05	4.12E-05	1.86E-04	ND	ND
13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.20E-04	1.20E-05	3.34E-05	1.50E-04	ND	ND
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	8.36E-01	4.73E-02	1.69E-02	3.36E-02	3.36E-02	2.06E-01	2.74E-02	7.61E-02	3.43E-01	ND	ND
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	2.14E+00	1.21E-01	4.33E-02	8.68E-02	8.68E-02	5.30E-01	7.06E-02	1.96E-01	8.83E-01	ND	ND
236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	7.08E-03	1.96E-02	5.53E-02	4.76E-01	ND
24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.84E-01	1.48E-02	4.09E-02	1.11E-01	1.25E-03	ND
26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	2.62E-03	7.27E-03	2.01E-02	1.00E-03	ND
2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	1.86E-04	2.46E-05	6.82E-05	3.12E-04	9.32E-04	1.35E-04
2MP	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	2.89E-06	8.01E-06	3.61E-05	ND	ND
2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4MP	p-Cresol	ND	ND	ND	ND	ND	5.31E-05	7.08E-06	1.96E-05	8.85E-05	ND	ND
4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.51E-02	8.52E-04	3.04E-04	6.05E-04	6.05E-04	3.71E-03	4.94E-04	1.37E-03	6.17E-03	ND	ND
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	5.99E-02	3.39E-03	1.21E-03	2.41E-03	2.41E-03	1.48E-02	1.97E-03	5.45E-03	2.46E-02	ND	ND
678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.58E-01	1.46E-02	5.21E-03	1.04E-02	1.04E-02	6.37E-02	8.48E-03	2.35E-02	1.06E-01	ND	ND
678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	7.28E-03	4.12E-04	1.47E-04	2.93E-04	2.93E-04	1.79E-03	2.39E-04	6.62E-04	2.99E-03	ND	ND
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	6.75E-03	3.82E-04	1.36E-04	2.71E-04	2.71E-04	1.66E-03	2.21E-04	6.13E-04	2.77E-03	ND	ND

Final Hazard Quotients for the RSA - Co-located Soil Samples (continued)

Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.41E-03	1.36E-04	4.85E-05	9.68E-05	9.68E-05	5.93E-04	7.90E-05	2.19E-04	9.87E-04	ND	ND
789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	9.71E-03	5.49E-04	1.96E-04	3.91E-04	3.91E-04	2.39E-03	3.19E-04	8.83E-04	3.98E-03	ND	ND
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.59E-01	1.47E-02	5.22E-03	1.04E-02	1.04E-02	6.38E-02	8.50E-03	2.36E-02	1.06E-01	ND	ND
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	8.42E-03	4.76E-04	1.70E-04	3.38E-04	3.38E-04	2.07E-03	2.76E-04	7.65E-04	3.45E-03	ND	ND
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.38E+00	7.79E-02	2.77E-02	5.57E-02	5.57E-02	3.40E-01	4.53E-02	1.26E-01	5.66E-01	ND	ND
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	2.24E-01	1.27E-02	4.53E-03	9.09E-03	9.09E-03	5.54E-02	7.39E-03	2.05E-02	9.24E-02	ND	ND
ABHC	alpha-Hexachlorocyclohexane	8.37E-04	4.74E-05	1.69E-05	3.38E-05	3.38E-05	ND	ND	ND	ND	ND	ND
ACLDAN	alpha-Chlordane	1.02E-04	5.76E-06	2.05E-06	4.11E-06	4.11E-06	7.38E-05	5.90E-06	1.64E-05	7.37E-05	ND	ND
AENSLF	Endosulfan I	1.20E-03	6.77E-05	2.41E-05	4.82E-05	4.82E-05	ND	ND	ND	ND	ND	ND
AG	Silver	2.31E-02	1.31E-03	4.67E-04	9.30E-04	9.30E-04	2.61E-04	1.67E-05	5.79E-05	2.61E-04	2.01E-01	ND
AL	Aluminum	ND	ND	ND	ND	ND	4.80E+00	4.80E-01	1.06E+00	5.99E+00	1.24E+01	3.23E+00
ALDRN	Aldrin	5.25E-03	2.97E-04	8.14E-05	2.12E-04	2.12E-04	3.24E-03	2.59E-04	7.17E-04	1.62E-03	ND	ND
ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	1.64E-04	2.17E-05	6.00E-05	2.75E-04	8.20E-04	1.18E-04
ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	1.74E-05	4.83E-05	2.21E-04	6.60E-04	9.54E-05
ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ANTRC	Anthracene	ND	ND	ND	ND	ND	2.83E-03	3.75E-04	1.04E-03	4.76E-03	1.42E-02	2.05E-03
AS	Arsenic	4.36E-01	2.47E-02	8.79E-03	1.76E-02	1.76E-02	5.93E-02	7.92E-03	2.20E-02	9.90E-02	8.50E-01	1.42E-01
ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	9.37E-04	3.34E-04	6.68E-04	6.68E-04	6.25E-05	8.33E-06	2.31E-05	1.04E-04	2.40E-03	ND
BA	Barium	6.00E-01	3.39E-02	1.21E-02	2.42E-02	2.42E-02	1.81E-01	2.42E-02	6.71E-02	3.01E-01	1.62E-01	ND
BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.64E-04	2.17E-05	6.00E-05	2.75E-04	8.20E-04	1.18E-04
BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	4.79E-03	6.34E-04	1.76E-03	8.04E-03	1.20E-02	3.47E-03
BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	1.24E-03	1.64E-04	4.54E-04	2.08E-03	6.20E-03	8.96E-04
BBHC	beta-Hexachlorocyclohexane	2.30E-03	1.30E-04	4.64E-05	9.29E-05	9.29E-05	ND	ND	ND	ND	ND	ND
BBZP	Butylbenzyl phthalate	6.21E-02	3.51E-03	1.25E-03	2.50E-03	2.50E-03	2.34E-04	3.12E-05	8.66E-05	3.90E-04	9.00E-03	ND
BE	Beryllium	4.66E-03	2.64E-04	9.40E-05	1.88E-04	1.88E-04	3.94E-04	5.25E-05	1.45E-04	6.56E-04	6.30E-02	ND
BENSLF	Endosulfan II	3.68E-03	2.08E-04	7.42E-05	1.48E-04	1.48E-04	ND	ND	ND	ND	ND	ND
BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.07E-03	1.42E-04	3.95E-04	1.81E-03	5.39E-03	7.79E-04
BZALC	Benzyl alcohol	1.15E-02	6.50E-04	2.32E-04	4.63E-04	4.63E-04	5.18E-04	6.87E-05	1.90E-04	8.71E-04	2.60E-03	3.76E-04
CA	Calcium	ND	ND	ND	ND	ND	6.81E-05	5.45E-06	6.04E-06	6.81E-05	ND	ND
CD	Cadmium	6.62E-01	3.75E-02	1.34E-02	2.48E-02	2.48E-02	ND	ND	ND	ND	ND	ND
CHRY	Chrysene	ND	ND	ND	ND	ND	6.40E-03	8.50E-04	2.36E-03	1.06E-02	2.00E-01	3.00E-02
CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	1.28E-04	1.69E-05	4.69E-05	2.14E-04	6.40E-04	9.25E-05
CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDAN	Chlordane	1.74E-03	9.85E-05	3.51E-05	7.02E-05	7.02E-05	ND	ND	ND	ND	ND	ND
CO	Cobalt	5.00E-03	2.83E-04	1.01E-04	2.02E-04	2.02E-04	1.26E-03	1.01E-04	2.80E-04	1.26E-03	ND	ND
							6.47E-01	8.28E-02	2.30E-01	1.29E+00	2.92E-01	ND

Final Hazard Quotients for the RSA - Co-located Soil Samples (continued)

Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR	Chromium	6.82E+00	3.86E-01	1.37E-01	2.75E-01	2.75E-01	2.73E-02	2.19E-03	6.06E-03	2.19E-02	1.65E-01	3.09E+01
CU	Copper	2.25E-01	1.27E-02	4.53E-03	9.06E-03	9.06E-03	9.76E-02	7.81E-03	2.16E-02	7.81E-02	1.73E-01	2.07E-01
CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	1.24E-03	1.64E-04	4.54E-04	2.08E-03	6.20E-03	8.96E-04
DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DBHC	delta-Hexachlorocyclohexane	2.54E-03	1.44E-04	5.13E-05	1.03E-04	1.03E-04	ND	ND	ND	ND	ND	ND
DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DEP	Diethyl phthalate	8.45E-02	4.78E-03	1.70E-03	3.41E-03	3.41E-03	3.19E-04	4.25E-05	1.18E-04	5.31E-04	1.22E-02	ND
DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DLDRN	Dieldrin	1.93E-03	1.09E-04	3.00E-05	7.79E-05	7.79E-05	1.19E-03	9.53E-05	2.64E-04	5.95E-04	ND	2.69E-05
DMP	Dimethyl phthalate	2.17E-03	1.23E-04	4.38E-05	8.77E-05	8.77E-05	8.20E-06	1.09E-06	3.03E-06	1.37E-05	3.15E-04	ND
DNBP	Di-n-butyl phthalate	5.61E-02	3.18E-03	1.13E-03	2.26E-03	2.26E-03	2.12E-04	2.82E-05	7.83E-05	3.53E-04	4.07E-03	ND
DNOP	Di-n-octyl phthalate	7.94E-03	4.49E-04	1.60E-04	3.20E-04	3.20E-04	2.99E-05	3.99E-06	1.11E-05	4.99E-05	ND	ND
ENDRN	Endrin	2.22E-01	1.26E-02	4.48E-03	8.55E-03	8.55E-03	7.99E-05	6.39E-06	1.77E-05	7.99E-05	ND	ND
ENDRNA	Endrin aldehyde	2.43E-02	1.37E-03	4.89E-04	9.34E-04	9.34E-04	8.73E-06	6.98E-07	1.94E-06	8.73E-06	ND	ND
ENDRNK	Endrin ketone	1.95E-02	1.10E-03	3.93E-04	7.50E-04	7.50E-04	7.01E-06	5.61E-07	1.55E-06	7.01E-06	ND	ND
ESFSO4	Endosulfan sulfate	1.10E-03	6.22E-05	2.22E-05	4.43E-05	4.43E-05	ND	ND	ND	ND	ND	ND
FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FANT	Fluoranthene	ND	ND	ND	ND	ND	1.84E-04	2.44E-05	6.78E-05	3.10E-04	9.25E-04	1.34E-04
FE	Iron	1.96E+01	1.11E+00	3.95E-01	7.91E-01	7.91E-01	1.45E+01	1.93E+00	5.35E+00	2.40E+01	ND	1.07E+01
FLRENE	Fluorene	ND	ND	ND	ND	ND	2.59E-04	3.44E-05	9.52E-05	4.36E-04	1.30E-03	1.88E-04
GCLDAN	gamma-Chlordane	1.59E-03	1.16E-04	4.13E-05	8.27E-05	8.27E-05	7.38E-05	5.90E-06	1.64E-05	7.37E-05	ND	ND
HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HG	Mercury	1.04E-02	5.90E-04	2.10E-04	4.21E-04	4.21E-04	9.75E-04	9.90E-05	2.74E-04	1.24E-03	1.21E-01	3.63E-02
HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	5.90E-04	1.64E-03	7.37E-03	ND	ND
HPCL	Heptachlor	2.63E-03	1.49E-04	5.31E-05	1.06E-04	1.06E-04	ND	ND	ND	ND	ND	ND
HPCLE	Heptachlor epoxide	1.55E-03	8.80E-05	3.14E-05	6.27E-05	6.27E-05	ND	ND	ND	ND	ND	ND
ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	9.66E-03	1.27E-03	3.53E-03	1.59E-02	4.80E-02	6.94E-03
ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	Lindane	1.20E-03	6.77E-05	2.41E-05	4.82E-05	4.82E-05	ND	ND	ND	ND	ND	ND
MEXCLR	Methoxychlor	6.44E-04	3.64E-05	1.30E-05	2.60E-05	2.60E-05	ND	ND	ND	ND	ND	ND
MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	Manganese	4.22E-01	2.39E-02	8.51E-03	1.70E-02	1.70E-02	9.61E-02	1.28E-02	3.55E-02	1.60E-01	4.82E-01	ND

Final Hazard Quotients for the RSA - Co-located Soil Samples (continued)

Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NAP	Naphthalene	ND	ND	ND	ND	ND	2.95E-03	3.91E-04	1.08E-03	4.96E-03	1.48E-02	2.14E-03
NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	1.35E-03	3.73E-03	1.68E-02	ND	1.43E-02
NI	Nickel	2.48E-01	1.40E-02	4.99E-03	9.98E-03	9.98E-03	8.44E-03	1.12E-03	3.12E-03	1.41E-02	4.02E-02	5.02E-02
NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	3.85E-07	1.07E-06	4.81E-06	ND	ND
OCDD	Octachlorodibenzodioxin - nonspecific	1.79E-02	1.01E-03	3.62E-04	7.21E-04	7.21E-04	4.42E-03	5.88E-04	1.63E-03	7.35E-03	ND	ND
OCDF	Octachlorodibenzofuran - nonspecific	1.92E-02	1.09E-03	3.87E-04	7.72E-04	7.72E-04	4.73E-03	6.30E-04	1.75E-03	7.87E-03	ND	ND
OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	Lead	1.30E+00	1.47E-02	2.63E-02	4.21E-02	4.21E-02	1.75E-01	2.33E-02	6.46E-02	2.91E-01	5.33E-02	4.34E-02
PCB016	PCB 1016	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
PCB221	PCB 1221	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
PCB232	PCB 1232	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
PCB242	PCB 1242	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
PCB248	PCB 1248	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
PCB254	PCB 1254	8.59E-02	4.86E-03	1.73E-03	3.47E-03	3.47E-03	1.51E-03	1.54E-04	4.27E-04	1.77E-03	5.99E-04	9.98E-05
PCB260	PCB 1260	8.59E-02	4.86E-03	1.73E-03	3.47E-03	3.47E-03	1.51E-03	1.54E-04	4.27E-04	1.77E-03	5.99E-04	9.98E-05
PCB262	PCB 1262	1.13E+01	6.39E-01	2.28E-01	4.56E-01	4.56E-01	1.99E-01	2.03E-02	5.62E-02	2.32E-01	7.88E-02	1.31E-02
PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHANTR	Phenanthrene	ND	ND	ND	ND	ND	2.70E-04	3.58E-05	9.92E-05	4.54E-04	1.36E-03	1.96E-04
PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	1.53E-06	4.25E-06	1.92E-05	ND	8.67E-04
PPDDD	ppDDD	9.69E-03	5.48E-04	1.95E-04	1.95E-04	7.81E-05	5.61E-06	5.62E-07	1.56E-06	7.03E-06	ND	6.75E-06
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.69E-03	5.48E-04	1.95E-04	1.95E-04	7.81E-05	5.61E-06	5.62E-07	1.56E-06	7.03E-06	ND	6.75E-06
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2.21E-02	1.25E-03	4.46E-04	4.46E-04	1.78E-04	1.28E-05	1.28E-06	3.55E-06	1.60E-05	ND	1.54E-05
PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PYR	Pyrene	ND	ND	ND	ND	ND	7.12E-04	9.44E-05	2.61E-04	1.20E-03	3.57E-03	5.16E-04
RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	1.13E-02	3.14E-02	1.42E-01	ND	ND
SB	Antimony	ND	ND	ND	ND	ND	2.21E-02	2.95E-03	8.18E-03	3.69E-02	1.00E-01	ND
SE	Selenium	2.48E-01	1.40E-02	5.00E-03	9.28E-03	9.28E-03	3.98E-02	3.97E-03	1.10E-02	4.97E-02	2.25E-01	3.21E-03
SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2.73E+00	1.54E-01	5.49E-02	1.10E-01	1.10E-01	6.71E-01	8.94E-02	2.48E-01	1.12E+00	ND	ND
TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.40E-01	1.36E-02	4.84E-03	9.65E-03	9.65E-03	7.88E-02	7.88E-03	2.18E-02	9.84E-02	ND	ND
TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	Thallium	4.92E+01	2.79E+00	9.93E-01	2.48E+00	2.48E+00	5.06E+00	6.07E-01	1.68E+00	7.59E+00	1.72E+01	ND
TXPHEN	Toxaphene	4.05E-01	2.29E-02	8.18E-03	1.64E-02	1.64E-02	ND	ND	ND	ND	ND	ND
V	Vanadium	ND	ND	ND	ND	ND	2.24E-01	1.42E-02	4.97E-02	2.20E-01	6.72E+00	ND
ZN	Zinc	1.28E+00	7.22E-02	2.58E-02	5.15E-02	5.15E-02	6.26E-02	4.00E-03	1.39E-02	6.25E-02	9.61E-01	2.40E-01

*No toxicity data.

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
10	123TCB	1,2,3-Trichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	124TCB	1,2,4-Trichlorobenzene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	12DCLB	1,2-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	12DPH	1,2-Diphenylhydrazine	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	135TNB	1,3,5-Trinitrobenzene	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	1,3-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	13DNB	1,3-Dinitrobenzene	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCLB	1,4-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	2	0.00	0.31	0.31	0.31	0.00	0.00	0.31
	245TCP	2,4,5-Trichlorophenol	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	246TCP	2,4,6-Trichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	246TNT	2,4,6-Trinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	24DCLP	2,4-Dichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	24DMPN	2,4-Dimethylphenol	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	24DNP	2,4-Dinitrophenol	0	2	0.00	2.35	2.35	2.35	0.00	0.00	2.35
	24DNT	2,4-Dinitrotoluene	0	2	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	26DNA	2,6-Dinitroaniline	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	26DNT	2,6-Dinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	2CLP	2-Chlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	2CNAP	2-Chloronaphthalene	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	2MNAP	2-Methylnaphthalene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	2MP	o-Cresol	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	2NANIL	2-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	2NP	2-Nitrophenol	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	33DCBD	3,3'-Dichlorobenzidine	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	35DNA	3,5-Dinitroaniline	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	3NANIL	3-Nitroaniline	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	3NT	3-Nitrotoluene	0	2	0.00	0.17	0.17	0.17	0.00	0.00	0.17
	46DN2C	4,6-Dinitro-2-cresol	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	4BRPPE	4-Bromophenyl phenyl ether	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	4CANIL	4-Chloroaniline	0	2	0.00	0.32	0.32	0.32	0.00	0.00	0.32
	4CL3C	3-Methyl-4-chlorophenol	0	2	0.00	0.47	0.47	0.47	0.00	0.00	0.47
	4CLPPE	4-Chlorophenyl phenyl ether	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	4MP	p-Cresol	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	4NANIL	4-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	4NP	4-Nitrophenol	0	2	0.00	1.65	1.65	1.65	0.00	0.00	1.65
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1	2	50.00	0.00	0.00	0.00	0.00	0.00	7.43E-06
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
10 (cont.)	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ABHC	alpha-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ACLDAN	alpha-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AENSLF	Endosulfan I	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AG	Silver	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	AL	Aluminum	2	2	100.00	3000.00	3990.00	3495.00	700.04	6620.63	3990.00
	ALDRN	Aldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ANAPNE	Acenaphthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANAPYL	Acenaphthylene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANIL	Aniline	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	ANTRC	Anthracene	0	2	0.00	0.36	0.36	0.36	0.00	0.00	0.36
	AS	Arsenic	2	2	100.00	3.30	4.04	3.67	0.52	6.01	4.04
	ATZ	Atrazine	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	B2CEXM	Bis(2-chloroethoxy) methane	0	2	0.00	0.10	0.10	0.10	0.00	0.00	0.10
	B2CIPE	Bis(2-chloroisopropyl) ether	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	B2CLEE	Bis(2-chloroethyl) ether	0	2	0.00	0.18	0.18	0.18	0.00	0.00	0.18
	B2EHP	Bis(2-ethylhexyl) phthalate	0	2	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	BA	Barium	2	2	100.00	49.30	49.80	49.55	0.35	51.13	49.80
	BAANTR	Benzo[a]anthracene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	BAPYR	Benzo[a]pyrene	0	2	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	BBFANT	Benzo[b]fluoranthene	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	BBHC	beta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BBZP	Butylbenzyl phthalate	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	BE	Beryllium	0	2	0.00	0.21	0.21	0.21	0.00	0.00	0.21
	BENSLF	Endosulfan II	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BENZID	Benzidine	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BENZOA	Benzoic acid	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BGHIPY	Benzo[ghi]perylene	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	BKFANT	Benzo[k]fluoranthene	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BZALC	Benzyl alcohol	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CA	Calcium	2	2	100.00	21100.00	41100.00	31100.00	14142.14	94244.00	41100.00
	CD	Cadmium	0	2	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	CHRY	Chrysene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CL6BZ	Hexachlorobenzene	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
10 (cont.)	CL6CP	Hexachlorocyclopentadiene	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	CLDAN	Chlordane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CO	Cobalt	0	2	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	CPMS	p-Chlorophenylmethyl sulfide	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CR	Chromium	2	2	100.00	5.27	6.61	5.94	0.95	10.17	6.61
	CU	Copper	2	2	100.00	3.41	6.04	4.73	1.86	13.03	6.04
	CYN	Cyanide	0	2	0.00	0.13	0.13	0.13	0.00	0.00	0.13
	DBAHA	Dibenz[ah]anthracene	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	DBCP	Dibromochloropropane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	0	2	0.00	0.19	0.19	0.19	0.00	0.00	0.19
	DCPD	Dicyclopentadiene	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	DDVP	Vapona	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	DITH	Dithiane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DLDRN	Dieldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DMP	Dimethyl phthalate	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DNBP	Di-n-butyl phthalate	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	DNOP	Di-n-octyl phthalate	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	ENDRN	Endrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNA	Endrin aldehyde	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	Endosulfan sulfate	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famophos	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	Fluoranthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	FE	Iron	2	2	100.00	5230.00	6530.00	5880.00	919.24	9984.36	6530.00
	FLRENE	Fluorene	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	GCLDAN	gamma-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HCBD	Hexachlorobutadiene	0	2	0.00	0.49	0.49	0.49	0.00	0.00	0.49
	HG	Mercury	1	2	50.00	0.03	0.06	0.04	0.02	0.14	0.06
	HMX	Cyclotetramethylenetetranitramine	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	Heptachlor	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HPCLE	Heptachlor epoxide	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	2	0.00	1.20	1.20	1.20	0.00	0.00	1.20
	ISODR	Isodrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISOPHR	Isophorone	0	2	0.00	0.20	0.20	0.20	0.00	0.00	0.20
	K	Potassium	2	2	100.00	656.00	1110.00	883.00	321.03	2316.37	1110.00
	KEP	Kepone	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
10 (cont.)	LIN	Lindane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MEXCLR	Methoxychlor	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	MG	Magnesium	2	2	100.00	3050.00	4130.00	3590.00	763.68	6999.78	4130.00
	MIREX	Mirex	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	MLTHN	Malathion	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	MN	Manganese	2	2	100.00	79.50	114.00	96.75	24.40	205.67	114.00
	NA	Sodium	2	2	100.00	78.20	109.00	93.60	21.78	190.84	109.00
	NAP	Naphthalene	0	2	0.00	0.37	0.37	0.37	0.00	0.00	0.37
	NB	Nitrobenzene	0	2	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI	Nickel	2	2	100.00	4.23	5.25	4.74	0.72	7.96	5.25
	NNDMEA	N-Nitrosodimethylamine	0	2	0.00	0.23	0.23	0.23	0.00	0.00	0.23
	NNDNPA	N-Nitrosodi-n-propylamine	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	NNDPA	N-Nitrosodiphenylamine	0	2	0.00	0.15	0.15	0.15	0.00	0.00	0.15
	OCDD	Octachlorodibenzodioxin - nonspecific	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OCDF	Octachlorodibenzofuran - nonspecific	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT	1,4-Oxathiane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	PB	Lead	0	2	0.00	3.72	3.72	3.72	0.00	0.00	3.72
	PCB016	PCB 1016	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB221	PCB 1221	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB232	PCB 1232	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB242	PCB 1242	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB248	PCB 1248	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB254	PCB 1254	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB260	PCB 1260	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB262	PCB 1262	0	1	0.00	3.15	3.15	3.15	0.00	0.00	3.15
	PCP	Pentachlorophenol	0	2	0.00	0.38	0.38	0.38	0.00	0.00	0.38
	PHANTR	Phenanthrene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PHENOL	Phenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	PPDDD	ppDDD	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRTHN	Parathion	0	2	0.00	0.85	0.85	0.85	0.00	0.00	0.85
	PYR	Benzo[def]phenanthrene	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	RDX	RDX / Cyclonite	0	2	0.00	0.64	0.64	0.64	0.00	0.00	0.64
	SB	Antimony	0	2	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	SE	Selenium	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	SUPONA	Supona	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2	2	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	2	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	2	0.00	17.15	17.15	17.15	0.00	0.00	17.15

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
10 (cont.)	TXPHEN	Toxaphene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	V	Vanadium	2	2	100.00	7.78	9.24	8.51	1.03	13.12	9.24
	ZN	Zinc	2	2	100.00	20.40	23.50	21.95	2.19	31.74	23.50
11	123TCB	1,2,3-Trichlorobenzene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	124TCB	1,2,4-Trichlorobenzene	0	1	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	12DCLB	1,2-Dichlorobenzene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	12DPH	1,2-Diphenylhydrazine	0	1	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	135TNB	1,3,5-Trinitrobenzene	0	1	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	1,3-Dichlorobenzene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	13DNB	1,3-Dinitrobenzene	0	1	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCLB	1,4-Dichlorobenzene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	1	0.00	0.31	0.31	0.31	0.00	0.00	0.31
	245TCP	2,4,5-Trichlorophenol	0	1	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	246TCP	2,4,6-Trichlorophenol	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	246TNT	2,4,6-Trinitrotoluene	0	1	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	24DCLP	2,4-Dichlorophenol	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	24DMPN	2,4-Dimethylphenol	0	1	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	24DNP	2,4-Dinitrophenol	0	1	0.00	2.35	2.35	2.35	0.00	0.00	2.35
	24DNT	2,4-Dinitrotoluene	0	1	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	26DNA	2,6-Dinitroaniline	0	1	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	26DNT	2,6-Dinitrotoluene	0	1	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	2CLP	2-Chlorophenol	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	2CNAP	2-Chloronaphthalene	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	2MNAP	2-Methylnaphthalene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	2MP	o-Cresol	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	2NANIL	2-Nitroaniline	0	1	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	2NP	2-Nitrophenol	0	1	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	33DCBD	3,3'-Dichlorobenzidine	0	1	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	35DNA	3,5-Dinitroaniline	0	1	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	3NANIL	3-Nitroaniline	0	1	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	3NT	3-Nitrotoluene	0	1	0.00	0.17	0.17	0.17	0.00	0.00	0.17
	46DN2C	4,6-Dinitro-2-cresol	0	1	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	4BRPPE	4-Bromophenyl phenyl ether	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	4CANIL	4-Chloroaniline	0	1	0.00	0.32	0.32	0.32	0.00	0.00	0.32
	4CL3C	3-Methyl-4-chlorophenol	0	1	0.00	0.47	0.47	0.47	0.00	0.00	0.47
	4CLPPE	4-Chlorophenyl phenyl ether	0	1	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	4MP	p-Cresol	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	4NANIL	4-Nitroaniline	0	1	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	4NP	4-Nitrophenol	0	1	0.00	1.65	1.65	1.65	0.00	0.00	1.65

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
11 (cont.)	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1	1	100.00	0.00	0.00	0.00	0.00	0.00	1.40E-05
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ABHC	alpha-Hexachlorocyclohexane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ACLDAN	alpha-Chlordane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AENSLF	Endosulfan I	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AG	Silver	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AL	Aluminum	1	1	100.00	0.40	0.40	0.40	0.00	0.00	0.40
	ALDRN	Aldrin	0	1	0.00	3710.00	3710.00	3710.00	0.00	0.00	3710.00
	ANAPNE	Acenaphthene	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ANAPYL	Acenaphthylene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANIL	Aniline	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANTRC	Anthracene	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	AS	Arsenic	1	1	100.00	0.36	0.36	0.36	0.00	0.00	0.36
	ATZ	Atrazine	0	1	0.00	9.52	9.52	9.52	0.00	0.00	9.52
	B2CEXM	Bis(2-chloroethoxy) methane	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	B2CIPE	Bis(2-chloroisopropyl) ether	0	1	0.00	0.10	0.10	0.10	0.00	0.00	0.10
	B2CLEE	Bis(2-chloroethyl) ether	0	1	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	B2EHP	Bis(2-ethylhexyl) phthalate	0	1	0.00	0.18	0.18	0.18	0.00	0.00	0.18
	BA	Barium	1	1	100.00	0.24	0.24	0.24	0.00	0.00	0.24
	BAANTR	Benzo[a]anthracene	0	1	0.00	145.00	145.00	145.00	0.00	0.00	145.00
	BAPYR	Benzo[a]pyrene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	BBFANT	Benzo[b]fluoranthene	0	1	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	BBHC	beta-Hexachlorocyclohexane	0	1	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	BBZP	Butylbenzyl phthalate	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BE	Beryllium	0	1	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	BENSLF	Endosulfan II	0	1	0.00	0.21	0.21	0.21	0.00	0.00	0.21
	BENZID	Benzidine	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BENZOA	Benzoic acid	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BGHIPY	Benzo[ghi]perylene	0	1	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BKFANT	Benzo[k]fluoranthene	0	1	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	BZALC	Benzyl alcohol	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	CA	Calcium	1	1	100.00	0.02	0.02	0.02	0.00	0.00	0.02
						25300.00	25300.00	25300.00	0.00	0.00	25300.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
11 (cont.)	CD	Cadmium	1	1	100.00	2.14	2.14	2.14	0.00	0.00	2.14
	CHRY	Chrysene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CL6BZ	Hexachlorobenzene	0	1	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	CL6CP	Hexachlorocyclopentadiene	0	1	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	1	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	CLDAN	Chlordane	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CO	Cobalt	0	1	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	CPMS	p-Chlorophenylmethyl sulfide	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	1	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CR	Chromium	1	1	100.00	24.80	24.80	24.80	0.00	0.00	24.80
	CU	Copper	1	1	100.00	154.00	154.00	154.00	0.00	0.00	154.00
	CYN	Cyanide	0	1	0.00	0.13	0.13	0.13	0.00	0.00	0.13
	DBAHA	Dibenz[ah]anthracene	0	1	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	DBCP	Dibromochloropropane	0	1	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	0	1	0.00	0.19	0.19	0.19	0.00	0.00	0.19
	DCPD	Dicyclopentadiene	0	1	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	DDVP	Vapona	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	DITH	Dithiane	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DLDRN	Dieldrin	1	1	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	DMP	Dimethyl phthalate	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DNBP	Di-n-butyl phthalate	0	1	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	DNOP	Di-n-octyl phthalate	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	ENDRN	Endrin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNA	Endrin aldehyde	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	Endosulfan sulfate	1	1	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famophos	0	1	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	Fluoranthene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	FE	Iron	1	1	100.00	47900.00	47900.00	47900.00	0.00	0.00	47900.00
	FLRENE	Fluorene	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	GCLDAN	gamma-Chlordane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HCBD	Hexachlorobutadiene	0	1	0.00	0.49	0.49	0.49	0.00	0.00	0.49
	HG	Mercury	1	1	100.00	0.08	0.08	0.08	0.00	0.00	0.08
	HMX	Cyclotetramethylenetetranitramine	0	1	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	Heptachlor	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HPCLE	Heptachlor epoxide	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	1	0.00	1.20	1.20	1.20	0.00	0.00	1.20
	ISODR	Isodrin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
11 (cont.)	ISOPHR	Isophorone	0	1	0.00	0.20	0.20	0.20	0.00	0.00	0.20
	K	Potassium	1	1	100.00	961.00	961.00	961.00	0.00	0.00	961.00
	KEP	Kepone	0	1	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	LIN	Lindane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MEXCLR	Methoxychlor	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	MG	Magnesium	1	1	100.00	3210.00	3210.00	3210.00	0.00	0.00	3210.00
	MIREX	Mirex	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	MLTHN	Malathion	0	1	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	MN	Manganese	1	1	100.00	329.00	329.00	329.00	0.00	0.00	329.00
	NA	Sodium	1	1	100.00	88.30	88.30	88.30	0.00	0.00	88.30
	NAP	Naphthalene	0	1	0.00	0.37	0.37	0.37	0.00	0.00	0.37
	NB	Nitrobenzene	0	1	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI	Nickel	1	1	100.00	35.70	35.70	35.70	0.00	0.00	35.70
	NNDMEA	N-Nitrosodimethylamine	0	1	0.00	0.23	0.23	0.23	0.00	0.00	0.23
	NNDNPA	N-Nitrosodi-n-propylamine	0	1	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	NNDPA	N-Nitrosodiphenylamine	0	1	0.00	0.15	0.15	0.15	0.00	0.00	0.15
	OCDD	Octachlorodibenzodioxin - nonspecific	1	1	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	OCDF	Octachlorodibenzofuran - nonspecific	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT	1,4-Oxathiane	0	1	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	PB	Lead	1	1	100.00	1500.00	1500.00	1500.00	0.00	0.00	1500.00
	PCB016	PCB 1016	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB221	PCB 1221	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB232	PCB 1232	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB242	PCB 1242	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB248	PCB 1248	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB254	PCB 1254	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB260	PCB 1260	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB262	PCB 1262	0	1	0.00	3.15	3.15	3.15	0.00	0.00	3.15
	PCP	Pentachlorophenol	0	1	0.00	0.38	0.38	0.38	0.00	0.00	0.38
	PHANTR	Phenanthrene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PHENOL	Phenol	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	PPDDD	ppDDD	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRTHN	Parathion	0	1	0.00	0.85	0.85	0.85	0.00	0.00	0.85
	PYR	Benzo[def]phenanthrene	0	1	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	RDX	RDX / Cyclonite	0	1	0.00	0.64	0.64	0.64	0.00	0.00	0.64
	SB	Antimony	1	1	100.00	15.50	15.50	15.50	0.00	0.00	15.50
	SE	Selenium	0	1	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	SUPONA	Supona	0	1	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
11 (cont.)	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	1	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	1	0.00	17.15	17.15	17.15	0.00	0.00	17.15
	TXPHEN	Toxaphene	0	1	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	V	Vanadium	1	1	100.00	7.88	7.88	7.88	0.00	0.00	7.88
	ZN	Zinc	1	1	100.00	843.00	843.00	843.00	0.00	0.00	843.00
12	123TCB	1,2,3-Trichlorobenzene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	124TCB	1,2,4-Trichlorobenzene	0	1	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	12DCLB	1,2-Dichlorobenzene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	12DPH	1,2-Diphenylhydrazine	0	1	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	135TNB	1,3,5-Trinitrobenzene	0	1	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	1,3-Dichlorobenzene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	13DNB	1,3-Dinitrobenzene	0	1	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCLB	1,4-Dichlorobenzene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	1	0.00	0.31	0.31	0.31	0.00	0.00	0.31
	245TCP	2,4,5-Trichlorophenol	0	1	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	246TCP	2,4,6-Trichlorophenol	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	246TNT	2,4,6-Trinitrotoluene	0	1	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	24DCLP	2,4-Dichlorophenol	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	24DMPN	2,4-Dimethylphenol	0	1	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	24DNP	2,4-Dinitrophenol	0	1	0.00	2.35	2.35	2.35	0.00	0.00	2.35
	24DNT	2,4-Dinitrotoluene	0	1	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	26DNA	2,6-Dinitroaniline	0	1	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	26DNT	2,6-Dinitrotoluene	0	1	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	2CLP	2-Chlorophenol	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	2CNAP	2-Chloronaphthalene	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	2MNAP	2-Methylnaphthalene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	2MP	o-Cresol	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	2NANIL	2-Nitroaniline	0	1	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	2NP	2-Nitrophenol	0	1	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	33DCBD	3,3'-Dichlorobenzidine	0	1	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	35DNA	3,5-Dinitroaniline	0	1	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	3NANIL	3-Nitroaniline	0	1	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	3NT	3-Nitrotoluene	0	1	0.00	0.17	0.17	0.17	0.00	0.00	0.17
	46DN2C	4,6-Dinitro-2-cresol	0	1	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	4BRPPE	4-Bromophenyl phenyl ether	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	4CANIL	4-Chloroaniline	0	1	0.00	0.32	0.32	0.32	0.00	0.00	0.32
	4CL3C	3-Methyl-4-chlorophenol	0	1	0.00	0.47	0.47	0.47	0.00	0.00	0.47
	4CLPPE	4-Chlorophenyl phenyl ether	0	1	0.00	0.09	0.09	0.09	0.00	0.00	0.09

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
12 (cont.)	4MP	p-Cresol	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	4NANIL	4-Nitroaniline	0	1	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	4NP	4-Nitrophenol	0	1	0.00	1.65	1.65	1.65	0.00	0.00	1.65
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00.
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ABHC	alpha-Hexachlorocyclohexane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ACLDAN	alpha-Chlordane	1	1	100.00	0.01	0.01	0.01	0.00	0.00	0.01
	AENSLF	Endosulfan I	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AG	Silver	0	1	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	AL	Aluminum	1	1	100.00	4870.00	4870.00	4870.00	0.00	0.00	4870.00
	ALDRN	Aldrin	1	1	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	ANAPNE	Acenaphthene	1	1	100.00	0.31	0.31	0.31	0.00	0.00	0.31
	ANAPYL	Acenaphthylene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANIL	Aniline	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	ANTRC	Anthracene	0	1	0.00	0.36	0.36	0.36	0.00	0.00	0.36
	AS	Arsenic	1	1	100.00	12.10	12.10	12.10	0.00	0.00	12.10
	ATZ	Atrazine	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	B2CEXM	Bis(2-chloroethoxy) methane	0	1	0.00	0.10	0.10	0.10	0.00	0.00	0.10
	B2CIPE	Bis(2-chloroisopropyl) ether	0	1	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	B2CLEE	Bis(2-chloroethyl) ether	0	1	0.00	0.18	0.18	0.18	0.00	0.00	0.18
	B2EHP	Bis(2-ethylhexyl) phthalate	0	1	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	BA	Barium	1	1	100.00	123.00	123.00	123.00	0.00	0.00	123.00
	BAANTR	Benzo[a]anthracene	1	1	100.00	1.20	1.20	1.20	0.00	0.00	1.20
	BAPYR	Benzo[a]pyrene	0	1	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	BBFANT	Benzo[b]fluoranthene	1	1	100.00	2.40	2.40	2.40	0.00	0.00	2.40
	BBHC	beta-Hexachlorocyclohexane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BBZP	Butylbenzyl phthalate	0	1	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	BE	Beryllium	0	1	0.00	0.21	0.21	0.21	0.00	0.00	0.21
	BENSLF	Endosulfan II	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BENZID	Benzidine	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BENZOA	Benzoic acid	0	1	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BGHIPY	Benzo[ghi]perylene	1	1	100.00	0.92	0.92	0.92	0.00	0.00	0.92

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
12 (cont.)	BKFANT	Benzo[k]fluoranthene	1	1	100.00	0.77	0.77	0.77	0.00	0.00	0.77
	BZALC	Benzyl alcohol	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CA	Calcium	1	1	100.00	66000.00	66000.00	66000.00	0.00	0.00	66000.00
	CD	Cadmium	0	1	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	CHRY	Chrysene	1	1	100.00	1.60	1.60	1.60	0.00	0.00	1.60
	CL6BZ	Hexachlorobenzene	0	1	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	CL6CP	Hexachlorocyclopentadiene	0	1	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	1	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	CLDAN	Chlordane	1	1	100.00	0.25	0.25	0.25	0.00	0.00	0.25
	CO	Cobalt	0	1	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	CPMS	p-Chlorophenylmethyl sulfide	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	1	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CR	Chromium	1	1	100.00	11.70	11.70	11.70	0.00	0.00	11.70
	CU	Copper	1	1	100.00	12.30	12.30	12.30	0.00	0.00	12.30
	CYN	Cyanide	0	1	0.00	0.13	0.13	0.13	0.00	0.00	0.13
	DBAHA	Dibenz[ah]anthracene	0	1	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	DBCP	Dibromochloropropane	0	1	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	0	1	0.00	0.19	0.19	0.19	0.00	0.00	0.19
	DCPD	Dicyclopentadiene	0	1	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	DDVP	Vapona	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	DITH	Dithiane	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DLDRN	Dieldrin	1	1	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	DMP	Dimethyl phthalate	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DNBP	Di-n-butyl phthalate	0	1	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	DNOP	Di-n-octyl phthalate	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	ENDRN	Endrin	1	1	100.00	0.01	0.01	0.01	0.00	0.00	0.01
	ENDRNA	Endrin aldehyde	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	Endosulfan sulfate	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famophos	0	1	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	Fluoranthene	1	1	100.00	1.20	1.20	1.20	0.00	0.00	1.20
	FE	Iron	1	1	100.00	6130.00	6130.00	6130.00	0.00	0.00	6130.00
	FLRENE	Fluorene	1	1	100.00	0.13	0.13	0.13	0.00	0.00	0.13
	GCLDAN	gamma-Chlordane	1	1	100.00	0.01	0.01	0.01	0.00	0.00	0.01
	HCBD	Hexachlorobutadiene	0	1	0.00	0.49	0.49	0.49	0.00	0.00	0.49
	HG	Mercury	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	HMX	Cyclotetramethylenetetranitramine	0	1	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	Heptachlor	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
12 (cont.)	HPCLE	Heptachlor epoxide	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	1	0.00	1.20	1.20	1.20	0.00	0.00	1.20
	ISODR	Isodrin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISOPHR	Isophorone	0	1	0.00	0.20	0.20	0.20	0.00	0.00	0.20
	K	Potassium	1	1	100.00	1510.00	1510.00	1510.00	0.00	0.00	1510.00
	KEP	Kepone	0	1	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	LIN	Lindane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MEXCLR	Methoxychlor	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	MG	Magnesium	1	1	100.00	4950.00	4950.00	4950.00	0.00	0.00	4950.00
	MIREX	Mirex	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	MLTHN	Malathion	0	1	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	MN	Manganese	1	1	100.00	157.00	157.00	157.00	0.00	0.00	157.00
	NA	Sodium	1	1	100.00	105.00	105.00	105.00	0.00	0.00	105.00
	NAP	Naphthalene	0	1	0.00	0.37	0.37	0.37	0.00	0.00	0.37
	NB	Nitrobenzene	0	1	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI	Nickel	1	1	100.00	4.66	4.66	4.66	0.00	0.00	4.66
	NNDMEA	N-Nitrosodimethylamine	0	1	0.00	0.23	0.23	0.23	0.00	0.00	0.23
	NNDNPA	N-Nitrosodi-n-propylamine	0	1	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	NNDPA	N-Nitrosodiphenylamine	0	1	0.00	0.15	0.15	0.15	0.00	0.00	0.15
	OCDD	Octachlorodibenzodioxin - nonspecific	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OCDF	Octachlorodibenzofuran - nonspecific	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT	1,4-Oxathiane	0	1	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	PB	Lead	1	1	100.00	70.90	70.90	70.90	0.00	0.00	70.90
	PCB016	PCB 1016	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB221	PCB 1221	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB232	PCB 1232	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB242	PCB 1242	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB248	PCB 1248	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB254	PCB 1254	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB260	PCB 1260	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB262	PCB 1262	0	1	0.00	3.15	3.15	3.15	0.00	0.00	3.15
	PCP	Pentachlorophenol	0	1	0.00	0.38	0.38	0.38	0.00	0.00	0.38
	PHANTR	Phenanthrene	1	1	100.00	1.50	1.50	1.50	0.00	0.00	1.50
	PHENOL	Phenol	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	PPDDD	ppDDD	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRTHN	Parathion	0	1	0.00	0.85	0.85	0.85	0.00	0.00	0.85
	PYR	Benzo[def]phenanthrene	1	1	100.00	1.90	1.90	1.90	0.00	0.00	1.90
	RDX	RDX / Cyclonite	0	1	0.00	0.64	0.64	0.64	0.00	0.00	0.64
	SB	Antimony	1	1	100.00	1.39	1.39	1.39	0.00	0.00	1.39

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
12 (cont.)	SE	Selenium	0	1	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	SUPONA	Supona	0	1	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	1	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	1	0.00	17.15	17.15	17.15	0.00	0.00	17.15
	TXPHEN	Toxaphene	0	1	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	V	Vanadium	1	1	100.00	9.28	9.28	9.28	0.00	0.00	9.28
	ZN	Zinc	1	1	100.00	52.70	52.70	52.70	0.00	0.00	52.70
15	123TCB	1,2,3-Trichlorobenzene	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	124TCB	1,2,4-Trichlorobenzene	0	3	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	12DCLB	1,2-Dichlorobenzene	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	12DPH	1,2-Diphenylhydrazine	0	3	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	135TNB	1,3,5-Trinitrobenzene	0	3	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	1,3-Dichlorobenzene	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	13DNB	1,3-Dinitrobenzene	0	3	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCLB	1,4-Dichlorobenzene	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	3	0.00	0.31	0.31	0.31	0.00	0.00	0.31
	245TCP	2,4,5-Trichlorophenol	0	3	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	246TCP	2,4,6-Trichlorophenol	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	246TNT	2,4,6-Trinitrotoluene	0	3	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	24DCLP	2,4-Dichlorophenol	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	24DMPN	2,4-Dimethylphenol	0	3	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	24DNP	2,4-Dinitrophenol	0	3	0.00	2.35	2.35	2.35	0.00	0.00	2.35
	24DNT	2,4-Dinitrotoluene	0	3	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	26DNA	2,6-Dinitroaniline	0	3	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	26DNT	2,6-Dinitrotoluene	0	3	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	2CLP	2-Chlorophenol	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	2CNAP	2-Chloronaphthalene	0	3	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	2MNAP	2-Methylnaphthalene	2	3	66.67	0.02	4.90	1.83	2.67	6.34	4.90
	2MP	o-Cresol	0	3	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	2NANIL	2-Nitroaniline	0	3	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	2NP	2-Nitrophenol	0	3	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	33DCBD	3,3'-Dichlorobenzidine	0	3	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	35DNA	3,5-Dinitroaniline	0	3	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	3NANIL	3-Nitroaniline	0	3	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	3NT	3-Nitrotoluene	0	3	0.00	0.17	0.17	0.17	0.00	0.00	0.17
	46DN2C	4,6-Dinitro-2-cresol	0	3	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	4BRPPE	4-Bromophenyl phenyl ether	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
15 (cont.)	4CANIL	4-Chloroaniline	0	3	0.00	0.32	0.32	0.32	0.00	0.00	0.32
	4CL3C	3-Methyl-4-chlorophenol	0	3	0.00	0.47	0.47	0.47	0.00	0.00	0.47
	4CLPPE	4-Chlorophenyl phenyl ether	0	3	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	4MP	p-Cresol	0	3	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	4NANIL	4-Nitroaniline	0	3	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	4NP	4-Nitrophenol	0	3	0.00	1.65	1.65	1.65	0.00	0.00	1.65
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1	3	33.33	0.00	0.00	0.00	0.00	0.00	1.50E-04
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1	3	33.33	0.00	0.00	0.00	0.00	0.00	1.75E-05
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ABHC	alpha-Hexachlorocyclohexane	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ACLDAN	alpha-Chlordane	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AENSLF	Endosulfan I	1	3	33.33	0.00	0.00	0.00	0.00	0.00	0.00
	AG	Silver	0	3	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	AL	Aluminum	3	3	100.00	7070.00	7460.00	7266.67	195.02	7595.45	7460.00
	ALDRN	Aldrin	2	3	66.67	0.00	0.00	0.00	0.00	0.00	0.00
	ANAPNE	Acenaphthene	1	3	33.33	0.02	60.00	20.01	34.63	78.39	60.00
	ANAPYL	Acenaphthylene	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANIL	Aniline	0	3	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	ANTRC	Anthracene	1	3	33.33	0.36	70.00	23.57	40.21	91.36	70.00
	AS	Arsenic	3	3	100.00	7.36	67.00	31.39	31.46	84.43	67.00
	ATZ	Atrazine	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	B2CEXM	Bis(2-chloroethoxy) methane	0	3	0.00	0.10	0.10	0.10	0.00	0.00	0.10
	B2CIPE	Bis(2-chloroisopropyl) ether	0	3	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	B2CLEE	Bis(2-chloroethyl) ether	0	3	0.00	0.18	0.18	0.18	0.00	0.00	0.18
	B2EHP	Bis(2-ethylhexyl) phthalate	0	3	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	BA	Barium	3	3	100.00	88.90	232.00	146.30	75.63	273.80	232.00
	BAANTR	Benzo[a]anthracene	3	3	100.00	0.21	100.00	33.47	57.61	130.60	100.00
	BAPYR	Benzo[a]pyrene	1	3	33.33	0.60	100.00	33.73	57.39	130.48	100.00
	BBFANT	Benzo[b]fluoranthene	1	3	33.33	0.16	100.00	33.44	57.65	130.62	100.00
	BBHC	beta-Hexachlorocyclohexane	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BBZP	Butylbenzyl phthalate	0	3	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	BE	Beryllium	0	3	0.00	0.21	0.21	0.21	0.00	0.00	0.21
	BENSLF	Endosulfan II	2	3	66.67	0.00	0.00	0.00	0.00	0.00	0.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
15 (cont.)	BENZID	Benzidine	0	3	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BENZOA	Benzoic acid	0	3	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BGHIPY	Benzo[ghi]perylene	1	3	33.33	0.09	60.00	20.06	34.59	78.37	60.00
	BKFANT	Benzo[k]fluoranthene	2	3	66.67	0.07	100.00	33.45	57.64	130.62	100.00
	BZALC	Benzyl alcohol	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CA	Calcium	3	3	100.00	32300.00	43400.00	37300.00	5631.16	46793.37	43400.00
	CD	Cadmium	3	3	100.00	1.53	6.00	3.07	2.54	7.35	6.00
	CHRY	Chrysene	3	3	100.00	0.30	200.00	66.87	115.29	261.24	200.00
	CL6BZ	Hexachlorobenzene	0	3	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	CL6CP	Hexachlorocyclopentadiene	0	3	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	3	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	CLDAN	Chlordane	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CO	Cobalt	3	3	100.00	3.34	15.30	7.51	6.75	18.89	15.30
	CPMS	p-Chlorophenylmethyl sulfide	0	3	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	3	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CR	Chromium	3	3	100.00	18.70	49.20	29.00	17.49	58.49	49.20
	CU	Copper	3	3	100.00	18.90	3800.00	1293.63	2170.68	4953.11	3800.00
	CYN	Cyanide	0	3	0.00	0.13	0.13	0.13	0.00	0.00	0.13
	DBAHA	Dibenz[ah]anthracene	1	3	33.33	0.16	30.00	10.10	17.23	39.15	30.00
	DBCP	Dibromochloropropane	0	3	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	1	3	33.33	0.19	20.00	6.79	11.44	26.08	2.00E+01
	DCPD	Dicyclopentadiene	0	3	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	DDVP	Vapona	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	3	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	DITH	Dithiane	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DLDRN	Dieldrin	2	3	66.67	0.00	0.02	0.01	0.01	0.02	0.02
	DMP	Dimethyl phthalate	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DNBP	Di-n-butyl phthalate	0	3	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	DNOP	Di-n-octyl phthalate	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	ENDRN	Endrin	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNA	Endrin aldehyde	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	1	3	33.33	0.00	0.01	0.00	0.00	0.01	0.01
	ESFSO4	Endosulfan sulfate	1	3	33.33	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famophos	0	3	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	Fluoranthene	3	3	100.00	0.18	200.00	66.82	115.34	261.26	200.00
	FE	Iron	3	3	100.00	10600.00	36800.00	19566.67	14928.61	44734.25	36800.00
	FLRENE	Fluorene	1	3	33.33	0.03	40.00	13.36	23.08	52.26	40.00
	GCLDAN	gamma-Chlordane	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HCBD	Hexachlorobutadiene	0	3	0.00	0.49	0.49	0.49	0.00	0.00	0.49

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
15 (cont.)	HG	Mercury	2	3	66.67	0.03	0.85	0.31	0.47	1.10	0.85
	HMX	Cyclotetramethylenetetranitramine	0	3	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	Heptachlor	2	3	66.67	0.00	0.01	0.00	0.00	0.01	0.01
	HPCLE	Heptachlor epoxide	1	3	33.33	0.00	0.00	0.00	0.00	0.00	0.00
	ICDPYR	Indeno[1,2,3-C,D]pyrene	1	3	33.33	1.20	60.00	20.80	33.95	78.03	60.00
	ISODR	Isodrin	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISOPHR	Isophorone	0	3	0.00	0.20	0.20	0.20	0.00	0.00	0.20
	K	Potassium	3	3	100.00	1420.00	2330.00	2013.33	514.23	2880.26	2330.00
	KEP	Kepone	0	3	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	LIN	Lindane	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MEXCLR	Methoxychlor	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	MG	Magnesium	3	3	100.00	4900.00	5320.00	5103.33	210.32	5457.90	5320.00
	MIREX	Mirex	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	MLTHN	Malathion	0	3	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	MN	Manganese	3	3	100.00	212.00	305.00	255.67	46.76	334.49	305.00
	NA	Sodium	3	3	100.00	97.60	912.00	379.53	461.40	1157.39	912.00
	NAP	Naphthalene	1	3	33.33	0.37	20.00	6.91	11.33	26.02	20.00
	NB	Nitrobenzene	0	3	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI	Nickel	3	3	100.00	8.93	11.90	10.68	1.55	13.29	11.90
	NNDMEA	N-Nitrosodimethylamine	0	3	0.00	0.23	0.23	0.23	0.00	0.00	0.23
	NNDNPA	N-Nitrosodi-n-propylamine	0	3	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	NNDPA	N-Nitrosodiphenylamine	0	3	0.00	0.15	0.15	0.15	0.00	0.00	0.15
	OCDD	Octachlorodibenzodioxin - nonspecific	2	3	66.67	0.00	0.01	0.00	0.00	0.00	0.00
	OCDF	Octachlorodibenzofuran - nonspecific	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT	1,4-Oxathiane	0	3	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	PB	Lead	3	3	100.00	75.80	224.00	130.53	81.34	267.66	224.00
	PCB016	PCB 1016	0	3	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB221	PCB 1221	0	3	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB232	PCB 1232	0	3	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB242	PCB 1242	0	3	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB248	PCB 1248	0	3	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB254	PCB 1254	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB260	PCB 1260	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB262	PCB 1262	0	1	0.00	3.15	3.15	3.15	0.00	0.00	3.15
	PCP	Pentachlorophenol	0	3	0.00	0.38	0.38	0.38	0.00	0.00	0.38
	PHANTR	Phenanthrene	3	3	100.00	0.32	400.00	133.59	230.72	522.55	400.00
	PHENOL	Phenol	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	PPDDD	ppDDD	1	3	33.33	0.00	0.01	0.00	0.00	0.01	0.01
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	1	3	33.33	0.00	0.03	0.01	0.02	0.04	0.03
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2	3	66.67	0.00	0.05	0.02	0.03	0.06	0.05
	PRTHN	Parathion	0	3	0.00	0.85	0.85	0.85	0.00	0.00	0.85

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
15 (cont.)	PYR	Benzo[def]phenanthrene	3	3	100.00	0.43	400.00	133.67	230.65	522.51	400.00
	RDX	RDX / Cyclonite	0	3	0.00	0.64	0.64	0.64	0.00	0.00	0.64
	SB	Antimony	2	3	66.67	0.50	9.94	5.32	4.72	13.28	9.94
	SE	Selenium	1	3	33.33	0.22	0.73	0.39	0.29	0.89	0.73
	SUPONA	Supona	0	3	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	3	3	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	3	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	3	0.00	17.15	17.15	17.15	0.00	0.00	17.15
	TXPHEN	Toxaphene	0	3	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	V	Vanadium	3	3	100.00	11.10	12.80	12.13	0.91	13.66	12.80
	ZN	Zinc	2	2	100.00	107.00	594.00	350.50	344.36	1888.06	594.00
1B	123TCB	1,2,3-Trichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	124TCB	1,2,4-Trichlorobenzene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	12DCLB	1,2-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	12DPH	1,2-Diphenylhydrazine	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	135TNB	1,3,5-Trinitrobenzene	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	1,3-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	13DNB	1,3-Dinitrobenzene	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCLB	1,4-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	2	0.00	0.31	0.31	0.31	0.00	0.00	0.31
	245TCP	2,4,5-Trichlorophenol	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	246TCP	2,4,6-Trichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	246TNT	2,4,6-Trinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	24DCLP	2,4-Dichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	24DMPN	2,4-Dimethylphenol	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	24DNP	2,4-Dinitrophenol	0	2	0.00	2.35	2.35	2.35	0.00	0.00	2.35
	24DNT	2,4-Dinitrotoluene	0	2	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	26DNA	2,6-Dinitroaniline	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	26DNT	2,6-Dinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	2CLP	2-Chlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	2CNAP	2-Chloronaphthalene	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	2MNAP	2-Methylnaphthalene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	2MP	o-Cresol	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	2NANIL	2-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	2NP	2-Nitrophenol	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	33DCBD	3,3'-Dichlorobenzidine	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	35DNA	3,5-Dinitroaniline	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	3NANIL	3-Nitroaniline	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
1B (cont.)	3NT	3-Nitrotoluene	0	2	0.00	0.17	0.17	0.17	0.00	0.00	0.17
	46DN2C	4,6-Dinitro-2-cresol	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	4BRPPE	4-Bromophenyl phenyl ether	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	4CANIL	4-Chloroaniline	0	2	0.00	0.32	0.32	0.32	0.00	0.00	0.32
	4CL3C	3-Methyl-4-chlorophenol	0	2	0.00	0.47	0.47	0.47	0.00	0.00	0.47
	4CLPPE	4-Chlorophenyl phenyl ether	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	4MP	p-Cresol	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	4NANIL	4-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	4NP	4-Nitrophenol	0	2	0.00	1.65	1.65	1.65	0.00	0.00	1.65
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ABHC	alpha-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ACLDAN	alpha-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AENSLF	Endosulfan I	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AG	Silver	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	AL	Aluminum	2	2	100.00	5870.00	11100.00	8485.00	3698.17	24997.16	11100.00
	ALDRN	Aldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ANAPNE	Acenaphthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANAPYL	Acenaphthylene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANIL	Aniline	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	ANTRC	Anthracene	0	2	0.00	0.36	0.36	0.36	0.00	0.00	0.36
	AS	Arsenic	1	2	50.00	1.25	3.22	2.24	1.39	8.45	3.22
	ATZ	Atrazine	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	B2CEXM	Bis(2-chloroethoxy) methane	0	2	0.00	0.10	0.10	0.10	0.00	0.00	0.10
	B2CIPE	Bis(2-chloroisopropyl) ether	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	B2CLEE	Bis(2-chloroethyl) ether	0	2	0.00	0.18	0.18	0.18	0.00	0.00	0.18
	B2EHP	Bis(2-ethylhexyl) phthalate	0	2	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	BA	Barium	2	2	100.00	69.40	171.00	120.20	71.84	440.97	171.00
	BAANTR	Benzo[a]anthracene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	BAPYR	Benzo[a]pyrene	0	2	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	BBFANT	Benzo[b]fluoranthene	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	BBHC	beta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
1B (cont.)	BBZP	Butylbenzyl phthalate	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	BE	Beryllium	1	2	50.00	0.21	0.57	0.39	0.25	1.50	0.57
	BENSLF	Endosulfan II	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BENZID	Benzidine	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BENZOA	Benzoic acid	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BGHIPY	Benzo[ghi]perylene	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	BKFANT	Benzo[k]fluoranthene	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BZALC	Benzyl alcohol	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CA	Calcium	2	2	100.00	5380.00	13400.00	9390.00	5671.00	34710.74	13400.00
	CD	Cadmium	2	2	100.00	1.93	5.06	3.50	2.21	13.38	5.06
	CHRY	Chrysene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CL6BZ	Hexachlorobenzene	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	CL6CP	Hexachlorocyclopentadiene	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	CLDAN	Chlordane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CO	Cobalt	1	2	50.00	1.25	3.78	2.52	1.79	10.50	3.78
	CPMS	p-Chlorophenylmethyl sulfide	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CR	Chromium	2	2	100.00	9.34	14.60	11.97	3.72	28.58	14.60
	CU	Copper	2	2	100.00	15.20	17.10	16.15	1.34	22.15	17.10
	CYN	Cyanide	0	2	0.00	0.13	0.13	0.13	0.00	0.00	0.13
	DBAHA	Dibenz[ah]anthracene	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	DBCP	Dibromochloropropane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	0	2	0.00	0.19	0.19	0.19	0.00	0.00	0.19
	DCPD	Dicyclopentadiene	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	DDVP	Vapona	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	DITH	Dithiane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DLDRN	Dieldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DMP	Dimethyl phthalate	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DNBP	Di-n-butyl phthalate	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	DNOP	Di-n-octyl phthalate	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	ENDRN	Endrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNA	Endrin aldehyde	1	2	50.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	Endosulfan sulfate	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famophos	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	Fluoranthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	FE	Iron	2	2	100.00	8150.00	12600.00	10375.00	3146.63	24424.54	12600.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
1B (cont.)	FLRENE	Fluorene	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	GCLDAN	gamma-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HCBD	Hexachlorobutadiene	0	2	0.00	0.49	0.49	0.49	0.00	0.00	0.49
	HG	Mercury	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	HMX	Cyclotetramethylenetetranitramine	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	Heptachlor	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HPCLE	Heptachlor epoxide	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	2	0.00	1.20	1.20	1.20	0.00	0.00	1.20
	ISODR	Isodrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISOPHR	Isophorone	0	2	0.00	0.20	0.20	0.20	0.00	0.00	0.20
	K	Potassium	2	2	100.00	1550.00	3500.00	2525.00	1378.86	8681.54	3500.00
	KEP	Kepone	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	LIN	Lindane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MEXCLR	Methoxychlor	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	MG	Magnesium	2	2	100.00	2180.00	5070.00	3625.00	2043.54	12749.31	5070.00
	MIREX	Mirex	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	MLTHN	Malathion	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	MN	Manganese	2	2	100.00	158.00	290.00	224.00	93.34	640.75	290.00
	NA	Sodium	2	2	100.00	112.00	200.00	156.00	62.23	433.83	200.00
	NAP	Naphthalene	0	2	0.00	0.37	0.37	0.37	0.00	0.00	0.37
	NB	Nitrobenzene	0	2	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI	Nickel	2	2	100.00	5.97	8.42	7.20	1.73	14.93	8.42
	NNDMEA	N-Nitrosodimethylamine	0	2	0.00	0.23	0.23	0.23	0.00	0.00	0.23
	NNDNPA	N-Nitrosodi-n-propylamine	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	NNDPA	N-Nitrosodiphenylamine	0	2	0.00	0.15	0.15	0.15	0.00	0.00	0.15
	OCDD	Octachlorodibenzodioxin - nonspecific	2	2	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	OCDF	Octachlorodibenzofuran - nonspecific	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT	1,4-Oxathiane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	PB	Lead	2	2	100.00	20.80	28.60	24.70	5.52	49.33	28.60
	PCB016	PCB 1016	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB221	PCB 1221	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB232	PCB 1232	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB242	PCB 1242	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB248	PCB 1248	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB254	PCB 1254	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB260	PCB 1260	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB262	PCB 1262	0	2	0.00	3.15	3.15	3.15	0.00	0.00	3.15
	PCP	Pentachlorophenol	0	2	0.00	0.38	0.38	0.38	0.00	0.00	0.38
	PHANTR	Phenanthrene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PHENOL	Phenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	PPDDD	ppDDD	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
1B (cont.)	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRTHN	Parathion	0	2	0.00	0.85	0.85	0.85	0.00	0.00	0.85
	PYR	Benzo[def]phenanthrene	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	RDX	RDX / Cyclonite	0	2	0.00	0.64	0.64	0.64	0.00	0.00	0.64.
	SB	Antimony	0	2	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	SE	Selenium	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	SUPONA	Supona	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	2	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	2	0.00	17.15	17.15	17.15	0.00	0.00	17.15
	TXPHEN	Toxaphene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	V	Vanadium	2	2	100.00	10.30	19.10	14.70	6.22	42.48	19.10
	ZN	Zinc	2	2	100.00	52.30	99.90	76.10	33.66	226.38	99.90
1C	123TCB	1,2,3-Trichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	124TCB	1,2,4-Trichlorobenzene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	12DCLB	1,2-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	12DPH	1,2-Diphenylhydrazine	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	135TNB	1,3,5-Trinitrobenzene	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	1,3-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	13DNB	1,3-Dinitrobenzene	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCLB	1,4-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	2	0.00	0.31	0.31	0.31	0.00	0.00	0.31
	245TCP	2,4,5-Trichlorophenol	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	246TCP	2,4,6-Trichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	246TNT	2,4,6-Trinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	24DCLP	2,4-Dichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	24DMPN	2,4-Dimethylphenol	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	24DNP	2,4-Dinitrophenol	0	2	0.00	2.35	2.35	2.35	0.00	0.00	2.35
	24DNT	2,4-Dinitrotoluene	0	2	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	26DNA	2,6-Dinitroaniline	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	26DNT	2,6-Dinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	2CLP	2-Chlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	2CNAP	2-Chloronaphthalene	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	2MNAP	2-Methylnaphthalene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	2MP	o-Cresol	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	2NANIL	2-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	2NP	2-Nitrophenol	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
1C (cont.)	33DCBD	3,3'-Dichlorobenzidine	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	35DNA	3,5-Dinitroaniline	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	3NANIL	3-Nitroaniline	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	3NT	3-Nitrotoluene	0	2	0.00	0.17	0.17	0.17	0.00	0.00	0.17
	46DN2C	4,6-Dinitro-2-cresol	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	4BRPPE	4-Bromophenyl phenyl ether	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	4CANIL	4-Chloroaniline	0	2	0.00	0.32	0.32	0.32	0.00	0.00	0.32
	4CL3C	3-Methyl-4-chlorophenol	0	2	0.00	0.47	0.47	0.47	0.00	0.00	0.47
	4CLPPE	4-Chlorophenyl phenyl ether	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	4MP	p-Cresol	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	4NANIL	4-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	4NP	4-Nitrophenol	0	2	0.00	1.65	1.65	1.65	0.00	0.00	1.65
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ABHC	alpha-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ACLDAN	alpha-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AENSLF	Endosulfan I	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AG	Silver	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	AL	Aluminum	2	2	100.00	11000.00	11800.00	11400.00	565.69	13925.76	11800.00
	ALDRN	Aldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ANAPNE	Acenaphthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANAPYL	Acenaphthylene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANIL	Aniline	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	ANTRC	Anthracene	0	2	0.00	0.36	0.36	0.36	0.00	0.00	0.36
	AS	Arsenic	2	2	100.00	4.50	5.17	4.84	0.47	6.95	5.17
	ATZ	Atrazine	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	B2CEXM	Bis(2-chloroethoxy) methane	0	2	0.00	0.10	0.10	0.10	0.00	0.00	0.10
	B2CIPE	Bis(2-chloroisopropyl) ether	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	B2CLEE	Bis(2-chloroethyl) ether	0	2	0.00	0.18	0.18	0.18	0.00	0.00	0.18
	B2EHP	Bis(2-ethylhexyl) phthalate	0	2	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	BA	Barium	2	2	100.00	130.00	133.00	131.50	2.12	140.97	133.00
	BAANTR	Benzo[a]anthracene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
1C (cont.)	BAPYR	Benzo[a]pyrene	0	2	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	BBFANT	Benzo[b]fluoranthene	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	BBHC	beta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BBZP	Butylbenzyl phthalate	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	BE	Beryllium	2	2	100.00	0.60	0.67	0.63	0.05	0.85	0.67
	BENSLF	Endosulfan II	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BENZID	Benzidine	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BENZOA	Benzoic acid	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BGHIPY	Benzo[ghi]perylene	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	BKFANT	Benzo[k]fluoranthene	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BZALC	Benzyl alcohol	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CA	Calcium	2	2	100.00	28500.00	43200.00	35850.00	10394.47	82260.84	43200.00
	CD	Cadmium	0	2	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	CHRY	Chrysene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CL6BZ	Hexachlorobenzene	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	CL6CP	Hexachlorocyclopentadiene	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	CLDAN	Chlordane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CO	Cobalt	2	2	100.00	4.38	5.11	4.75	0.52	7.05	5.11
	CPMS	p-Chlorophenylmethyl sulfide	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CR	Chromium	2	2	100.00	14.10	15.00	14.55	0.64	17.39	15.00
	CU	Copper	2	2	100.00	11.80	12.30	12.05	0.35	13.63	12.30
	CYN	Cyanide	0	2	0.00	0.13	0.13	0.13	0.00	0.00	0.13
	DBAHA	Dibenz[ah]anthracene	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	DBCP	Dibromochloropropane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	0	2	0.00	0.19	0.19	0.19	0.00	0.00	0.19
	DCPD	Dicyclopentadiene	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	DDVP	Vapona	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	DITH	Dithiane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DLDRN	Dieldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DMP	Dimethyl phthalate	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DNBP	Di-n-butyl phthalate	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	DNOP	Di-n-octyl phthalate	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	ENDRN	Endrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNA	Endrin aldehyde	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	Endosulfan sulfate	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
1C (cont.)	FAMPHR	Famophos	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	Fluoranthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	FE	Iron	2	2	100.00	13400.00	14700.00	14050.00	919.24	18154.36	14700.00
	FLRENE	Fluorene	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	GCLDAN	gamma-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HCBD	Hexachlorobutadiene	0	2	0.00	0.49	0.49	0.49	0.00	0.00	0.49
	HG	Mercury	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	HMX	Cyclotetramethylenetetranitramine	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	Heptachlor	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HPCLE	Heptachlor epoxide	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	2	0.00	1.20	1.20	1.20	0.00	0.00	1.20
	ISODR	Isodrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISOPHR	Isophorone	0	2	0.00	0.20	0.20	0.20	0.00	0.00	0.20
	K	Potassium	2	2	100.00	3530.00	3620.00	3575.00	63.64	3859.15	3620.00
	KEP	Kepone	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	LIN	Lindane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MEXCLR	Methoxychlor	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	MG	Magnesium	2	2	100.00	6760.00	6890.00	6825.00	91.92	7235.44	6890.00
	MIREX	Mirex	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	MLTHN	Malathion	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	MN	Manganese	2	2	100.00	248.00	276.00	262.00	19.80	350.40	276.00
	NA	Sodium	2	2	100.00	211.00	253.00	232.00	29.70	364.60	253.00
	NAP	Naphthalene	0	2	0.00	0.37	0.37	0.37	0.00	0.00	0.37
	NB	Nitrobenzene	0	2	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI	Nickel	2	2	100.00	8.73	10.20	9.47	1.04	14.11	10.20
	NNDMEA	N-Nitrosodimethylamine	0	2	0.00	0.23	0.23	0.23	0.00	0.00	0.23
	NNDNPA	N-Nitrosodi-n-propylamine	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	NNDPA	N-Nitrosodiphenylamine	0	2	0.00	0.15	0.15	0.15	0.00	0.00	0.15
	OCDD	Octachlorodibenzodioxin - nonspecific	1	2	50.00	0.00	0.00	0.00	0.00	0.00	0.00
	OCDF	Octachlorodibenzofuran - nonspecific	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT	1,4-Oxathiane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	PB	Lead	2	2	100.00	11.00	17.30	14.15	4.45	34.04	17.30
	PCB016	PCB 1016	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB221	PCB 1221	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB232	PCB 1232	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB242	PCB 1242	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB248	PCB 1248	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB254	PCB 1254	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB260	PCB 1260	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB262	PCB 1262	0	2	0.00	3.15	3.15	3.15	0.00	0.00	3.15
	PCP	Pentachlorophenol	0	2	0.00	0.38	0.38	0.38	0.00	0.00	0.38

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
1C (cont.)	PHANTR	Phenanthrene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PHENOL	Phenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	PPDDD	ppDDD	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRTHN	Parathion	0	2	0.00	0.85	0.85	0.85	0.00	0.00	0.85
	PYR	Benzo[def]phenanthrene	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	RDX	RDX / Cyclonite	0	2	0.00	0.64	0.64	0.64	0.00	0.00	0.64
	SB	Antimony	0	2	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	SE	Selenium	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	SUPONA	Supona	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	2	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	2	0.00	17.15	17.15	17.15	0.00	0.00	17.15
	TXPHEN	Toxaphene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	V	Vanadium	2	2	100.00	20.50	22.30	21.40	1.27	27.08	22.30
	ZN	Zinc	2	2	100.00	37.40	46.00	41.70	6.08	68.85	46.00
21	123TCB	1,2,3-Trichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	124TCB	1,2,4-Trichlorobenzene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	12DCLB	1,2-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	12DPH	1,2-Diphenylhydrazine	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	135TNB	1,3,5-Trinitrobenzene	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	1,3-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	13DNB	1,3-Dinitrobenzene	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCLB	1,4-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	2	0.00	0.31	0.31	0.31	0.00	0.00	0.31
	245TCP	2,4,5-Trichlorophenol	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	246TCP	2,4,6-Trichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	246TNT	2,4,6-Trinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	24DCLP	2,4-Dichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	24DMPN	2,4-Dimethylphenol	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	24DNP	2,4-Dinitrophenol	0	2	0.00	2.35	2.35	2.35	0.00	0.00	2.35
	24DNT	2,4-Dinitrotoluene	0	2	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	26DNA	2,6-Dinitroaniline	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	26DNT	2,6-Dinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	2CLP	2-Chlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	2CNAP	2-Chloronaphthalene	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	2MNAP	2-Methylnaphthalene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
21 (cont.)	2MP	o-Cresol	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	2NANIL	2-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	2NP	2-Nitrophenol	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	33DCBD	3,3'-Dichlorobenzidine	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	35DNA	3,5-Dinitroaniline	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	3NANIL	3-Nitroaniline	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	3NT	3-Nitrotoluene	0	2	0.00	0.17	0.17	0.17	0.00	0.00	0.17
	46DN2C	4,6-Dinitro-2-cresol	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	4BRPPE	4-Bromophenyl phenyl ether	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	4CANIL	4-Chloroaniline	0	2	0.00	0.32	0.32	0.32	0.00	0.00	0.32
	4CL3C	3-Methyl-4-chlorophenol	0	2	0.00	0.47	0.47	0.47	0.00	0.00	0.47
	4CLPPE	4-Chlorophenyl phenyl ether	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	4MP	p-Cresol	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	4NANIL	4-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	4NP	4-Nitrophenol	0	2	0.00	1.65	1.65	1.65	0.00	0.00	1.65
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ABHC	alpha-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ACLDAN	alpha-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AENSLF	Endosulfan I	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AG	Silver	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	AL	Aluminum	2	2	100.00	6960.00	7930.00	7445.00	685.89	10507.48	7930.00
	ALDRN	Aldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ANAPNE	Acenaphthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANAPYL	Acenaphthylene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANIL	Aniline	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	ANTRC	Anthracene	0	2	0.00	0.36	0.36	0.36	0.00	0.00	0.36
	AS	Arsenic	2	2	100.00	4.02	4.61	4.32	0.42	6.18	4.61
	ATZ	Atrazine	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	B2CEXM	Bis(2-chloroethoxy) methane	0	2	0.00	0.10	0.10	0.10	0.00	0.00	0.10
	B2CIPE	Bis(2-chloroisopropyl) ether	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	B2CLEE	Bis(2-chloroethyl) ether	0	2	0.00	0.18	0.18	0.18	0.00	0.00	0.18

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
21 (cont.)	B2EHP	Bis(2-ethylhexyl) phthalate	0	2	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	BA	Barium	2	2	100.00	91.60	394.00	242.80	213.83	1197.54	394.00
	BAANTR	Benzo[a]anthracene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	BAPYR	Benzo[a]pyrene	0	2	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	BBFANT	Benzo[b]fluoranthene	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	BBHC	beta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BBZP	Butylbenzyl phthalate	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	BE	Beryllium	0	2	0.00	0.21	0.21	0.21	0.00	0.00	0.21
	BENSLF	Endosulfan II	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BENZID	Benzidine	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BENZOA	Benzoic acid	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BGHIPY	Benzo[ghi]perylene	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	BKFANT	Benzo[k]fluoranthene	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BZALC	Benzyl alcohol	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CA	Calcium	2	2	100.00	14100.00	14700.00	14400.00	424.26	16294.32	14700.00
	CD	Cadmium	2	2	100.00	1.47	20.00	10.74	13.10	69.24	20.00
	CHRY	Chrysene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CL6BZ	Hexachlorobenzene	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	CL6CP	Hexachlorocyclopentadiene	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	CLDAN	Chlordane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CO	Cobalt	2	2	100.00	2.91	3.98	3.45	0.76	6.82	3.98
	CPMS	p-Chlorophenylmethyl sulfide	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CR	Chromium	2	2	100.00	10.50	17.60	14.05	5.02	36.47	17.60
	CU	Copper	2	2	100.00	25.50	434.00	229.75	288.85	1519.47	434.00
	CYN	Cyanide	0	2	0.00	0.13	0.13	0.13	0.00	0.00	0.13
	DBAHA	Dibenz[ah]anthracene	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	DBCP	Dibromochloropropane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	0	2	0.00	0.19	0.19	0.19	0.00	0.00	0.19
	DCPD	Dicyclopentadiene	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	DDVP	Vapona	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	DITH	Dithiane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DLDRN	Dieldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DMP	Dimethyl phthalate	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DNBP	Di-n-butyl phthalate	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	DNOP	Di-n-octyl phthalate	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	ENDRN	Endrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
21 (cont.)	ENDRNA	Endrin aldehyde	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	Endosulfan sulfate	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famophos	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	Fluoranthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	FE	Iron	2	2	100.00	9640.00	10200.00	9920.00	395.98	11688.03	10200.00
	FLRENE	Fluorene	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	GCLDAN	gamma-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HCBD	Hexachlorobutadiene	0	2	0.00	0.49	0.49	0.49	0.00	0.00	0.49
	HG	Mercury	1	2	50.00	0.03	0.06	0.04	0.02	0.15	0.06
	HMX	Cyclotetramethylenetetranitramine	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	Heptachlor	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HPCLE	Heptachlor epoxide	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	2	0.00	1.20	1.20	1.20	0.00	0.00	1.20
	ISODR	Isodrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISOPHR	Isophorone	0	2	0.00	0.20	0.20	0.20	0.00	0.00	0.20
	K	Potassium	2	2	100.00	2050.00	2250.00	2150.00	141.42	2781.44	2250.00
	KEP	Kepone	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	LIN	Lindane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MEXCLR	Methoxychlor	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	MG	Magnesium	2	2	100.00	4340.00	4920.00	4630.00	410.12	6461.18	4920.00
	MIREX	Mirex	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	MLTHN	Malathion	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	MN	Manganese	2	2	100.00	191.00	211.00	201.00	14.14	264.14	211.00
	NA	Sodium	2	2	100.00	123.00	125.00	124.00	1.41	130.31	125.00
	NAP	Naphthalene	0	2	0.00	0.37	0.37	0.37	0.00	0.00	0.37
	NB	Nitrobenzene	0	2	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI	Nickel	2	2	100.00	7.44	13.60	10.52	4.36	29.97	13.60
	NNDMEA	N-Nitrosodimethylamine	0	2	0.00	0.23	0.23	0.23	0.00	0.00	0.23
	NNDNPA	N-Nitrosodi-n-propylamine	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	NNDPA	N-Nitrosodiphenylamine	0	2	0.00	0.15	0.15	0.15	0.00	0.00	0.15
	OCDD	Octachlorodibenzodioxin - nonspecific	1	2	50.00	0.00	0.00	0.00	0.00	0.00	0.00
	OCDF	Octachlorodibenzofuran - nonspecific	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT	1,4-Oxathiane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	PB	Lead	2	2	100.00	59.50	836.00	447.75	549.07	2899.32	836.00
	PCB016	PCB 1016	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB221	PCB 1221	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB232	PCB 1232	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB242	PCB 1242	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB248	PCB 1248	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB254	PCB 1254	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
21 (cont.)	PCB260	PCB 1260	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB262	PCB 1262	0	2	0.00	3.15	3.15	3.15	0.00	0.00	3.15
	PCP	Pentachlorophenol	0	2	0.00	0.38	0.38	0.38	0.00	0.00	0.38
	PHANTR	Phenanthrene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PHENOL	Phenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	PPDDD	ppDDD	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRTHN	Parathion	0	2	0.00	0.85	0.85	0.85	0.00	0.00	0.85
	PYR	Benzo[def]phenanthrene	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	RDX	RDX / Cyclonite	0	2	0.00	0.64	0.64	0.64	0.00	0.00	0.64
	SB	Antimony	2	2	100.00	1.66	24.60	13.13	16.22	85.56	24.60
	SE	Selenium	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	SUPONA	Supona	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	2	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	2	0.00	17.15	17.15	17.15	0.00	0.00	17.15
	TXPHEN	Toxaphene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	V	Vanadium	2	2	100.00	11.40	13.20	12.30	1.27	17.98	13.20
	ZN	Zinc	2	2	100.00	57.00	492.00	274.50	307.59	1647.88	492.00
37	123TCB	1,2,3-Trichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	124TCB	1,2,4-Trichlorobenzene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	12DCLB	1,2-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	12DPH	1,2-Diphenylhydrazine	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	135TNB	1,3,5-Trinitrobenzene	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	1,3-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	13DNB	1,3-Dinitrobenzene	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCLB	1,4-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	2	0.00	0.31	0.31	0.31	0.00	0.00	0.31
	245TCP	2,4,5-Trichlorophenol	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	246TCP	2,4,6-Trichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	246TNT	2,4,6-Trinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	24DCLP	2,4-Dichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	24DMPN	2,4-Dimethylphenol	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	24DNP	2,4-Dinitrophenol	0	2	0.00	2.35	2.35	2.35	0.00	0.00	2.35
	24DNT	2,4-Dinitrotoluene	0	2	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	26DNA	2,6-Dinitroaniline	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	26DNT	2,6-Dinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
37 (cont.)	2CLP	2-Chlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	2CNAP	2-Chloronaphthalene	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	2MNAP	2-Methylnaphthalene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	2MP	o-Cresol	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	2NANIL	2-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	2NP	2-Nitrophenol	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	33DCBD	3,3'-Dichlorobenzidine	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	35DNA	3,5-Dinitroaniline	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	3NANIL	3-Nitroaniline	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	3NT	3-Nitrotoluene	0	2	0.00	0.17	0.17	0.17	0.00	0.00	0.17
	46DN2C	4,6-Dinitro-2-cresol	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	4BRPPE	4-Bromophenyl phenyl ether	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	4CANIL	4-Chloroaniline	0	2	0.00	0.32	0.32	0.32	0.00	0.00	0.32
	4CL3C	3-Methyl-4-chlorophenol	0	2	0.00	0.47	0.47	0.47	0.00	0.00	0.47
	4CLPPE	4-Chlorophenyl phenyl ether	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	4MP	p-Cresol	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	4NANIL	4-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	4NP	4-Nitrophenol	0	2	0.00	1.65	1.65	1.65	0.00	0.00	1.65
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2	2	100.00	0.00	0.00	0.00	0.00	0.00	4.95E-04
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1	2	50.00	0.00	0.00	0.00	0.00	0.00	6.57E-05
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ABHC	alpha-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ACLDAN	alpha-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AENSLF	Endosulfan I	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AG	Silver	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	AL	Aluminum	2	2	100.00	4110.00	4890.00	4500.00	551.54	6962.62	4890.00
	ALDRN	Aldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ANAPNE	Acenaphthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANAPYL	Acenaphthylene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANIL	Aniline	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	ANTRC	Anthracene	0	2	0.00	0.36	0.36	0.36	0.00	0.00	0.36
	AS	Arsenic	2	2	100.00	3.69	3.78	3.74	0.06	4.02	3.78
	ATZ	Atrazine	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
37 (cont.)	B2CEXM	Bis(2-chloroethoxy) methane	0	2	0.00	0.10	0.10	0.10	0.00	0.00	0.10
	B2CIPE	Bis(2-chloroisopropyl) ether	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	B2CLEE	Bis(2-chloroethyl) ether	0	2	0.00	0.18	0.18	0.18	0.00	0.00	0.18
	B2EHP	Bis(2-ethylhexyl) phthalate	0	2	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	BA	Barium	2	2	100.00	46.00	60.50	53.25	10.25	99.03	60.50
	BAANTR	Benzo[a]anthracene	2	2	100.00	0.12	1.20	0.66	0.76	4.07	1.20
	BAPYR	Benzo[a]pyrene	0	2	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	BBFANT	Benzo[b]fluoranthene	1	2	50.00	0.16	2.30	1.23	1.52	8.00	2.30
	BBHC	beta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BBZP	Butylbenzyl phthalate	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	BE	Beryllium	0	2	0.00	0.21	0.21	0.21	0.00	0.00	0.21
	BENSLF	Endosulfan II	2	2	100.00	0.00	0.01	0.00	0.00	0.00	0.00
	BENZID	Benzidine	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BENZOA	Benzoic acid	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BGHIPY	Benzo[ghi]perylene	1	2	50.00	0.09	0.58	0.34	0.35	1.88	0.58
	BKFANT	Benzo[k]fluoranthene	1	2	50.00	0.07	0.71	0.39	0.46	2.42	0.71
	BZALC	Benzyl alcohol	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CA	Calcium	2	2	100.00	24900.00	27700.00	26300.00	1979.90	35140.16	27700.00
	CD	Cadmium	0	2	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	CHRY	Chrysene	2	2	100.00	0.20	1.40	0.80	0.85	4.59	1.40
	CL6BZ	Hexachlorobenzene	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	CL6CP	Hexachlorocyclopentadiene	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	CLDAN	Chlordane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CO	Cobalt	1	2	50.00	1.25	2.92	2.09	1.18	7.36	2.92
	CPMS	p-Chlorophenylmethyl sulfide	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CR	Chromium	2	2	100.00	7.96	8.59	8.28	0.45	10.26	8.59
	CU	Copper	2	2	100.00	6.58	9.18	7.88	1.84	16.09	9.18
	CYN	Cyanide	0	2	0.00	0.13	0.13	0.13	0.00	0.00	0.13
	DBAHA	Dibenz[ah]anthracene	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	DBCP	Dibromochloropropane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	0	2	0.00	0.19	0.19	0.19	0.00	0.00	0.19
	DCPD	Dicyclopentadiene	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	DDVP	Vapona	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	DITH	Dithiane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DLDRN	Dieldrin	1	2	50.00	0.00	0.02	0.01	0.01	0.07	0.02
	DMP	Dimethyl phthalate	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
37 (cont.)	DNBP	Di-n-butyl phthalate	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	DNOP	Di-n-octyl phthalate	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	ENDRN	Endrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNA	Endrin aldehyde	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	1	2	50.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	Endosulfan sulfate	1	2	50.00	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famophos	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	Fluoranthene	2	2	100.00	0.18	1.90	1.04	1.22	6.47	1.90
	FE	Iron	2	2	100.00	7860.00	8170.00	8015.00	219.20	8993.73	8170.00
	FLRENE	Fluorene	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	GCLDAN	gamma-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HCBD	Hexachlorobutadiene	0	2	0.00	0.49	0.49	0.49	0.00	0.00	0.49
	HG	Mercury	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	HMX	Cyclotetramethylenetetranitramine	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	Heptachlor	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HPCLE	Heptachlor epoxide	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	2	0.00	1.20	1.20	1.20	0.00	0.00	1.20
	ISODR	Isodrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISOPHR	Isophorone	0	2	0.00	0.20	0.20	0.20	0.00	0.00	0.20
	K	Potassium	2	2	100.00	891.00	1420.00	1155.50	374.06	2825.66	1420.00
	KEP	Kepone	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	LIN	Lindane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MEXCLR	Methoxychlor	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	MG	Magnesium	2	2	100.00	3650.00	4500.00	4075.00	601.04	6758.62	4500.00
	MIREX	Mirex	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	MLTHN	Malathion	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	MN	Manganese	2	2	100.00	103.00	139.00	121.00	25.46	234.66	139.00
	NA	Sodium	2	2	100.00	113.00	119.00	116.00	4.24	134.94	119.00
	NAP	Naphthalene	0	2	0.00	0.37	0.37	0.37	0.00	0.00	0.37
	NB	Nitrobenzene	0	2	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI	Nickel	2	2	100.00	5.15	6.42	5.79	0.90	9.79	6.42
	NNDMEA	N-Nitrosodimethylamine	0	2	0.00	0.23	0.23	0.23	0.00	0.00	0.23
	NNDNPA	N-Nitrosodi-n-propylamine	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	NNDPA	N-Nitrosodiphenylamine	0	2	0.00	0.15	0.15	0.15	0.00	0.00	0.15
	OCDD	Octachlorodibenzodioxin - nonspecific	2	2	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	OCDF	Octachlorodibenzofuran - nonspecific	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT	1,4-Oxathiane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	PB	Lead	1	2	50.00	3.72	8.11	5.92	3.10	19.78	8.11
	PCB016	PCB 1016	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB221	PCB 1221	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB232	PCB 1232	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
37 (cont.)	PCB242	PCB 1242	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB248	PCB 1248	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB254	PCB 1254	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB260	PCB 1260	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB262	PCB 1262	0	2	0.00	3.15	3.15	3.15	0.00	0.00	3.15
	PCP	Pentachlorophenol	0	2	0.00	0.38	0.38	0.38	0.00	0.00	0.38
	PHANTR	Phenanthrene	2	2	100.00	0.17	2.10	1.14	1.36	7.23	2.10
	PHENOL	Phenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	PPDDD	ppDDD	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRTHN	Parathion	0	2	0.00	0.85	0.85	0.85	0.00	0.00	0.85
	PYR	Benzo[def]phenanthrene	2	2	100.00	0.24	2.70	1.47	1.74	9.24	2.70
	RDX	RDX / Cyclonite	0	2	0.00	0.64	0.64	0.64	0.00	0.00	0.64
	SB	Antimony	0	2	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	SE	Selenium	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	SUPONA	Supona	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1	2	50.00	0.00	0.00	0.00	0.00	0.00	0.00
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	2	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	2	0.00	17.15	17.15	17.15	0.00	0.00	17.15
	TXPHEN	Toxaphene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	V	Vanadium	2	2	100.00	10.90	11.10	11.00	0.14	11.63	11.10
	ZN	Zinc	2	2	100.00	37.20	41.10	39.15	2.76	51.46	41.10
42	123TCB	1,2,3-Trichlorobenzene	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	124TCB	1,2,4-Trichlorobenzene	0	9	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	12DCLB	1,2-Dichlorobenzene	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	12DPH	1,2-Diphenylhydrazine	0	9	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	135TNB	1,3,5-Trinitrobenzene	0	9	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	1,3-Dichlorobenzene	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	13DNB	1,3-Dinitrobenzene	0	9	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCLB	1,4-Dichlorobenzene	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	9	0.00	0.31	0.31	0.31	0.00	0.00	0.31
	245TCP	2,4,5-Trichlorophenol	0	9	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	246TCP	2,4,6-Trichlorophenol	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	246TNT	2,4,6-Trinitrotoluene	0	9	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	24DCLP	2,4-Dichlorophenol	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	24DMPN	2,4-Dimethylphenol	0	9	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	24DNP	2,4-Dinitrophenol	0	9	0.00	2.35	2.35	2.35	0.00	0.00	2.35

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
42 (cont.)	24DNT	2,4-Dinitrotoluene	1	9	11.11	1.25	10.40	2.27	3.05	4.16	4.16
	26DNA	2,6-Dinitroaniline	0	9	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	26DNT	2,6-Dinitrotoluene	0	9	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	2CLP	2-Chlorophenol	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	2CNAP	2-Chloronaphthalene	0	9	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	2MNAP	2-Methylnaphthalene	1	9	11.11	0.02	0.11	0.03	0.03	0.05	0.05
	2MP	o-Cresol	0	9	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	2NANIL	2-Nitroaniline	0	9	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	2NP	2-Nitrophenol	0	9	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	33DCBD	3,3'-Dichlorobenzidine	0	9	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	35DNA	3,5-Dinitroaniline	0	9	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	3NANIL	3-Nitroaniline	0	9	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	3NT	3-Nitrotoluene	0	9	0.00	0.17	0.17	0.17	0.00	0.00	0.17
	46DN2C	4,6-Dinitro-2-cresol	0	9	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	4BRPPE	4-Bromophenyl phenyl ether	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	4CANIL	4-Chloroaniline	0	9	0.00	0.32	0.32	0.32	0.00	0.00	0.32
	4CL3C	3-Methyl-4-chlorophenol	0	9	0.00	0.47	0.47	0.47	0.00	0.00	0.47
	4CLPPE	4-Chlorophenyl phenyl ether	0	9	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	4MP	p-Cresol	0	9	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	4NANIL	4-Nitroaniline	0	9	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	4NP	4-Nitrophenol	0	9	0.00	1.65	1.65	1.65	0.00	0.00	1.65
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2	9	22.22	0.00	0.00	0.00	0.00	0.00	6.91E-05
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ABHC	alpha-Hexachlorocyclohexane	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ACLDAN	alpha-Chlordane	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AENSLF	Endosulfan I	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AG	Silver	0	9	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	AL	Aluminum	9	9	100.00	534.00	10700.00	2902.56	4123.30	5459.00	5459.00
	ALDRN	Aldrin	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ANAPNE	Acenaphthene	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANAPYL	Acenaphthylene	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANIL	Aniline	0	9	0.00	0.07	0.07	0.07	0.00	0.00	0.07

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
42 (cont.)	ANTRC	Anthracene	0	9	0.00	0.36	0.36	0.36	0.00	0.00	0.36
	AS	Arsenic	9	9	100.00	11.00	27.20	18.89	5.78	22.47	22.47
	ATZ	Atrazine	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	B2CEXM	Bis(2-chloroethoxy) methane	0	9	0.00	0.10	0.10	0.10	0.00	0.00	0.10
	B2CIPE	Bis(2-chloroisopropyl) ether	0	9	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	B2CLEE	Bis(2-chloroethyl) ether	0	9	0.00	0.18	0.18	0.18	0.00	0.00	0.18
	B2EHP	Bis(2-ethylhexyl) phthalate	0	9	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	BA	Barium	9	9	100.00	15.00	623.00	294.33	176.09	403.51	403.51
	BAANTR	Benzo[a]anthracene	2	9	22.22	0.02	0.14	0.05	0.05	0.08	0.08
	BAPYR	Benzo[a]pyrene	0	9	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	BBFANT	Benzo[b]fluoranthene	0	9	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	BBHC	beta-Hexachlorocyclohexane	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BBZP	Butylbenzyl phthalate	0	9	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	BE	Beryllium	7	9	77.78	0.21	0.61	0.46	0.14	0.55	0.55
	BENSLF	Endosulfan II	1	9	11.11	0.00	0.00	0.00	0.00	0.00	0.00
	BENZID	Benzidine	0	9	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BENZOA	Benzoic acid	0	9	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BGHIPY	Benzo[ghi]perylene	0	9	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	BKFANT	Benzo[k]fluoranthene	1	9	11.11	0.07	0.25	0.09	0.06	0.12	0.12
	BZALC	Benzyl alcohol	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CA	Calcium	9	9	100.00	582.00	6270.00	2607.78	2531.04	4177.02	4177.02
	CD	Cadmium	7	9	77.78	0.60	13.80	4.15	4.09	6.69	6.69
	CHRY	Chrysene	4	9	44.44	0.02	0.28	0.08	0.09	0.14	0.14
	CL6BZ	Hexachlorobenzene	0	9	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	CL6CP	Hexachlorocyclopentadiene	0	9	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	9	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	CLDAN	Chlordane	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CO	Cobalt	8	9	88.89	1.25	12.10	5.93	3.18	7.90	7.90
	CPMS	p-Chlorophenylmethyl sulfide	0	9	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	9	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CR	Chromium	9	9	100.00	1.22	18.90	9.95	6.41	13.92	13.92
	CU	Copper	9	9	100.00	26.90	133.00	77.61	38.04	101.19	101.19
	CYN	Cyanide	1	9	11.11	0.13	0.43	0.16	0.10	0.22	0.22
	DBAHA	Dibenz[ah]anthracene	0	9	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	DBCP	Dibromochloropropane	0	9	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	0	9	0.00	0.19	0.19	0.19	0.00	0.00	0.19
	DCPD	Dicyclopentadiene	0	9	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	DDVP	Vapona	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	9	0.00	0.12	0.12	0.12	0.00	0.00	0.12

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
42 (cont.)	DITH	Dithiane	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DLDRN	Dieldrin	1	9	11.11	0.00	0.00	0.00	0.00	0.00	0.00
	DMP	Dimethyl phthalate	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DNBP	Di-n-butyl phthalate	0	9	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	DNOP	Di-n-octyl phthalate	0	9	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	ENDRN	Endrin	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNA	Endrin aldehyde	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	Endosulfan sulfate	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famophos	0	9	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	Fluoranthene	4	9	44.44	0.02	0.14	0.05	0.05	0.08	0.08
	FE	Iron	9	9	100.00	683.00	13000.00	3505.89	4847.88	6511.58	6511.58
	FLRENE	Fluorene	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	GCLDAN	gamma-Chlordane	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HCBD	Hexachlorobutadiene	0	9	0.00	0.49	0.49	0.49	0.00	0.00	0.49
	HG	Mercury	4	9	44.44	0.03	0.19	0.06	0.05	0.09	0.09
	HMX	Cyclotetramethylenetetranitramine	0	9	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	Heptachlor	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HPCLE	Heptachlor epoxide	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	9	0.00	1.20	1.20	1.20	0.00	0.00	1.20
	ISODR	Isodrin	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISOPHR	Isophorone	0	9	0.00	0.20	0.20	0.20	0.00	0.00	0.20
	K	Potassium	9	9	100.00	187.00	3130.00	874.56	1203.30	1620.60	1620.60
	KEP	Kepone	0	9	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	LIN	Lindane	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MEXCLR	Methoxychlor	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	MG	Magnesium	9	9	100.00	298.00	4110.00	1374.00	1478.59	2290.73	2290.73
	MIREX	Mirex	0	9	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	MLTHN	Malathion	0	9	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	MN	Manganese	9	9	100.00	15.40	365.00	93.98	140.17	180.88	180.88
	NA	Sodium	9	9	100.00	83.70	167.00	104.57	25.32	120.26	120.26
	NAP	Naphthalene	0	9	0.00	0.37	0.37	0.37	0.00	0.00	0.37
	NB	Nitrobenzene	0	9	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI	Nickel	9	9	100.00	6.04	28.60	14.60	8.39	19.80	19.80
	NNDMEA	N-Nitrosodimethylamine	0	9	0.00	0.23	0.23	0.23	0.00	0.00	0.23
	NNDNPA	N-Nitrosodi-n-propylamine	0	9	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	NNDPA	N-Nitrosodiphenylamine	0	9	0.00	0.15	0.15	0.15	0.00	0.00	0.15
	OCDD	Octachlorodibenzodioxin - nonspecific	8	9	88.89	0.00	0.00	0.00	0.00	0.00	0.00
	OCDF	Octachlorodibenzofuran - nonspecific	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT	1,4-Oxathiane	0	9	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	PB	Lead	9	9	100.00	17.20	822.00	432.91	250.17	588.01	588.01

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
42 (cont.)	PCB016	PCB 1016	0	9	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB221	PCB 1221	0	9	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB232	PCB 1232	0	9	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB242	PCB 1242	0	9	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB248	PCB 1248	0	9	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB254	PCB 1254	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB260	PCB 1260	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB262	PCB 1262	0	9	0.00	3.15	3.15	3.15	0.00	0.00	3.15
	PCP	Pentachlorophenol	0	9	0.00	0.38	0.38	0.38	0.00	0.00	0.38
	PHANTR	Phenanthrene	4	9	44.44	0.02	0.42	0.10	0.13	0.18	0.18
	PHENOL	Phenol	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	PPDDD	ppDDD	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	1	9	11.11	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2	9	22.22	0.00	0.01	0.00	0.00	0.00	0.00
	PRTHN	Parathion	0	9	0.00	0.85	0.85	0.85	0.00	0.00	0.85
	PYR	Benzo[def]phenanthrene	4	9	44.44	0.04	0.40	0.15	0.15	0.25	0.25
	RDX	RDX / Cyclonite	0	9	0.00	0.64	0.64	0.64	0.00	0.00	0.64
	SB	Antimony	9	9	100.00	2.35	352.00	125.76	133.36	208.44	208.44
	SE	Selenium	1	9	11.11	0.22	1.04	0.32	0.27	0.48	0.48
	SUPONA	Supona	0	9	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	3	9	33.33	0.00	0.00	0.00	0.00	0.00	0.00
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	9	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	9	0.00	17.15	17.15	17.15	0.00	0.00	17.15
	TXPHEN	Toxaphene	0	9	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	V	Vanadium	9	9	100.00	10.50	13.90	12.21	1.08	12.88	12.88
	ZN	Zinc	9	9	100.00	8.46	124.00	60.93	41.79	86.84	86.84
45	123TCB	1,2,3-Trichlorobenzene	0	6	0.00	0.02	1.00	0.25	0.38	0.57	1.00
	124TCB	1,2,4-Trichlorobenzene	0	6	0.00	0.11	5.00	1.39	1.92	2.97	5.00
	12DCLB	1,2-Dichlorobenzene	0	6	0.00	0.02	1.00	0.28	0.38	0.59	1.00
	12DPH	1,2-Diphenylhydrazine	0	6	0.00	0.26	15.00	3.88	5.76	8.62	15.00
	135TNB	1,3,5-Trinitrobenzene	0	6	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	1,3-Dichlorobenzene	0	6	0.00	0.02	1.00	0.28	0.38	0.59	1.00
	13DNB	1,3-Dinitrobenzene	0	6	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCLB	1,4-Dichlorobenzene	0	6	0.00	0.02	1.00	0.26	0.39	0.58	1.00
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	6	0.00	0.31	15.00	3.99	5.72	8.70	15.00
	245TCP	2,4,5-Trichlorophenol	0	6	0.00	0.25	10.00	3.04	3.90	6.25	10.00
	246TCP	2,4,6-Trichlorophenol	0	6	0.00	0.03	1.50	0.40	0.57	0.87	1.50
	246TNT	2,4,6-Trinitrotoluene	0	6	0.00	1.00	1.00	1.00	0.00	0.00	1.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
45 (cont.)	24DCLP	2,4-Dichlorophenol	0	6	0.00	0.03	1.50	0.40	0.57	0.87	1.50
	24DMPN	2,4-Dimethylphenol	0	6	0.00	1.50	100.00	24.92	38.49	56.58	100.00
	24DNP	2,4-Dinitrophenol	0	6	0.00	2.35	100.00	29.51	38.58	61.25	100.00
	24DNT	2,4-Dinitrotoluene	0	6	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	26DNA	2,6-Dinitroaniline	0	6	0.00	0.29	15.00	3.98	5.73	8.69	15.00
	26DNT	2,6-Dinitrotoluene	0	6	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	2CLP	2-Chlorophenol	0	6	0.00	0.03	1.50	0.40	0.57	0.87	1.50
	2CNAP	2-Chloronaphthalene	0	6	0.00	0.12	5.00	1.48	1.96	3.09	5.00
	2MNAP	2-Methylnaphthalene	0	6	0.00	0.02	1.00	0.25	0.38	0.57	1.00
	2MP	o-Cresol	0	6	0.00	0.05	2.50	0.69	0.96	1.48	2.50
	2NANIL	2-Nitroaniline	0	6	0.00	1.55	100.00	24.94	38.47	56.59	100.00
	2NP	2-Nitrophenol	0	6	0.00	0.55	30.00	7.78	11.52	17.25	30.00
	33DCBD	3,3'-Dichlorobenzidine	0	6	0.00	0.80	40.00	11.23	15.30	23.82	40.00
	35DNA	3,5-Dinitroaniline	0	6	0.00	0.80	40.00	11.23	15.30	23.82	40.00
	3NANIL	3-Nitroaniline	0	6	0.00	1.50	100.00	24.92	38.49	56.58	100.00
	3NT	3-Nitrotoluene	0	6	0.00	0.17	10.00	2.59	3.86	5.76	10.00
	46DN2C	4,6-Dinitro-2-cresol	0	6	0.00	0.40	20.00	5.87	7.87	12.34	20.00
	4BRPPE	4-Bromophenyl phenyl ether	0	6	0.00	0.02	1.00	0.28	0.39	0.59	1.00
	4CANIL	4-Chloroaniline	0	6	0.00	0.32	15.00	3.99	5.72	8.70	15.00
	4CL3C	3-Methyl-4-chlorophenol	0	6	0.00	0.47	25.00	6.82	9.67	14.77	25.00
	4CLPPE	4-Chlorophenyl phenyl ether	0	6	0.00	0.09	4.00	1.13	1.53	2.38	4.00
	4MP	p-Cresol	0	6	0.00	0.12	5.00	1.48	1.96	3.09	5.00
	4NANIL	4-Nitroaniline	0	6	0.00	1.55	100.00	24.94	38.47	56.59	100.00
	4NP	4-Nitrophenol	0	6	0.00	1.65	100.00	25.83	38.62	57.59	100.00
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ABHC	alpha-Hexachlorocyclohexane	0	6	0.00	0.01	0.01	0.01	0.00	0.00	0.01
	ACLDAN	alpha-Chlordane	3	6	50.00	0.02	0.14	0.06	0.05	0.11	0.11
	AENSLF	Endosulfan I	0	6	0.00	0.01	0.01	0.01	0.00	0.00	0.01
	AG	Silver	0	6	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	AL	Aluminum	6	6	100.00	7670.00	16300.00	11981.67	3181.17	14598.56	14598.56
	ALDRN	Aldrin	0	6	0.00	0.01	0.01	0.01	0.00	0.00	0.01

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
45 (cont.)	ANAPNE	Acenaphthene	0	6	0.00	0.02	1.00	0.28	0.39	0.59	1.00
	ANAPYL	Acenaphthylene	0	6	0.00	0.02	1.00	0.26	0.39	0.58	1.00
	ANIL	Aniline	0	6	0.00	0.07	3.00	0.87	1.18	1.84	3.00
	ANTRC	Anthracene	0	6	0.00	0.36	20.00	4.93	7.64	11.21	20.00
	AS	Arsenic	6	6	100.00	13.10	49.00	22.08	13.40	33.11	33.11
	ATZ	Atrazine	0	6	0.00	0.03	1.50	0.40	0.57	0.87	1.50
	B2CEXM	Bis(2-chloroethoxy) methane	0	6	0.00	0.10	5.00	1.38	1.93	2.97	5.00
	B2CIPE	Bis(2-chloroisopropyl) ether	0	6	0.00	0.22	10.00	2.86	3.88	6.05	10.00
	B2CLEE	Bis(2-chloroethyl) ether	0	6	0.00	0.18	10.00	2.67	3.83	5.83	10.00
	B2EHP	Bis(2-ethylhexyl) phthalate	0	6	0.00	0.24	10.00	3.04	3.90	6.25	10.00
	BA	Barium	6	6	100.00	83.20	163.00	116.42	32.10	142.82	142.82
	BAANTR	Benzo[a]anthracene	0	6	0.00	0.02	1.00	0.28	0.39	0.59	1.00
	BAPYR	Benzo[a]pyrene	0	6	0.00	0.60	30.00	7.80	11.50	17.26	30.00
	BBFANT	Benzo[b]fluoranthene	0	6	0.00	0.16	10.00	2.49	3.85	5.66	10.00
	BBHC	beta-Hexachlorocyclohexane	0	6	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	BBZP	Butylbenzyl phthalate	0	6	0.00	0.90	45.00	12.95	17.44	27.30	45.00
	BE	Beryllium	4	6	66.67	0.21	0.88	0.56	0.28	0.79	0.79
	BENSLF	Endosulfan II	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BENZID	Benzidine	0	6	0.00	0.07	3.00	0.87	1.18	1.84	3.00
	BENZOA	Benzoic acid	0	6	0.00	1.55	100.00	24.94	38.47	56.59	100.00
	BGHIPY	Benzo[ghi]perylene	0	6	0.00	0.09	4.50	1.30	1.74	2.73	4.50
	BKFANT	Benzo[k]fluoranthene	0	6	0.00	0.07	3.00	0.87	1.18	1.84	3.00
	BZALC	Benzyl alcohol	0	6	0.00	0.02	1.00	0.25	0.38	0.57	1.00
	CA	Calcium	6	6	100.00	7610.00	39300.00	23585.00	14360.98	35398.63	35398.63
	CD	Cadmium	5	6	83.33	0.60	7.04	2.87	2.37	4.82	4.82
	CHRY	Chrysene	1	6	16.67	0.02	1.00	0.27	0.37	0.57	0.57
	CL6BZ	Hexachlorobenzene	0	6	0.00	0.04	2.00	0.59	0.79	1.23	2.00
	CL6CP	Hexachlorocyclopentadiene	0	6	0.00	0.26	15.00	3.88	5.76	8.62	15.00
	CL6ET	Hexachloroethane	0	6	0.00	0.90	45.00	12.95	17.44	27.30	45.00
	CLDAN	Chlordane	2	6	33.33	0.34	1.80	0.78	0.68	1.34	1.34
	CO	Cobalt	6	6	100.00	2.91	6.16	4.34	1.37	5.47	5.47
	CPMS	p-Chlorophenylmethyl sulfide	0	6	0.00	0.05	2.50	0.69	0.96	1.48	2.50
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	6	0.00	0.16	10.00	2.50	3.85	5.66	10.00
	CPMSO2	p-Chlorophenylmethyl sulfone	0	6	0.00	0.03	1.50	0.41	0.57	0.88	1.50
	CR	Chromium	6	6	100.00	12.90	105.00	35.70	35.13	64.60	64.60
	CU	Copper	6	6	100.00	21.80	129.00	57.92	41.14	91.76	91.76
	CYN	Cyanide	4	6	66.67	0.13	1.02	0.49	0.34	0.77	0.77
	DBAHA	Dibenz[ah]anthracene	0	6	0.00	0.16	10.00	2.49	3.85	5.66	10.00
	DBCP	Dibromochloropropane	0	6	0.00	0.04	2.00	0.49	0.76	1.12	2.00
	DBHC	delta-Hexachlorocyclohexane	0	6	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBZFUR	Dibenzofuran	0	6	0.00	0.19	10.00	2.76	3.86	5.93	10.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
45 (cont.)	DCPD	Dicyclopentadiene	0	6	0.00	0.29	15.00	3.98	5.73	8.69	15.00
	DDVP	Vapona	0	6	0.00	0.03	1.50	0.41	0.57	0.88	1.50
	DEP	Diethyl phthalate	0	6	0.00	0.12	5.00	1.48	1.96	3.09	5.00
	DITH	Dithiane	0	6	0.00	0.03	1.50	0.40	0.57	0.87	1.50
	DLDRN	Dieldrin	2	6	33.33	0.01	0.27	0.05	0.11	0.14	0.14
	DMP	Dimethyl phthalate	0	6	0.00	0.03	1.50	0.40	0.57	0.87	1.50
	DNBP	Di-n-butyl phthalate	0	6	0.00	0.65	30.00	8.66	11.84	18.40	30.00
	DNOP	Di-n-octyl phthalate	0	6	0.00	0.12	5.00	1.47	1.96	3.09	5.00
	ENDRN	Endrin	2	6	33.33	0.03	0.08	0.05	0.02	0.07	0.07
	ENDRNA	Endrin aldehyde	1	6	16.67	0.00	0.01	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	Endosulfan sulfate	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famophos	0	6	0.00	0.65	30.00	8.66	11.84	18.40	30.00
	FANT	Fluoranthene	1	6	16.67	0.02	1.00	0.26	0.38	0.57	0.57
	FE	Iron	6	6	100.00	10000.00	18700.00	14283.33	3680.99	17311.39	17311.39
	FLRENE	Fluorene	0	6	0.00	0.03	1.50	0.40	0.57	0.87	1.50
	GCLDAN	gamma-Chlordane	3	6	50.00	0.02	0.18	0.07	0.07	0.13	0.13
	HCBD	Hexachlorobutadiene	0	6	0.00	0.49	25.00	6.91	9.64	14.84	25.00
	HG	Mercury	4	6	66.67	0.03	0.22	0.09	0.07	0.15	0.15
	HMX	Cyclotetramethylenetetranitramine	0	6	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	Heptachlor	0	6	0.00	0.01	0.01	0.01	0.00	0.00	0.01
	HPCLE	Heptachlor epoxide	0	6	0.00	0.01	0.01	0.01	0.00	0.00	0.01
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	6	0.00	1.20	50.00	14.77	19.60	30.89	50.00
	ISODR	Isodrin	0	6	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ISOPHR	Isophorone	0	6	0.00	0.20	10.00	2.76	3.85	5.93	10.00
	K	Potassium	6	6	100.00	2330.00	5000.00	3486.67	895.07	4222.97	4222.97
	KEP	Kepone	0	6	0.00	0.65	30.00	8.66	11.84	18.40	30.00
	LIN	Lindane	0	6	0.00	0.01	0.01	0.01	0.00	0.00	0.01
	MEXCLR	Methoxychlor	0	6	0.00	0.18	0.18	0.18	0.00	0.00	0.18
	MG	Magnesium	6	6	100.00	5370.00	8420.00	6710.00	1365.43	7833.23	7833.23
	MIREX	Mirex	0	6	0.00	0.07	3.50	0.95	1.37	2.08	3.50
	MLTHN	Malathion	0	6	0.00	0.09	4.50	1.30	1.74	2.73	4.50
	MN	Manganese	6	6	100.00	227.00	462.00	300.67	84.29	370.00	370.00
	NA	Sodium	6	6	100.00	132.00	730.00	391.33	222.92	574.71	574.71
	NAP	Naphthalene	0	6	0.00	0.37	20.00	4.94	7.64	11.22	20.00
	NB	Nitrobenzene	0	6	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI	Nickel	6	6	100.00	8.07	16.70	12.22	3.35	14.97	14.97
	NNDMEA	N-Nitrosodimethylamine	0	6	0.00	0.23	10.00	2.95	3.86	6.12	10.00
	NNDNPA	N-Nitrosodi-n-propylamine	0	6	0.00	0.55	30.00	7.78	11.52	17.25	30.00
	NNDPA	N-Nitrosodiphenylamine	0	6	0.00	0.15	5.00	1.66	1.99	3.30	5.00
	OCDD	Octachlorodibenzodioxin - nonspecific	4	6	66.67	0.00	0.00	0.00	0.00	0.00	0.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
45 (cont.)	OCDF	Octachlorodibenzofuran - nonspecific	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT	1,4-Oxathiane	0	6	0.00	0.04	2.00	0.59	0.79	1.23	2.00
	PB	Lead	6	6	100.00	61.20	664.00	211.93	226.81	398.51	398.51
	PCB016	PCB 1016	0	6	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	PCB221	PCB 1221	0	6	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	PCB232	PCB 1232	0	6	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	PCB242	PCB 1242	0	6	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	PCB248	PCB 1248	0	6	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	PCB254	PCB 1254	0	6	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	PCB260	PCB 1260	0	6	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	PCB262	PCB 1262	0	6	0.00	3.15	150.00	39.91	57.23	86.98	150.00
	PCP	Pentachlorophenol	0	6	0.00	0.38	20.00	5.86	7.88	12.34	20.00
	PHANTR	Phenanthrene	0	6	0.00	0.02	1.00	0.25	0.38	0.57	1.00
	PHENOL	Phenol	0	6	0.00	0.03	1.50	0.39	0.58	0.86	1.50
	PPDDD	ppDDD	3	6	50.00	0.01	0.09	0.04	0.04	0.07	0.07
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	6	0.00	0.01	0.01	0.01	0.00	0.00	0.01
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	3	6	50.00	0.02	0.08	0.04	0.03	0.06	0.06
	PRTHN	Parathion	0	6	0.00	0.85	40.00	11.26	15.28	23.82	40.00
	PYR	Benzo[def]phenanthrene	0	6	0.00	0.04	2.00	0.59	0.79	1.23	2.00
	RDX	RDX / Cyclonite	0	6	0.00	0.64	0.64	0.64	0.00	0.00	0.64
	SB	Antimony	1	6	16.67	0.50	2.57	0.85	0.85	1.54	1.54
	SE	Selenium	0	6	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	SUPONA	Supona	0	6	0.00	0.46	25.00	6.81	9.67	14.77	25.00
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	6	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	6	0.00	17.15	17.15	17.15	0.00	0.00	17.15
	TXPHEN	Toxaphene	0	6	0.00	1.15	1.15	1.15	0.00	0.00	1.15
	V	Vanadium	6	6	100.00	13.80	22.80	18.82	4.23	22.30	22.30
	ZN	Zinc	6	6	100.00	89.40	518.00	232.73	158.25	362.91	362.91

Note.—Concentrations in ug/g, parts per million.

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10	123TCB	1,2,3-Trichlorobenzene	ND[6]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.49E-07	1.60E-06	1.52E-07	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.49E-07	1.60E-06	1.52E-07	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.20E-04	1.20E-07	1.30E-06	1.23E-07	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	4.69E-02	2.24E-05	5.92E-07	1.18E-06	1.18E-06	1.16E-02	1.54E-05	1.66E-04	1.58E-05	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1.85E-01	8.84E-05	2.34E-06	4.69E-06	4.69E-06	4.58E-02	6.11E-05	6.57E-04	6.25E-05	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	7.08E-05	7.62E-04	4.53E-05	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.84E-01	1.48E-04	1.59E-03	9.06E-05	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	2.62E-05	2.82E-04	1.65E-05	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	1.28E-04	1.69E-07	1.82E-06	1.76E-07	6.40E-04	9.25E-05
	2MP	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	2.89E-08	3.11E-07	2.96E-08	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol	ND	ND	ND	ND	ND	5.31E-05	7.08E-08	7.62E-07	7.25E-08	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.29E-03	1.57E-06	4.15E-08	8.27E-08	8.27E-08	8.11E-04	1.08E-06	1.16E-05	1.11E-06	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	8.02E-03	3.82E-06	1.01E-07	2.01E-07	2.01E-07	1.98E-03	2.63E-06	2.83E-05	2.69E-06	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	4.53E-02	2.16E-05	5.71E-07	1.14E-06	1.14E-06	1.12E-02	1.49E-05	1.60E-04	1.52E-05	ND	ND

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Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10 (cont.)	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	4.21E-04	2.01E-07	5.30E-09	1.06E-08	1.06E-08	1.04E-04	1.38E-07	1.49E-06	1.41E-07	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	6.10E-04	2.90E-07	7.68E-09	1.53E-08	1.53E-08	1.50E-04	2.00E-07	2.15E-06	2.05E-07	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4.05E-04	1.93E-07	5.10E-09	1.02E-08	1.02E-08	9.97E-05	1.33E-07	1.43E-06	1.36E-07	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	4.96E-04	2.36E-07	6.26E-09	1.25E-08	1.25E-08	1.22E-04	1.63E-07	1.75E-06	1.67E-07	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	4.59E-02	2.19E-05	5.78E-07	1.15E-06	1.15E-06	1.13E-02	1.50E-05	1.62E-04	1.54E-05	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	4.64E-04	2.21E-07	5.85E-09	1.17E-08	1.17E-08	1.14E-04	1.52E-07	1.64E-06	1.56E-07	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.58E-01	1.23E-04	3.25E-06	6.53E-06	6.53E-06	6.37E-02	8.50E-05	9.15E-04	8.70E-05	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.85E-02	8.84E-06	2.34E-07	4.69E-07	4.69E-07	4.58E-03	6.11E-06	6.57E-05	6.25E-06	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-04	3.99E-07	1.06E-08	2.11E-08	2.11E-08	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane	1.02E-04	4.85E-08	1.28E-09	2.57E-09	2.57E-09	7.38E-05	5.90E-08	6.35E-07	6.04E-08	ND	ND
	AENSLF	Endosulfan I	1.20E-03	5.70E-07	1.51E-08	3.01E-08	3.01E-08	ND	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	1.10E-05	2.92E-07	5.81E-07	5.81E-07	2.61E-04	1.67E-07	2.25E-06	2.14E-07	2.01E-01	ND
	AL	Aluminum	ND	ND	ND	ND	ND	2.12E+00	2.12E-03	1.82E-02	2.17E-03	5.47E+00	1.43E+00
	ALDRN	Aldrin	1.00E-03	4.79E-07	9.74E-09	2.53E-08	2.53E-08	6.20E-04	4.96E-07	5.34E-06	2.54E-07	ND	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	1.64E-04	2.17E-07	2.33E-06	2.25E-07	8.20E-04	1.18E-04
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	1.74E-07	1.88E-06	1.81E-07	6.60E-04	9.54E-05
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene	ND	ND	ND	ND	ND	2.83E-03	3.75E-06	4.04E-05	3.90E-06	1.42E-02	2.05E-03
	AS	Arsenic	2.07E-01	9.87E-05	2.61E-06	5.22E-06	5.22E-06	2.82E-02	3.76E-05	4.05E-04	3.85E-05	4.04E-01	6.73E-02
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	7.89E-06	2.09E-07	4.17E-07	4.17E-07	6.25E-05	8.33E-08	8.97E-07	8.53E-08	2.40E-03	ND
	BA	Barium	3.68E-01	1.76E-04	4.64E-06	9.29E-06	9.29E-06	1.11E-01	1.49E-04	1.60E-03	1.52E-04	9.96E-02	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.64E-04	2.17E-07	2.33E-06	2.25E-07	8.20E-04	1.18E-04
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	4.79E-03	6.34E-06	6.83E-05	6.59E-06	1.20E-02	3.47E-03
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	1.24E-03	1.64E-06	1.76E-05	1.70E-06	6.20E-03	8.96E-04
	BBHC	beta-Hexachlorocyclohexane	2.30E-03	1.10E-06	2.90E-08	5.80E-08	5.80E-08	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	6.21E-02	2.96E-05	7.83E-07	1.57E-06	1.57E-06	2.34E-04	3.12E-07	3.36E-06	3.20E-07	9.00E-03	ND
	BE	Beryllium	1.58E-03	7.53E-07	1.99E-08	3.98E-08	3.98E-08	1.33E-04	1.78E-07	1.91E-06	1.82E-07	2.14E-02	ND
	BENSLF	Endosulfan II	8.37E-04	3.99E-07	1.06E-08	2.11E-08	2.11E-08	ND	ND	ND	ND	ND	ND
	BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	7.18E-04	9.51E-07	1.02E-05	9.88E-07	3.60E-03	5.20E-04
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	5.18E-04	6.87E-07	7.39E-06	7.14E-07	2.60E-03	3.76E-04
	BZALC	Benzyl alcohol	1.15E-02	5.47E-06	1.45E-07	2.89E-07	2.89E-07	6.81E-05	5.45E-08	2.35E-07	5.58E-08	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	6.62E-01	3.16E-04	8.35E-06	1.55E-05	1.55E-05	6.40E-03	8.50E-06	9.15E-05	8.70E-06	2.00E-01	3.00E-02
	CHRY	Chrysene	ND	ND	ND	ND	ND	1.28E-04	1.69E-07	1.82E-06	1.76E-07	6.40E-04	9.25E-05
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10 (cont.)	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	0	0	0	0	0	0	0	0	0	ND	ND
	CO	Cobalt	0	0	0	0	0	0	0	0	0	6.25E-02	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	4	0	0	0	0	0	0	0	0	8.81E-02	1.65E+01
	CU	Copper	0	0	0	0	0	0	0	0	0	6.04E-02	7.21E-02
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	0	0	0	0	6.20E-03	8.96E-04
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	0	0	0	0	0	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	0	0	0	0	0	0	0	0	0	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	0	0	0	0	0	0	0	0	0	ND	1.60E-05
	DMP	Dimethyl phthalate	0	0	0	0	0	0	0	0	0	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	0	0	0	0	0	0	0	0	0	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	0	0	0	0	0	0	0	0	0	ND	ND
	ENDRN	Endrin	0	0	0	0	0	0	0	0	0	ND	ND
	ENDRNA	Endrin aldehyde	0	0	0	0	0	0	0	0	0	ND	ND
	ENDRNK	Endrin ketone	0	0	0	0	0	0	0	0	0	ND	ND
	ESFSO4	Endosulfan sulfate	0	0	0	0	0	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	0	0	0	0	6.40E-04	9.25E-05
	FE	Iron	12	0	0	0	0	9	0	0	0	ND	6.53E+00
	FLRENE	Fluorene	ND	ND	ND	ND	ND	0	0	0	0	1.30E-03	1.88E-04
	GCLDAN	gamma-Chlordane	0	0	0	0	0	0	0	0	0	ND	ND
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	0	0	0	0	0	0	0	0	0	1.84E-01	5.52E-02
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	0	0	0	0	ND	ND
	HPCL	Heptachlor	0	0	0	0	0	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	0	0	0	0	0	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	0	0	0	0	4.80E-02	6.94E-03
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10 (cont.)	LIN	Lindane	1.20E-03	5.70E-07	1.51E-08	3.01E-08	3.01E-08	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.44E-04	3.07E-07	8.12E-09	1.62E-08	1.62E-08	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	2.00E-01	9.51E-05	2.51E-06	5.03E-06	5.03E-06	4.54E-02	6.06E-05	6.52E-04	6.19E-05	2.28E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	2.95E-03	3.91E-06	4.21E-05	4.06E-06	1.48E-02	2.14E-03
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	1.35E-05	1.45E-04	1.38E-05	ND	1.43E-02
	NI	Nickel	1.29E-01	6.17E-05	1.63E-06	3.26E-06	3.26E-06	4.41E-03	5.88E-06	6.33E-05	6.02E-06	2.10E-02	2.63E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	3.85E-09	4.14E-08	3.94E-09	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	1.35E-03	6.45E-07	1.71E-08	3.40E-08	3.40E-08	3.34E-04	4.44E-07	4.78E-06	4.55E-07	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	1.26E-03	6.02E-07	1.59E-08	3.17E-08	3.17E-08	3.11E-04	4.14E-07	4.46E-06	4.24E-07	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	1.84E-01	1.75E-05	2.32E-06	3.72E-06	3.72E-06	2.48E-02	3.29E-05	3.54E-04	3.37E-05	7.53E-03	6.14E-03
	PCB016	PCB 1016	1.79E-01	8.55E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB221	PCB 1221	1.79E-01	8.55E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB232	PCB 1232	1.79E-01	8.55E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB242	PCB 1242	1.79E-01	8.55E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB248	PCB 1248	1.79E-01	8.55E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB254	PCB 1254	8.59E-02	4.09E-05	1.08E-06	2.17E-06	2.17E-06	1.51E-03	1.54E-06	1.66E-05	1.45E-06	5.99E-04	9.98E-05
	PCB260	PCB 1260	8.59E-02	4.09E-05	1.08E-06	2.17E-06	2.17E-06	1.51E-03	1.54E-06	1.66E-05	1.45E-06	5.99E-04	9.98E-05
	PCB262	PCB 1262	1.13E+01	5.38E-03	1.42E-04	2.85E-04	2.85E-04	1.99E-01	2.03E-04	2.18E-03	1.90E-04	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.28E-04	1.69E-07	1.82E-06	1.76E-07	6.40E-04	9.25E-05
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	1.53E-08	1.65E-07	1.57E-08	ND	8.67E-04
	PPDDD	ppDDD	9.69E-03	4.62E-06	1.22E-07	1.22E-07	4.88E-08	5.61E-06	5.62E-09	6.05E-08	5.76E-09	ND	6.75E-06
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.69E-03	4.62E-06	1.22E-07	1.22E-07	4.88E-08	5.61E-06	5.62E-09	6.05E-08	5.76E-09	ND	6.75E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.26E-02	5.98E-06	1.58E-07	1.58E-07	6.33E-08	7.27E-06	7.29E-09	7.85E-08	7.46E-09	ND	8.75E-06
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo[def]phenanthrene	ND	ND	ND	ND	ND	3.31E-04	4.39E-07	4.72E-06	4.56E-07	1.66E-03	2.40E-04
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	1.13E-04	1.22E-03	1.16E-04	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	2.21E-02	2.95E-05	3.18E-04	3.02E-05	1.00E-01	ND
	SE	Selenium	2.48E-01	1.18E-04	3.12E-06	5.80E-06	5.80E-06	3.98E-02	3.97E-05	4.28E-04	4.07E-05	2.25E-01	3.21E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.72E+00	8.17E-04	2.16E-05	4.31E-05	4.31E-05	4.23E-01	5.63E-04	6.06E-03	5.76E-04	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	3.78E-02	1.80E-05	4.76E-07	9.49E-07	9.49E-07	1.24E-02	1.24E-05	1.33E-04	1.27E-05	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	2.35E-02	6.20E-04	1.55E-03	1.55E-03	5.06E+00	6.07E-03	6.54E-02	6.22E-03	1.72E+01	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10 (cont.)	TXPHEN	Toxaphene	4.05E-01	1.93E-04	5.11E-06	1.02E-05	1.02E-05	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	1.54E-01	9.77E-05	1.33E-03	1.24E-04	4.62E+00	ND
	ZN	Zinc	6.25E-01	2.98E-04	7.87E-06	1.57E-05	1.57E-05	3.06E-02	1.96E-05	2.63E-04	2.50E-05	4.70E-01	1.18E-01
11	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	2.23E-07	2.40E-06	2.28E-07	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	2.23E-07	2.40E-06	2.28E-07	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.20E-04	1.81E-07	1.94E-06	1.85E-07	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1.19E-01	8.48E-05	2.24E-06	4.47E-06	4.47E-06	2.92E-02	5.84E-05	6.29E-04	5.98E-05	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	3.23E-01	2.30E-04	6.10E-06	1.22E-05	1.22E-05	7.96E-02	1.59E-04	1.71E-03	1.63E-04	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	1.06E-04	1.14E-03	6.80E-05	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.84E-01	2.21E-04	2.38E-03	1.36E-04	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	3.93E-05	4.23E-04	2.47E-05	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	1.28E-04	2.54E-07	2.73E-06	2.64E-07	6.40E-04	9.25E-05
	2MP	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	4.34E-08	4.67E-07	4.44E-08	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol	ND	ND	ND	ND	ND	5.31E-05	1.06E-07	1.14E-06	1.09E-07	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
11(cont.)	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.51E-02	1.08E-05	2.86E-07	5.70E-07	5.70E-07	3.72E-03	7.44E-06	8.00E-05	7.61E-06	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.35E-02	9.64E-06	2.55E-07	5.08E-07	5.08E-07	3.32E-03	6.64E-06	7.15E-05	6.80E-06	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	6.53E-02	4.67E-05	1.23E-06	2.46E-06	2.46E-06	1.61E-02	3.21E-05	3.46E-04	3.29E-05	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.06E-03	7.60E-07	2.01E-08	4.01E-08	4.01E-08	2.62E-04	5.23E-07	5.63E-06	5.35E-07	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.48E-03	1.06E-06	2.81E-08	5.59E-08	5.59E-08	3.66E-04	7.30E-07	7.86E-06	7.47E-07	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	5.83E-04	4.16E-07	1.10E-08	2.20E-08	2.20E-08	1.44E-04	2.87E-07	3.09E-06	2.94E-07	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	1.25E-03	8.95E-07	2.37E-08	4.72E-08	4.72E-08	3.08E-04	6.16E-07	6.63E-06	6.31E-07	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	6.37E-02	4.55E-05	1.20E-06	2.40E-06	2.40E-06	1.57E-02	3.13E-05	3.37E-04	3.21E-05	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1.17E-03	8.37E-07	2.21E-08	4.41E-08	4.41E-08	2.88E-04	5.76E-07	6.20E-06	5.90E-07	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.26E-01	1.61E-04	4.27E-06	8.57E-06	8.57E-06	5.57E-02	1.12E-04	1.20E-03	1.14E-04	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	3.20E-02	2.29E-05	6.05E-07	1.21E-06	1.21E-06	7.90E-03	1.58E-05	1.70E-04	1.62E-05	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-04	5.98E-07	1.58E-08	3.17E-08	3.17E-08	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane	1.02E-04	7.27E-08	1.92E-09	3.85E-09	3.85E-09	7.38E-05	8.85E-08	9.53E-07	9.06E-08	ND	ND
	AENSLF	Endosulfan I	1.20E-03	8.55E-07	2.26E-08	4.52E-08	4.52E-08	ND	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	1.65E-05	4.38E-07	8.72E-07	8.72E-07	2.61E-04	2.51E-07	3.38E-06	3.21E-07	2.01E-01	ND
	AL	Aluminum	ND	ND	ND	ND	ND	1.97E+00	2.96E-03	2.54E-02	3.02E-03	5.08E+00	1.33E+00
	ALDRN	Aldrin	1.00E-03	7.18E-07	1.46E-08	3.80E-08	3.80E-08	6.20E-04	7.44E-07	8.00E-06	3.81E-07	ND	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	1.64E-04	3.25E-07	3.50E-06	3.38E-07	8.20E-04	1.18E-04
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	2.62E-07	2.82E-06	2.72E-07	6.60E-04	9.54E-05
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene	ND	ND	ND	ND	ND	2.83E-03	5.63E-06	6.06E-05	5.85E-06	1.42E-02	2.05E-03
	AS	Arsenic	4.88E-01	3.49E-04	9.23E-06	1.85E-05	1.85E-05	6.64E-02	1.33E-04	1.43E-03	1.36E-04	9.52E-01	1.59E-01
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	1.18E-05	3.13E-07	6.26E-07	6.26E-07	6.25E-05	1.25E-07	1.35E-06	1.28E-07	2.40E-03	ND
	BA	Barium	1.07E+00	7.67E-04	2.03E-05	4.06E-05	4.06E-05	3.24E-01	6.50E-04	6.99E-03	6.62E-04	2.90E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.64E-04	3.25E-07	3.50E-06	3.38E-07	8.20E-04	1.18E-04
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	4.79E-03	9.51E-06	1.02E-04	9.88E-06	1.20E-02	3.47E-03
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	1.24E-03	2.46E-06	2.64E-05	2.55E-06	6.20E-03	8.96E-04
	BBHC	beta-Hexachlorocyclohexane	2.30E-03	1.65E-06	4.35E-08	8.71E-08	8.71E-08	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	6.21E-02	4.44E-05	1.17E-06	2.35E-06	2.35E-06	2.34E-04	4.69E-07	5.04E-06	4.80E-07	9.00E-03	ND
	BE	Beryllium	1.58E-03	1.13E-06	2.99E-08	5.97E-08	5.97E-08	1.33E-04	2.67E-07	2.87E-06	2.73E-07	2.14E-02	ND
	BENSLF	Endosulfan II	8.37E-04	5.98E-07	1.58E-08	3.17E-08	3.17E-08	ND	ND	ND	ND	ND	ND
	BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	7.18E-04	1.43E-06	1.54E-05	1.48E-06	3.60E-03	5.20E-04
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	5.18E-04	1.03E-06	1.11E-05	1.07E-06	2.60E-03	3.76E-04
	BZALC	Benzyl alcohol	1.15E-02	8.21E-06	2.17E-07	4.34E-07	4.34E-07	6.81E-05	8.17E-08	3.52E-07	8.36E-08	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
11(cont.)	CD	Cadmium	2.36E+00	1.69E-03	4.47E-05	8.29E-05	8.29E-05	2.28E-02	4.55E-05	4.89E-04	4.65E-05	7.13E-01	1.07E-01
	CHRY	Chrysene	ND	ND	ND	ND	ND	1.28E-04	2.54E-07	2.73E-06	2.64E-07	6.40E-04	9.25E-05
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	1.74E-03	1.24E-06	3.29E-08	6.58E-08	6.58E-08	1.26E-03	1.51E-06	1.63E-05	1.55E-06	ND	ND
	CO	Cobalt	1.07E-03	7.63E-07	2.02E-08	4.04E-08	4.04E-08	1.38E-01	2.66E-04	2.86E-03	3.40E-04	6.25E-02	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	1.37E+01	9.78E-03	2.59E-04	5.18E-04	5.18E-04	5.49E-02	6.59E-05	7.09E-04	5.39E-05	3.31E-01	6.20E+01
	CU	Copper	2.00E+00	1.43E-03	3.78E-05	7.56E-05	7.56E-05	8.68E-01	1.04E-03	1.12E-02	8.54E-04	1.54E+00	1.84E+00
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	1.24E-03	2.46E-06	2.64E-05	2.55E-06	6.20E-03	8.96E-04
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-03	1.82E-06	4.80E-08	9.61E-08	9.61E-08	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	8.28E-03	5.92E-06	1.57E-07	3.13E-07	3.13E-07	3.12E-05	6.25E-08	6.73E-07	6.40E-08	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	4.51E-03	3.22E-06	6.55E-08	1.70E-07	1.70E-07	2.78E-03	3.34E-06	3.59E-05	1.71E-06	ND	6.28E-05
	DMP	Dimethyl phthalate	2.17E-03	1.55E-06	4.11E-08	8.22E-08	8.22E-08	8.20E-06	1.64E-08	1.77E-07	1.68E-08	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	4.49E-02	3.21E-05	8.48E-07	1.70E-06	1.70E-06	1.69E-04	3.38E-07	3.64E-06	3.46E-07	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	7.94E-03	5.67E-06	1.50E-07	3.00E-07	3.00E-07	2.99E-05	5.99E-08	6.44E-07	6.13E-08	ND	ND
	ENDRN	Endrin	2.22E-01	1.59E-04	4.20E-06	8.02E-06	8.02E-06	7.99E-05	9.59E-08	1.03E-06	9.82E-08	ND	ND
	ENDRNA	Endrin aldehyde	1.71E-02	1.22E-05	3.23E-07	6.17E-07	6.17E-07	6.15E-06	7.38E-09	7.94E-08	7.55E-09	ND	ND
	ENDRNK	Endrin ketone	1.71E-02	1.22E-05	3.23E-07	6.17E-07	6.17E-07	6.15E-06	7.38E-09	7.94E-08	7.55E-09	ND	ND
	ESFSO4	Endosulfan sulfate	1.30E-03	9.32E-07	2.46E-08	4.93E-08	4.93E-08	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	1.28E-04	2.54E-07	2.73E-06	2.64E-07	6.40E-04	9.25E-05
	FE	Iron	8.81E+01	6.30E-02	1.67E-03	3.33E-03	3.33E-03	6.50E+01	1.30E-01	1.40E+00	1.33E-01	ND	4.79E+01
	FLRENE	Fluorene	ND	ND	ND	ND	ND	2.59E-04	5.15E-07	5.55E-06	5.35E-07	1.30E-03	1.88E-04
	GCLDAN	gamma-Chlordane	1.59E-03	1.47E-06	3.88E-08	7.75E-08	7.75E-08	7.38E-05	8.85E-08	9.53E-07	9.06E-08	ND	ND
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	2.33E-02	1.67E-05	4.41E-07	8.82E-07	8.82E-07	2.18E-03	3.32E-06	3.57E-05	3.40E-06	2.71E-01	8.13E-02
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	8.85E-06	9.53E-05	9.06E-06	ND	ND
	HPCL	Heptachlor	2.63E-03	1.88E-06	4.97E-08	9.95E-08	9.95E-08	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	1.55E-03	1.11E-06	2.94E-08	5.88E-08	5.88E-08	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	9.66E-03	1.91E-05	2.06E-04	1.96E-05	4.80E-02	6.94E-03
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
11(cont.)	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-03	8.55E-07	2.26E-08	4.52E-08	4.52E-08	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.44E-04	4.60E-07	1.22E-08	2.44E-08	2.44E-08	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	5.76E-01	4.12E-04	1.09E-05	2.18E-05	2.18E-05	1.31E-01	2.62E-04	2.82E-03	2.68E-04	6.58E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	2.95E-03	5.87E-06	6.31E-05	6.09E-06	1.48E-02	2.14E-03
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	2.02E-05	2.17E-04	2.07E-05	ND	1.43E-02
	NI	Nickel	8.80E-01	6.29E-04	1.66E-05	3.33E-05	3.33E-05	3.00E-02	6.00E-05	6.46E-04	6.14E-05	1.43E-01	1.79E-01
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	5.78E-09	6.22E-08	5.91E-09	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	6.03E-02	4.31E-05	1.14E-06	2.27E-06	2.27E-06	1.49E-02	2.97E-05	3.20E-04	3.04E-05	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	3.91E-03	2.80E-06	7.40E-08	1.47E-07	1.47E-07	9.64E-04	1.93E-06	2.07E-05	1.97E-06	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	7.42E+01	1.06E-02	1.40E-03	2.25E-03	2.25E-03	9.99E+00	1.99E-02	2.14E-01	2.04E-02	3.04E+00	2.48E+00
	PCB016	PCB 1016	1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB221	PCB 1221	1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB232	PCB 1232	1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB242	PCB 1242	1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB248	PCB 1248	1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB254	PCB 1254	8.59E-02	6.14E-05	1.62E-06	3.25E-06	3.25E-06	1.51E-03	2.31E-06	2.49E-05	2.17E-06	5.99E-04	9.98E-05
	PCB260	PCB 1260	8.59E-02	6.14E-05	1.62E-06	3.25E-06	3.25E-06	1.51E-03	2.31E-06	2.49E-05	2.17E-06	5.99E-04	9.98E-05
	PCB262	PCB 1262	1.13E+01	8.08E-03	2.14E-04	4.27E-04	4.27E-04	1.99E-01	3.04E-04	3.27E-03	2.85E-04	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.28E-04	2.54E-07	2.73E-06	2.64E-07	6.40E-04	9.25E-05
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	2.30E-08	2.48E-07	2.36E-08	ND	8.67E-04
	PPDDD	ppDDD	9.69E-03	6.92E-06	1.83E-07	1.83E-07	7.33E-08	5.61E-06	8.44E-09	9.08E-08	8.63E-09	ND	6.75E-06
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.69E-03	6.92E-06	1.83E-07	1.83E-07	7.33E-08	5.61E-06	8.44E-09	9.08E-08	8.63E-09	ND	6.75E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.26E-02	8.97E-06	2.37E-07	2.37E-07	9.50E-08	7.27E-06	1.09E-08	1.18E-07	1.12E-08	ND	8.75E-06
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo[def]phenanthrene	ND	ND	ND	ND	ND	3.31E-04	6.58E-07	7.08E-06	6.84E-07	1.66E-03	2.40E-04
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	1.70E-04	1.83E-03	1.74E-04	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	6.86E-01	1.37E-03	1.48E-02	1.40E-03	3.10E+00	ND
	SE	Selenium	2.48E-01	1.77E-04	4.69E-06	8.70E-06	8.70E-06	3.98E-02	5.96E-05	6.42E-04	6.10E-05	2.25E-01	3.21E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	3.99E-01	2.85E-04	7.55E-06	1.51E-05	1.51E-05	9.84E-02	1.97E-04	2.12E-03	2.01E-04	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
11(cont.)	TCDF	2,3,7,8-Tetrachlorodibenzofuran	7.23E-02	5.17E-05	1.37E-06	2.73E-06	2.73E-06	2.37E-02	3.56E-05	3.83E-04	3.64E-05	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	3.52E-02	9.31E-04	2.33E-03	2.33E-03	5.06E+00	9.11E-03	9.80E-02	9.32E-03	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	2.90E-04	7.67E-06	1.53E-05	1.53E-05	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	1.32E-01	1.25E-04	1.70E-03	1.59E-04	3.94E+00	ND
	ZN	Zinc	2.24E+01	1.60E-02	4.24E-04	8.47E-04	8.47E-04	1.10E+00	1.05E-03	1.42E-02	1.35E-03	1.69E+01	4.22E+00
12	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.12E-06	1.20E-05	1.14E-06	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.12E-06	1.20E-05	1.14E-06	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.20E-04	9.03E-07	9.72E-06	9.24E-07	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	9.55E-02	3.41E-04	9.03E-06	1.80E-05	1.80E-05	2.35E-02	2.35E-04	2.53E-03	2.41E-04	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	2.23E-01	7.97E-04	2.11E-05	4.23E-05	4.23E-05	5.51E-02	5.51E-04	5.93E-03	5.64E-04	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	5.31E-04	5.72E-03	3.40E-04	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.84E-01	1.11E-03	1.19E-02	6.80E-04	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	1.97E-04	2.12E-03	1.24E-04	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	1.28E-04	1.27E-06	1.37E-05	1.32E-06	6.40E-04	9.25E-05
	2MP	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	2.17E-07	2.33E-06	2.22E-07	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
12 (cont.)	4MP	p-Cresol	ND	ND	ND	ND	ND	5.31E-05	5.31E-07	5.72E-06	5.44E-07	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5.77E-03	2.06E-05	5.46E-07	1.09E-06	1.09E-06	1.42E-03	1.42E-05	1.53E-04	1.45E-05	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	6.96E-03	2.49E-05	6.58E-07	1.31E-06	1.31E-06	1.71E-03	1.71E-05	1.84E-04	1.75E-05	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	8.58E-02	3.07E-04	8.11E-06	1.62E-05	1.62E-05	2.11E-02	2.11E-04	2.27E-03	2.16E-04	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	8.09E-04	2.89E-06	7.65E-08	1.53E-07	1.53E-07	1.99E-04	1.99E-06	2.14E-05	2.04E-06	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	7.93E-04	2.83E-06	7.50E-08	1.49E-07	1.49E-07	1.95E-04	1.95E-06	2.10E-05	2.00E-06	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	8.47E-04	3.03E-06	8.01E-08	1.60E-07	1.60E-07	2.09E-04	2.08E-06	2.24E-05	2.13E-06	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	1.04E-03	3.70E-06	9.79E-08	1.95E-07	1.95E-07	2.55E-04	2.55E-06	2.74E-05	2.61E-06	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	9.82E-02	3.51E-04	9.28E-06	1.85E-05	1.85E-05	2.42E-02	2.42E-04	2.60E-03	2.47E-04	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	9.98E-04	3.57E-06	9.44E-08	1.88E-07	1.88E-07	2.46E-04	2.46E-06	2.64E-05	2.51E-06	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	3.74E-01	1.33E-03	3.53E-05	7.09E-05	7.09E-05	9.23E-02	9.23E-04	9.93E-03	9.45E-04	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	2.18E-02	7.78E-05	2.06E-06	4.13E-06	4.13E-06	5.38E-03	5.38E-05	5.79E-04	5.50E-05	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-04	2.99E-06	7.91E-08	1.58E-07	1.58E-07	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane	6.52E-04	2.33E-06	6.16E-08	1.23E-07	1.23E-07	4.72E-04	2.83E-06	3.05E-05	2.90E-06	ND	ND
	AENSLF	Endosulfan I	1.20E-03	4.27E-06	1.13E-07	2.26E-07	2.26E-07	ND	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	8.27E-05	2.19E-06	4.36E-06	4.36E-06	2.61E-04	1.25E-06	1.69E-05	1.60E-06	2.01E-01	ND
	AL	Aluminum	ND	ND	ND	ND	ND	2.59E+00	1.94E-02	1.67E-01	1.98E-02	6.67E+00	1.74E+00
	ALDRN	Aldrin	3.92E-03	1.40E-05	2.85E-07	7.41E-07	7.41E-07	2.42E-03	1.45E-05	1.56E-04	7.42E-06	ND	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	2.47E-03	2.46E-05	2.64E-04	2.55E-05	1.24E-02	1.79E-03
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	1.31E-06	1.41E-05	1.36E-06	6.60E-04	9.54E-05
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene	ND	ND	ND	ND	ND	2.83E-03	2.81E-05	3.03E-04	2.92E-05	1.42E-02	2.05E-03
	AS	Arsenic	6.20E-01	2.22E-03	5.86E-05	1.17E-04	1.17E-04	8.44E-02	8.46E-04	9.10E-03	8.65E-04	1.21E+00	2.02E-01
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	5.92E-05	1.57E-06	3.13E-06	3.13E-06	6.25E-05	6.25E-07	6.73E-06	6.40E-07	2.40E-03	ND
	BA	Barium	9.10E-01	3.25E-03	8.60E-05	1.72E-04	1.72E-04	2.75E-01	2.76E-03	2.97E-02	2.81E-03	2.46E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	9.57E-03	9.51E-05	1.02E-03	9.88E-05	4.80E-02	6.94E-03
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	4.79E-03	4.76E-05	5.12E-04	4.94E-05	1.20E-02	3.47E-03
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	1.91E-02	1.90E-04	2.05E-03	1.98E-04	9.60E-02	1.39E-02
	BBHC	beta-Hexachlorocyclohexane	2.30E-03	8.23E-06	2.18E-07	4.35E-07	4.35E-07	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	6.21E-02	2.22E-04	5.87E-06	1.17E-05	1.17E-05	2.34E-04	2.34E-06	2.52E-05	2.40E-06	9.00E-03	ND
	BE	Beryllium	1.58E-03	5.64E-06	1.49E-07	2.99E-07	2.99E-07	1.33E-04	1.33E-06	1.44E-05	1.37E-06	2.14E-02	ND
	BENSLF	Endosulfan II	8.37E-04	2.99E-06	7.91E-08	1.58E-07	1.58E-07	ND	ND	ND	ND	ND	ND
	BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	7.34E-03	7.29E-05	7.85E-04	7.58E-05	3.68E-02	5.32E-03

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
12 (cont.)	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	6.14E-03	6.10E-05	6.57E-04	6.34E-05	3.08E-02	4.45E-03
	BZALC	Benzyl alcohol	1.15E-02	4.10E-05	1.09E-06	2.17E-06	2.17E-06	6.81E-05	4.09E-07	1.76E-06	4.18E-07	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	6.62E-01	2.37E-03	6.26E-05	1.16E-04	1.16E-04	6.40E-03	6.37E-05	6.86E-04	6.52E-05	2.00E-01	3.00E-02
	CHRY	Chrysene	ND	ND	ND	ND	ND	1.28E-02	1.27E-04	1.37E-03	1.32E-04	6.40E-02	9.25E-03
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	1.29E-02	4.62E-05	1.22E-06	2.44E-06	2.44E-06	9.37E-03	5.62E-05	6.05E-04	5.75E-05	ND	ND
	CO	Cobalt	1.07E-03	3.82E-06	1.01E-07	2.02E-07	2.02E-07	1.38E-01	1.33E-03	1.43E-02	1.70E-03	6.25E-02	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	6.46E+00	2.31E-02	6.10E-04	1.22E-03	1.22E-03	2.59E-02	1.55E-04	1.67E-03	1.27E-04	1.56E-01	2.93E+01
	CU	Copper	1.60E-01	5.70E-04	1.51E-05	3.02E-05	3.02E-05	6.94E-02	4.16E-04	4.48E-03	3.41E-04	1.23E-01	1.47E-01
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	1.24E-03	1.23E-05	1.32E-04	1.28E-05	6.20E-03	8.96E-04
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-03	9.08E-06	2.40E-07	4.80E-07	4.80E-07	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	8.28E-03	2.96E-05	7.83E-07	1.57E-06	1.57E-06	3.12E-05	3.12E-07	3.36E-06	3.20E-07	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	3.73E-03	1.33E-05	2.71E-07	7.05E-07	7.05E-07	2.30E-03	1.38E-05	1.49E-04	7.07E-06	ND	5.20E-05
	DMP	Dimethyl phthalate	2.17E-03	7.77E-06	2.05E-07	4.11E-07	4.11E-07	8.20E-06	8.20E-08	8.83E-07	8.39E-08	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	4.49E-02	1.60E-04	4.24E-06	8.48E-06	8.48E-06	1.69E-04	1.69E-06	1.82E-05	1.73E-06	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	7.94E-03	2.84E-05	7.50E-07	1.50E-06	1.50E-06	2.99E-05	2.99E-07	3.22E-06	3.06E-07	ND	ND
	ENDRN	Endrin	8.48E-01	3.03E-03	8.01E-05	1.53E-04	1.53E-04	3.05E-04	1.83E-06	1.97E-05	1.87E-06	ND	ND
	ENDRNA	Endrin aldehyde	1.71E-02	6.11E-05	1.62E-06	3.08E-06	3.08E-06	6.15E-06	3.69E-08	3.97E-07	3.78E-08	ND	ND
	ENDRNK	Endrin ketone	1.71E-02	6.11E-05	1.62E-06	3.08E-06	3.08E-06	6.15E-06	3.69E-08	3.97E-07	3.78E-08	ND	ND
	ESFSO4	Endosulfan sulfate	5.98E-04	2.14E-06	5.65E-08	1.13E-07	1.13E-07	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	9.57E-03	9.51E-05	1.02E-03	9.88E-05	4.80E-02	6.94E-03
	FE	Iron	1.13E+01	4.03E-02	1.07E-03	2.13E-03	2.13E-03	8.32E+00	8.33E-02	8.96E-01	8.50E-02	ND	6.13E+00
	FLRENE	Fluorene	ND	ND	ND	ND	ND	1.04E-03	1.03E-05	1.11E-04	1.07E-05	5.20E-03	7.51E-04
	GCLDAN	gamma-Chlordane	1.11E-02	5.09E-05	1.35E-06	2.69E-06	2.69E-06	5.13E-04	3.08E-06	3.31E-05	3.15E-06	ND	ND
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	7.18E-03	2.56E-05	6.78E-07	1.36E-06	1.36E-06	6.71E-04	5.11E-06	5.50E-05	5.23E-06	8.33E-02	2.50E-02
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	4.43E-05	4.76E-04	4.53E-05	ND	ND
	HPCL	Heptachlor	2.63E-03	9.40E-06	2.49E-07	4.97E-07	4.97E-07	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
12 (cont.)	HPCLE	Heptachlor epoxide	1.55E-03	5.56E-06	1.47E-07	2.94E-07	2.94E-07	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	9.66E-03	9.56E-05	1.03E-03	9.79E-05	4.80E-02	6.94E-03
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-03	4.27E-06	1.13E-07	2.26E-07	2.26E-07	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.44E-04	2.30E-06	6.09E-08	1.22E-07	1.22E-07	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	2.75E-01	9.82E-04	2.60E-05	5.19E-05	5.19E-05	6.26E-02	6.26E-04	6.73E-03	6.40E-04	3.14E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	2.95E-03	2.93E-05	3.16E-04	3.05E-05	1.48E-02	2.14E-03
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	1.01E-04	1.09E-03	1.03E-04	ND	1.43E-02
	NI	Nickel	1.15E-01	4.11E-04	1.09E-05	2.17E-05	2.17E-05	3.92E-03	3.92E-05	4.21E-04	4.01E-05	1.86E-02	2.33E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	2.89E-08	3.11E-07	2.96E-08	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	2.82E-03	1.01E-05	2.66E-07	5.31E-07	5.31E-07	6.94E-04	6.93E-06	7.46E-05	7.09E-06	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	3.00E-03	1.07E-05	2.84E-07	5.65E-07	5.65E-07	7.39E-04	7.38E-06	7.95E-05	7.56E-06	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	3.51E+00	2.51E-03	3.32E-04	5.31E-04	5.31E-04	4.72E-01	4.71E-03	5.07E-02	4.82E-03	1.44E-01	1.17E-01
	PCB016	PCB 1016	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB221	PCB 1221	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB232	PCB 1232	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB242	PCB 1242	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB248	PCB 1248	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB254	PCB 1254	8.59E-02	3.07E-04	8.12E-06	1.62E-05	1.62E-05	1.51E-03	1.16E-05	1.24E-04	1.08E-05	5.99E-04	9.98E-05
	PCB260	PCB 1260	8.59E-02	3.07E-04	8.12E-06	1.62E-05	1.62E-05	1.51E-03	1.16E-05	1.24E-04	1.08E-05	5.99E-04	9.98E-05
	PCB262	PCB 1262	1.13E+01	4.04E-02	1.07E-03	2.14E-03	2.14E-03	1.99E-01	1.52E-03	1.64E-02	1.43E-03	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.20E-02	1.19E-04	1.28E-03	1.24E-04	6.00E-02	8.67E-03
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	1.15E-07	1.24E-06	1.18E-07	ND	8.67E-04
	PPDDD	ppDDD	9.69E-03	3.46E-05	9.16E-07	9.16E-07	3.66E-07	5.61E-06	4.22E-08	4.54E-07	4.32E-08	ND	6.75E-06
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.69E-03	3.46E-05	9.16E-07	9.16E-07	3.66E-07	5.61E-06	4.22E-08	4.54E-07	4.32E-08	ND	6.75E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.26E-02	4.49E-05	1.19E-06	1.19E-06	4.75E-07	7.27E-06	5.47E-08	5.88E-07	5.60E-08	ND	8.75E-06
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo[def]phenanthrene	ND	ND	ND	ND	ND	1.52E-02	1.51E-04	1.62E-03	1.56E-04	7.60E-02	1.10E-02
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	8.50E-04	9.15E-03	8.70E-04	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	6.15E-02	6.15E-04	6.62E-03	6.30E-04	2.78E-01	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
12 (cont.)	SE	Selenium	2.48E-01	8.86E-04	2.34E-05	4.35E-05	4.35E-05	3.98E-02	2.98E-04	3.21E-03	3.05E-04	2.25E-01	3.21E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	6.04E-01	2.16E-03	5.71E-05	1.14E-04	1.14E-04	1.49E-01	1.49E-03	1.60E-02	1.52E-03	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	4.86E-02	1.74E-04	4.59E-06	9.15E-06	9.15E-06	1.59E-02	1.20E-04	1.29E-03	1.22E-04	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	1.76E-01	4.65E-03	1.16E-02	1.16E-02	5.06E+00	4.55E-02	4.90E-01	4.66E-02	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	1.45E-03	3.83E-05	7.67E-05	7.67E-05	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	1.55E-01	7.36E-04	1.00E-02	9.34E-04	4.64E+00	ND
	ZN	Zinc	1.40E+00	5.00E-03	1.32E-04	2.65E-04	2.65E-04	6.86E-02	3.29E-04	4.43E-03	4.21E-04	1.05E+00	2.64E-01
15	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	3.72E-06	4.00E-05	3.81E-06	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	3.72E-06	4.00E-05	3.81E-06	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.20E-04	3.01E-06	3.24E-05	3.08E-06	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1.54E-01	1.84E-03	4.86E-05	9.70E-05	9.70E-05	3.80E-02	1.27E-03	1.36E-02	1.30E-03	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	4.84E-01	5.76E-03	1.52E-04	3.06E-04	3.06E-04	1.19E-01	3.98E-03	4.29E-02	4.08E-03	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	1.77E-03	1.91E-02	1.13E-03	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.84E-01	3.69E-03	3.97E-02	2.27E-03	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	6.56E-04	7.06E-03	4.12E-04	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	3.91E-02	1.29E-03	1.39E-02	1.35E-03	1.96E-01	2.83E-02
	2MP	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	7.23E-07	7.78E-06	7.40E-07	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
15 (cont.)	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol	ND	ND	ND	ND	ND	5.31E-05	1.77E-06	1.91E-05	1.81E-06	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.62E-01	1.93E-03	5.09E-05	1.02E-04	1.02E-04	3.98E-02	1.33E-03	1.43E-02	1.36E-03	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.89E-02	2.25E-04	5.95E-06	1.19E-05	1.19E-05	4.65E-03	1.55E-04	1.67E-03	1.59E-04	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.11E-01	1.32E-03	3.50E-05	6.98E-05	6.98E-05	2.74E-02	9.12E-04	9.81E-03	9.33E-04	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.38E-03	1.64E-05	4.34E-07	8.64E-07	8.64E-07	3.39E-04	1.13E-05	1.21E-04	1.16E-05	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2.08E-03	2.47E-05	6.55E-07	1.31E-06	1.31E-06	5.12E-04	1.70E-05	1.83E-04	1.74E-05	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	9.93E-04	1.18E-05	3.13E-07	6.24E-07	6.24E-07	2.45E-04	8.14E-06	8.77E-05	8.34E-06	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	1.62E-03	1.93E-05	5.12E-07	1.02E-06	1.02E-06	4.00E-04	1.33E-05	1.43E-04	1.36E-05	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.08E-01	1.29E-03	3.40E-05	6.78E-05	6.78E-05	2.66E-02	8.85E-04	9.53E-03	9.06E-04	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1.52E-03	1.81E-05	4.78E-07	9.53E-07	9.53E-07	3.74E-04	1.24E-05	1.34E-04	1.27E-05	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	4.65E-01	5.54E-03	1.47E-04	2.94E-04	2.94E-04	1.15E-01	3.83E-03	4.12E-02	3.92E-03	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	4.81E-02	5.73E-04	1.52E-05	3.04E-05	3.04E-05	1.19E-02	3.96E-04	4.26E-03	4.05E-04	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-04	9.97E-06	2.64E-07	5.28E-07	5.28E-07	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane	1.02E-04	1.21E-06	3.21E-08	6.41E-08	6.41E-08	7.38E-05	1.48E-06	1.59E-05	1.51E-06	ND	ND
	AENSLF	Endosulfan I	3.59E-03	4.27E-05	1.13E-06	2.26E-06	2.26E-06	ND	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	2.76E-04	7.29E-06	1.45E-05	1.45E-05	2.61E-04	4.18E-06	5.63E-05	5.35E-06	2.01E-01	ND
	AL	Aluminum	ND	ND	ND	ND	ND	3.96E+00	9.91E-02	8.53E-01	1.01E-01	1.02E+01	2.66E+00
	ALDRN	Aldrin	2.44E-03	2.90E-05	5.90E-07	1.53E-06	1.53E-06	1.50E-03	3.00E-05	3.23E-04	1.54E-05	ND	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	4.79E-01	1.59E-02	1.71E-01	1.65E-02	2.40E+00	3.47E-01
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	4.36E-06	4.69E-05	4.53E-06	6.60E-04	9.54E-05
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene	ND	ND	ND	ND	ND	5.58E-01	1.85E-02	1.99E-01	1.92E-02	2.80E+00	4.05E-01
	AS	Arsenic	3.43E+00	4.09E-02	1.08E-03	2.16E-03	2.16E-03	4.67E-01	1.56E-02	1.68E-01	1.60E-02	6.70E+00	1.12E+00
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	1.97E-04	5.22E-06	1.04E-05	1.04E-05	6.25E-05	2.08E-06	2.24E-05	2.13E-06	2.40E-03	ND
	BA	Barium	1.72E+00	2.04E-02	5.41E-04	1.08E-03	1.08E-03	5.19E-01	1.73E-02	1.87E-01	1.77E-02	4.64E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	7.98E-01	2.64E-02	2.84E-01	2.75E-02	4.00E+00	5.78E-01
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	7.98E-01	2.64E-02	2.84E-01	2.75E-02	2.00E+00	5.78E-01
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	7.98E-01	2.64E-02	2.84E-01	2.75E-02	4.00E+00	5.78E-01
	BBHC	beta-Hexachlorocyclohexane	2.30E-03	2.74E-05	7.25E-07	1.45E-06	1.45E-06	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	6.21E-02	7.40E-04	1.96E-05	3.91E-05	3.91E-05	2.34E-04	7.81E-06	8.41E-05	7.99E-06	9.00E-03	ND
	BE	Beryllium	1.58E-03	1.88E-05	4.98E-07	9.95E-07	9.95E-07	1.33E-04	4.45E-06	4.79E-05	4.55E-06	2.14E-02	ND
	BENSLF	Endosulfan II	3.72E-03	4.44E-05	1.17E-06	2.35E-06	2.35E-06	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
15 (cont.)	BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	4.79E-01	1.59E-02	1.71E-01	1.65E-02	2.40E+00	3.47E-01
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	7.98E-01	2.64E-02	2.84E-01	2.75E-02	4.00E+00	5.78E-01
	BZALC	Benzyl alcohol	1.15E-02	1.37E-04	3.62E-06	7.24E-06	7.24E-06	6.81E-05	1.36E-06	5.86E-06	1.39E-06	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	6.62E+00	7.89E-02	2.09E-03	3.88E-03	3.88E-03	6.40E-02	2.12E-03	2.29E-02	2.17E-03	2.00E+00	3.00E-01
	CHRY	Chrysene	ND	ND	ND	ND	ND	1.60E+00	5.29E-02	5.69E-01	5.49E-02	8.00E+00	1.16E+00
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	1.74E-03	2.07E-05	5.48E-07	1.10E-06	1.10E-06	1.26E-03	2.52E-05	2.72E-04	2.58E-05	ND	ND
	CO	Cobalt	1.31E-02	1.56E-04	4.12E-06	8.24E-06	8.24E-06	1.69E+00	5.42E-02	5.83E-01	6.93E-02	7.65E-01	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	2.72E+01	3.23E-01	8.56E-03	1.71E-02	1.71E-02	1.09E-01	2.18E-03	2.34E-02	1.78E-03	6.56E-01	1.23E+02
	CU	Copper	4.93E+01	5.87E-01	1.55E-02	3.11E-02	3.11E-02	2.14E+01	4.29E-01	4.61E+00	3.51E-01	3.80E+01	4.53E+01
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	2.39E-01	7.93E-03	8.53E-02	8.24E-03	1.20E+00	1.73E-01
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-03	3.03E-05	8.01E-07	1.60E-06	1.60E-06	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	8.28E-03	9.86E-05	2.61E-06	5.22E-06	5.22E-06	3.12E-05	1.04E-06	1.12E-05	1.07E-06	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	2.15E-02	2.56E-04	5.22E-06	1.36E-05	1.36E-05	1.33E-02	2.66E-04	2.86E-03	1.36E-04	ND	3.00E-04
	DMP	Dimethyl phthalate	2.17E-03	2.59E-05	6.85E-07	1.37E-06	1.37E-06	8.20E-06	2.73E-07	2.94E-06	2.80E-07	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	4.49E-02	5.34E-04	1.41E-05	2.83E-05	2.83E-05	1.69E-04	5.64E-06	6.07E-05	5.77E-06	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	7.94E-03	9.45E-05	2.50E-06	5.00E-06	5.00E-06	2.99E-05	9.98E-07	1.07E-05	1.02E-06	ND	ND
	ENDRN	Endrin	2.22E-01	2.65E-03	7.00E-05	1.34E-04	1.34E-04	7.99E-05	1.60E-06	1.72E-05	1.64E-06	ND	ND
	ENDRNA	Endrin aldehyde	1.71E-02	2.04E-04	5.38E-06	1.03E-05	1.03E-05	6.15E-06	1.23E-07	1.32E-06	1.26E-07	ND	ND
	ENDRNK	Endrin ketone	5.11E-01	6.09E-03	1.61E-04	3.08E-04	3.08E-04	1.84E-04	3.68E-06	3.96E-05	3.76E-06	ND	ND
	ESFSO4	Endosulfan sulfate	1.15E-03	1.38E-05	3.64E-07	7.28E-07	7.28E-07	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	1.60E+00	5.29E-02	5.69E-01	5.49E-02	8.00E+00	1.16E+00
	FE	Iron	6.77E+01	8.07E-01	2.13E-02	4.27E-02	4.27E-02	5.00E+01	1.67E+00	1.79E+01	1.70E+00	ND	3.68E+01
	FLRENE	Fluorene	ND	ND	ND	ND	ND	3.19E-01	1.06E-02	1.14E-01	1.10E-02	1.60E+00	2.31E-01
	GCLDAN	gamma-Chlordane	1.59E-03	2.44E-05	6.46E-07	1.29E-06	1.29E-06	7.38E-05	1.48E-06	1.59E-05	1.51E-06	ND	ND
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
15 (cont.)	HG	Mercury	2.44E-01	2.90E-03	7.68E-05	1.54E-04	1.54E-04	2.28E-02	5.78E-04	6.22E-03	5.92E-04	2.83E+00	8.49E-01
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	1.48E-04	1.59E-03	1.51E-04	ND	ND
	HPCL	Heptachlor	1.71E-02	2.03E-04	5.37E-06	1.07E-05	1.07E-05	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	2.43E-03	2.90E-05	7.66E-07	1.53E-06	1.53E-06	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	4.83E-01	1.59E-02	1.71E-01	1.63E-02	2.40E+00	3.47E-01
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-03	1.42E-05	3.77E-07	7.54E-07	7.54E-07	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.44E-04	7.67E-06	2.03E-07	4.06E-07	4.06E-07	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	5.34E-01	6.36E-03	1.68E-04	3.36E-04	3.36E-04	1.22E-01	4.05E-03	4.36E-02	4.14E-03	6.10E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	1.60E-01	5.29E-03	5.69E-02	5.49E-03	8.00E-01	1.16E-01
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	3.36E-04	3.62E-03	3.44E-04	ND	1.43E-02
	NI	Nickel	2.93E-01	3.50E-03	9.25E-05	1.85E-04	1.85E-04	1.00E-02	3.33E-04	3.59E-03	3.41E-04	4.76E-02	5.95E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	9.63E-08	1.04E-06	9.85E-08	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	3.71E-01	4.42E-03	1.17E-04	2.33E-04	2.33E-04	9.13E-02	3.04E-03	3.27E-02	3.11E-03	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	7.66E-03	9.13E-05	2.41E-06	4.81E-06	4.81E-06	1.89E-03	6.29E-05	6.76E-04	6.43E-05	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	1.11E+01	2.64E-02	3.49E-03	5.60E-03	5.60E-03	1.49E+00	4.96E-02	5.34E-01	5.07E-02	4.53E-01	3.70E-01
	PCB016	PCB 1016	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.25E-03	2.08E-04
	PCB221	PCB 1221	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.25E-03	2.08E-04
	PCB232	PCB 1232	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.25E-03	2.08E-04
	PCB242	PCB 1242	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.25E-03	2.08E-04
	PCB248	PCB 1248	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.25E-03	2.08E-04
	PCB254	PCB 1254	8.59E-02	1.02E-03	2.71E-05	5.42E-05.	5.42E-05	1.51E-03	3.85E-05	4.15E-04	3.62E-05	5.99E-04	9.98E-05
	PCB260	PCB 1260	8.59E-02	1.02E-03	2.71E-05	5.42E-05	5.42E-05	1.51E-03	3.85E-05	4.15E-04	3.62E-05	5.99E-04	9.98E-05
	PCB262	PCB 1262	1.13E+01	1.35E-01	3.56E-03	7.12E-03	7.12E-03	1.99E-01	5.07E-03	5.46E-02	4.76E-03	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	3.19E+00	1.06E-01	1.14E+00	1.10E-01	1.60E+01	2.31E+00
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	3.84E-07	4.13E-06	3.93E-07	ND	8.67E-04
	PPDDD	ppDDD	5.27E-02	6.27E-04	1.66E-05	1.66E-05	6.64E-06	3.05E-05	7.64E-07	8.23E-06	7.82E-07	ND	3.67E-05
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	2.09E-01	2.49E-03	6.58E-05	6.58E-05	2.63E-05	1.21E-04	3.03E-06	3.26E-05	3.10E-06	ND	1.46E-04
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	3.60E-01	4.28E-03	1.13E-04	1.13E-04	4.53E-05	2.08E-04	5.22E-06	5.62E-05	5.34E-06	ND	2.51E-04
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
15 (cont.)	PYR	Benzo[def]phenanthrene	ND	ND	ND	ND	ND	3.19E+00	1.06E-01	1.14E+00	1.10E-01	1.60E+01	2.31E+00
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	2.83E-03	3.05E-02	2.90E-03	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	4.40E-01	1.47E-02	1.58E-01	1.50E-02	1.99E+00	ND
	SE	Selenium	8.09E-01	9.64E-03	2.55E-04	4.74E-04	4.74E-04	1.30E-01	3.24E-03	3.49E-02	3.32E-03	7.33E-01	1.05E-02
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2.19E+00	2.61E-02	6.91E-04	1.38E-03	1.38E-03	5.41E-01	1.80E-02	1.94E-01	1.84E-02	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	6.48E-02	7.71E-04	2.04E-05	4.07E-05	4.07E-05	2.12E-02	5.31E-04	5.72E-03	5.44E-04	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	5.86E-01	1.55E-02	3.88E-02	3.88E-02	5.06E+00	1.52E-01	1.63E+00	1.55E-01	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	4.83E-03	1.28E-04	2.56E-04	2.56E-04	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	2.14E-01	3.38E-03	4.60E-02	4.30E-03	6.40E+00	ND
	ZN	Zinc	1.58E+01	1.88E-01	4.97E-03	9.95E-03	9.95E-03	7.73E-01	1.24E-02	1.66E-01	1.58E-02	1.19E+01	2.97E+00
1B	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.42E-04	3.72E-08	4.00E-07	3.81E-08	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.42E-04	3.72E-08	4.00E-07	3.81E-08	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.15E-04	3.01E-08	3.24E-07	3.08E-08	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	6.85E-02	8.16E-06	2.16E-07	4.31E-07	4.31E-07	1.61E-02	5.62E-06	6.05E-05	5.75E-06	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	3.25E-01	3.87E-05	1.02E-06	2.06E-06	2.06E-06	7.65E-02	2.68E-05	2.88E-04	2.74E-05	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.43E-02	1.77E-05	1.91E-04	1.13E-05	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.76E-01	3.69E-05	3.97E-04	2.27E-05	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.12E-02	6.56E-06	7.06E-05	4.12E-06	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	1.22E-04	4.23E-08	4.55E-07	4.39E-08	6.40E-04	9.25E-05
	2MP	o-Cresol	ND	ND	ND	ND	ND	2.07E-05	7.23E-09	7.78E-08	7.40E-09	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1B (cont.)	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	5.06E-05	1.77E-08	1.91E-07	1.81E-08	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	7.55E-03	9.00E-07	2.38E-08	4.75E-08	4.75E-08	1.77E-03	6.20E-07	6.67E-06	6.34E-07	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	8.74E-03	1.04E-06	2.75E-08	5.49E-08	5.49E-08	2.05E-03	7.17E-07	7.72E-06	7.34E-07	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	7.77E-02	9.25E-06	2.45E-07	4.88E-07	4.88E-07	1.82E-02	6.37E-06	6.86E-05	6.52E-06	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	5.94E-04	7.07E-08	1.87E-09	3.73E-09	3.73E-09	1.39E-04	4.87E-08	5.24E-07	4.98E-08	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	9.55E-04	1.14E-07	3.01E-09	6.00E-09	6.00E-09	2.24E-04	7.83E-08	8.43E-07	8.02E-08	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	7.34E-04	8.74E-08	2.31E-09	4.61E-09	4.61E-09	1.72E-04	6.02E-08	6.48E-07	6.16E-08	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	7.23E-04	8.61E-08	2.28E-09	4.54E-09	4.54E-09	1.70E-04	5.93E-08	6.38E-07	6.07E-08	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	8.20E-02	9.77E-06	2.58E-07	5.15E-07	5.15E-07	1.92E-02	6.73E-06	7.24E-05	6.89E-06	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	7.01E-04	8.35E-08	2.21E-09	4.41E-09	4.41E-09	1.65E-04	5.75E-08	6.19E-07	5.89E-08	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	6.10E-01	7.27E-05	1.92E-06	3.86E-06	3.86E-06	1.43E-01	5.02E-05	5.41E-04	5.14E-05	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	3.28E-02	3.91E-06	1.03E-07	2.07E-07	2.07E-07	7.71E-03	2.70E-06	2.91E-05	2.76E-06	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-04	9.97E-08	2.64E-09	5.28E-09	5.28E-09	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane	1.02E-04	1.21E-08	3.21E-10	6.41E-10	6.41E-10	7.03E-05	1.48E-08	1.59E-07	1.51E-08	ND	ND
	AENSLF	Endosulfan I	1.20E-03	1.42E-07	3.77E-09	7.54E-09	7.54E-09	ND	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	2.76E-06	7.29E-08	1.45E-07	1.45E-07	2.49E-04	4.18E-08	5.63E-07	5.35E-08	2.01E-01	ND
	AL	Aluminum	ND	ND	ND	ND	ND	5.61E+00	1.47E-03	1.27E-02	1.51E-03	1.52E+01	3.96E+00
	ALDRN	Aldrin	1.00E-03	1.20E-07	2.44E-09	6.33E-09	6.33E-09	5.90E-04	1.24E-07	1.33E-06	6.34E-08	ND	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	1.56E-04	5.42E-08	5.83E-07	5.63E-08	8.20E-04	1.18E-04
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	1.25E-04	4.36E-08	4.69E-07	4.53E-08	6.60E-04	9.54E-05
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene	ND	ND	ND	ND	ND	2.70E-03	9.38E-07	1.01E-05	9.75E-07	1.42E-02	2.05E-03
	AS	Arsenic	1.65E-01	1.97E-05	5.20E-07	1.04E-06	1.04E-06	2.14E-02	7.50E-06	8.07E-05	7.68E-06	3.22E-01	5.37E-02
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	1.97E-06	5.22E-08	1.04E-07	1.04E-07	5.95E-05	2.08E-08	2.24E-07	2.13E-08	2.40E-03	ND
	BA	Barium	1.27E+00	1.51E-04	3.99E-06	7.97E-06	7.97E-06	3.64E-01	1.28E-04	1.37E-03	1.30E-04	3.42E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.56E-04	5.42E-08	5.83E-07	5.63E-08	8.20E-04	1.18E-04
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	4.56E-03	1.59E-06	1.71E-05	1.65E-06	1.20E-02	3.47E-03
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	1.18E-03	4.10E-07	4.41E-06	4.26E-07	6.20E-03	8.96E-04
	BBHC	beta-Hexachlorocyclohexane	2.30E-03	2.74E-07	7.25E-09	1.45E-08	1.45E-08	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1B (cont.)	BBZP	Butylbenzyl phthalate	6.21E-02	7.40E-06	1.96E-07	3.91E-07	3.91E-07	2.23E-04	7.81E-08	8.41E-07	7.99E-08	9.00E-03	ND
	BE	Beryllium	4.19E-03	4.99E-07	1.32E-08	2.64E-08	2.64E-08	3.37E-04	1.18E-07	1.27E-06	1.21E-07	5.66E-02	ND
	BENSLF	Endosulfan II	8.37E-04	9.97E-08	2.64E-09	5.28E-09	5.28E-09	ND	ND	ND	ND	ND	ND
	BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	6.84E-04	2.38E-07	2.56E-06	2.47E-07	3.60E-03	5.20E-04
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	4.94E-04	1.72E-07	1.85E-06	1.78E-07	2.60E-03	3.76E-04
	BZALC	Benzyl alcohol	1.15E-02	1.37E-06	3.62E-08	7.24E-08	7.24E-08	6.49E-05	1.36E-08	5.86E-08	1.39E-08	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	5.59E+00	6.65E-04	1.76E-05	3.27E-05	3.27E-05	5.14E-02	1.79E-05	1.93E-04	1.83E-05	1.69E+00	2.53E-01
	CHRY	Chrysene	ND	ND	ND	ND	ND	1.22E-04	4.23E-08	4.55E-07	4.39E-08	6.40E-04	9.25E-05
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	1.74E-03	2.07E-07	5.48E-09	1.10E-08	1.10E-08	1.20E-03	2.52E-07	2.72E-06	2.58E-07	ND	ND
	CO	Cobalt	3.23E-03	3.85E-07	1.02E-08	2.03E-08	2.03E-08	3.98E-01	1.34E-04	1.44E-03	1.71E-04	1.89E-01	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	8.06E+00	9.60E-04	2.54E-05	5.08E-05	5.08E-05	3.08E-02	6.46E-06	6.95E-05	5.29E-06	1.95E-01	3.65E+01
	CU	Copper	2.22E-01	2.64E-05	6.99E-07	1.40E-06	1.40E-06	9.18E-02	1.93E-05	2.08E-04	1.58E-05	1.71E-01	2.04E-01
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	1.18E-03	4.10E-07	4.41E-06	4.26E-07	6.20E-03	8.96E-04
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-03	3.03E-07	8.01E-09	1.60E-08	1.60E-08	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	8.28E-03	9.86E-07	2.61E-08	5.22E-08	5.22E-08	2.98E-05	1.04E-08	1.12E-07	1.07E-08	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	1.15E-03	1.37E-07	2.78E-09	7.24E-09	7.24E-09	6.75E-04	1.42E-07	1.52E-06	7.25E-08	ND	1.60E-05
	DMP	Dimethyl phthalate	2.17E-03	2.59E-07	6.85E-09	1.37E-08	1.37E-08	7.81E-06	2.73E-09	2.94E-08	2.80E-09	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	4.49E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	1.61E-04	5.64E-08	6.07E-07	5.77E-08	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	7.94E-03	9.45E-07	2.50E-08	5.00E-08	5.00E-08	2.85E-05	9.98E-09	1.07E-07	1.02E-08	ND	ND
	ENDRN	Endrin	2.22E-01	2.65E-05	7.00E-07	1.34E-06	1.34E-06	7.61E-05	1.60E-08	1.72E-07	1.64E-08	ND	ND
	ENDRNA	Endrin aldehyde	8.61E-02	1.03E-05	2.71E-07	5.18E-07	5.18E-07	2.95E-05	6.20E-09	6.67E-08	6.34E-09	ND	ND
	ENDRNK	Endrin ketone	1.71E-02	2.04E-06	5.38E-08	1.03E-07	1.03E-07	5.86E-06	1.23E-09	1.32E-08	1.26E-09	ND	ND
	ESFSO4	Endosulfan sulfate	5.98E-04	7.12E-08	1.88E-09	3.77E-09	3.77E-09	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	1.22E-04	4.23E-08	4.55E-07	4.39E-08	6.40E-04	9.25E-05
	FE	Iron	2.32E+01	2.76E-03	7.31E-05	1.46E-04	1.46E-04	1.63E+01	5.71E-03	6.14E-02	5.82E-03	ND	1.26E+01

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1B (cont.)	FLRENE	Fluorene	ND	ND	ND	ND	ND	2.47E-04	8.59E-08	9.24E-07	8.92E-08	1.30E-03	1.88E-04
	GCLDAN	gamma-Chlordane	1.59E-03	2.44E-07	6.46E-09	1.29E-08	1.29E-08	7.03E-05	1.48E-08	1.59E-07	1.51E-08	ND	ND
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	7.18E-03	8.55E-07	2.26E-08	4.52E-08	4.52E-08	6.39E-04	1.70E-07	1.83E-06	1.74E-07	8.33E-02	2.50E-02
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.22E-03	1.48E-06	1.59E-05	1.51E-06	ND	ND
	HPCL	Heptachlor	2.63E-03	3.13E-07	8.29E-09	1.66E-08	1.66E-08	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	1.55E-03	1.85E-07	4.90E-09	9.80E-09	9.80E-09	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	9.20E-03	3.19E-06	3.43E-05	3.26E-06	4.80E-02	6.94E-03
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-03	1.42E-07	3.77E-09	7.54E-09	7.54E-09	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.44E-04	7.67E-08	2.03E-09	4.06E-09	4.06E-09	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	5.08E-01	6.05E-05	1.60E-06	3.20E-06	3.20E-06	1.10E-01	3.85E-05	4.15E-04	3.94E-05	5.80E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	2.81E-03	9.78E-07	1.05E-05	1.02E-06	1.48E-02	2.14E-03
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.26E-02	3.36E-06	3.62E-05	3.44E-06	ND	1.43E-02
	NI	Nickel	2.08E-01	2.47E-05	6.54E-07	1.31E-06	1.31E-06	6.74E-03	2.36E-06	2.54E-05	2.41E-06	3.37E-02	4.21E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.75E-06	9.63E-10	1.04E-08	9.85E-10	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	2.20E-02	2.62E-06	6.92E-08	1.38E-07	1.38E-07	5.15E-03	1.80E-06	1.94E-05	1.84E-06	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	1.30E-03	1.54E-07	4.08E-09	8.14E-09	8.14E-09	3.04E-04	1.06E-07	1.14E-06	1.09E-07	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	1.42E+00	3.37E-05	4.46E-06	7.15E-06	7.15E-06	1.81E-01	6.33E-05	6.81E-04	6.48E-05	5.79E-02	4.72E-02
	PCB016	PCB 1016	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
	PCB221	PCB 1221	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
	PCB232	PCB 1232	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
	PCB242	PCB 1242	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
	PCB248	PCB 1248	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
	PCB254	PCB 1254	8.59E-02	1.02E-05	2.71E-07	5.42E-07	5.42E-07	1.44E-03	3.85E-07	4.15E-06	3.62E-07	5.99E-04	9.98E-05
	PCB260	PCB 1260	8.59E-02	1.02E-05	2.71E-07	5.42E-07	5.42E-07	1.44E-03	3.85E-07	4.15E-06	3.62E-07	5.99E-04	9.98E-05
	PCB262	PCB 1262	1.13E+01	1.35E-03	3.56E-05	7.12E-05	7.12E-05	1.90E-01	5.07E-05	5.46E-04	4.76E-05	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.22E-04	4.23E-08	4.55E-07	4.39E-08	6.40E-04	9.25E-05
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.10E-05	3.84E-09	4.13E-08	3.93E-09	ND	8.67E-04
	PPDDD	ppDDD	9.69E-03	1.15E-06	3.05E-08	3.05E-08	1.22E-08	5.34E-06	1.41E-09	1.51E-08	1.44E-09	ND	6.75E-06

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1B (cont.)	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.69E-03	1.15E-06	3.05E-08	3.05E-08	1.22E-08	5.34E-06	1.41E-09	1.51E-08	1.44E-09	ND	6.75E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.26E-02	1.50E-06	3.96E-08	3.96E-08	1.58E-08	6.93E-06	1.82E-09	1.96E-08	1.87E-09	ND	8.75E-06
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo[def]phenanthrene	ND	ND	ND	ND	ND	3.15E-04	1.10E-07	1.18E-06	1.14E-07	1.66E-03	2.40E-04
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	7.71E-02	2.83E-05	3.05E-04	2.90E-05	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	2.11E-02	7.38E-06	7.94E-05	7.55E-06	1.00E-01	ND
	SE	Selenium	2.48E-01	2.95E-05	7.81E-07	1.45E-06	1.45E-06	3.79E-02	9.94E-06	1.07E-04	1.02E-05	2.25E-01	3.21E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	7.88E-01	9.38E-05	2.48E-06	4.95E-06	4.95E-06	1.85E-01	6.46E-05	6.95E-04	6.61E-05	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	6.26E-02	7.45E-06	1.97E-07	3.93E-07	3.93E-07	1.96E-02	5.13E-06	5.53E-05	5.25E-06	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	5.86E-03	1.55E-04	3.88E-04	3.88E-04	4.82E+00	1.52E-03	1.63E-02	1.55E-03	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	4.83E-05	1.28E-06	2.56E-06	2.56E-06	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	3.04E-01	5.05E-05	6.87E-04	6.41E-05	9.55E+00	ND
	ZN	Zinc	2.66E+00	3.16E-04	8.37E-06	1.67E-05	1.67E-05	1.24E-01	2.08E-05	2.80E-04	2.66E-05	2.00E+00	5.00E-01
1C	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.49E-06	1.60E-05	1.52E-06	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.49E-06	1.60E-05	1.52E-06	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.20E-04	1.20E-06	1.30E-05	1.23E-06	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	7.01E-02	3.34E-04	8.84E-06	1.76E-05	1.76E-05	1.73E-02	2.30E-04	2.48E-03	2.36E-04	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	2.93E-01	1.40E-03	3.69E-05	7.41E-05	7.41E-05	7.23E-02	9.65E-04	1.04E-02	9.88E-04	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	7.08E-04	7.62E-03	4.53E-04	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.84E-01	1.48E-03	1.59E-02	9.06E-04	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	2.62E-04	2.82E-03	1.65E-04	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	1.28E-04	1.69E-06	1.82E-05	1.76E-06	6.40E-04	9.25E-05
	2MP	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	2.89E-07	3.11E-06	2.96E-07	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1C (cont.)	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol	ND	ND	ND	ND	ND	5.31E-05	7.08E-07	7.62E-06	7.25E-07	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4.26E-03	2.03E-05	5.37E-07	1.07E-06	1.07E-06	1.05E-03	1.40E-05	1.51E-04	1.43E-05	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	7.93E-03	3.78E-05	1.00E-06	1.99E-06	1.99E-06	1.95E-03	2.60E-05	2.80E-04	2.66E-05	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	7.55E-02	3.60E-04	9.52E-06	1.90E-05	1.90E-05	1.86E-02	2.48E-04	2.67E-03	2.54E-04	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	6.04E-04	2.88E-06	7.62E-08	1.52E-07	1.52E-07	1.49E-04	1.98E-06	2.13E-05	2.03E-06	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	8.69E-04	4.14E-06	1.09E-07	2.18E-07	2.18E-07	2.14E-04	2.85E-06	3.07E-05	2.92E-06	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	7.12E-04	3.39E-06	8.98E-08	1.79E-07	1.79E-07	1.75E-04	2.34E-06	2.52E-05	2.39E-06	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	7.39E-04	3.52E-06	9.32E-08	1.86E-07	1.86E-07	1.82E-04	2.43E-06	2.61E-05	2.48E-06	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	7.99E-02	3.80E-04	1.01E-05	2.01E-05	2.01E-05	1.97E-02	2.62E-04	2.82E-03	2.68E-04	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	7.18E-04	3.42E-06	9.04E-08	1.80E-07	1.80E-07	1.77E-04	2.35E-06	2.53E-05	2.41E-06	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	5.00E-01	2.38E-03	6.30E-05	1.26E-04	1.26E-04	1.23E-01	1.65E-03	1.77E-02	1.69E-03	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	2.96E-02	1.41E-04	3.73E-06	7.48E-06	7.48E-06	7.30E-03	9.74E-05	1.05E-03	9.97E-05	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-04	3.99E-06	1.06E-07	2.11E-07	2.11E-07	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane	1.02E-04	4.85E-07	1.28E-08	2.57E-08	2.57E-08	7.38E-05	5.90E-07	6.35E-06	6.04E-07	ND	ND
	AENSLF	Endosulfan I	1.20E-03	5.70E-06	1.51E-07	3.01E-07	3.01E-07	ND	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	1.10E-04	2.92E-06	5.81E-06	5.81E-06	2.61E-04	1.67E-06	2.25E-05	2.14E-06	2.01E-01	ND
	AL	Aluminum	ND	ND	ND	ND	ND	6.27E+00	6.27E-02	5.40E-01	6.41E-02	1.62E+01	4.21E+00
	ALDRN	Aldrin	1.00E-03	4.79E-06	9.74E-08	2.53E-07	2.53E-07	6.20E-04	4.96E-06	5.34E-05	2.54E-06	ND	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	1.64E-04	2.17E-06	2.33E-05	2.25E-06	8.20E-04	1.18E-04
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	1.74E-06	1.88E-05	1.81E-06	6.60E-04	9.54E-05
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene	ND	ND	ND	ND	ND	2.83E-03	3.75E-05	4.04E-04	3.90E-05	1.42E-02	2.05E-03
	AS	Arsenic	2.65E-01	1.26E-03	3.34E-05	6.68E-05	6.68E-05	3.60E-02	4.82E-04	5.18E-03	4.93E-04	5.17E-01	8.62E-02
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	7.89E-05	2.09E-06	4.17E-06	4.17E-06	6.25E-05	8.33E-07	8.97E-06	8.53E-07	2.40E-03	ND
	BA	Barium	9.84E-01	4.69E-03	1.24E-04	2.48E-04	2.48E-04	2.97E-01	3.97E-03	4.28E-02	4.05E-03	2.66E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.64E-04	2.17E-06	2.33E-05	2.25E-06	8.20E-04	1.18E-04

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1C (cont.)	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	4.79E-03	6.34E-05	6.83E-04	6.59E-05	1.20E-02	3.47E-03
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	1.24E-03	1.64E-05	1.76E-04	1.70E-05	6.20E-03	8.96E-04
	BBHC	beta-Hexachlorocyclohexane	2.30E-03	1.10E-05	2.90E-07	5.80E-07	5.80E-07	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	6.21E-02	2.96E-04	7.83E-06	1.57E-05	1.57E-05	2.34E-04	3.12E-06	3.36E-05	3.20E-06	9.00E-03	ND
	BE	Beryllium	4.93E-03	2.35E-05	6.21E-07	1.24E-06	1.24E-06	4.16E-04	5.55E-06	5.97E-05	5.68E-06	6.66E-02	ND
	BENSLF	Endosulfan II	8.37E-04	3.99E-06	1.06E-07	2.11E-07	2.11E-07	ND	ND	ND	ND	ND	ND
	BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	7.18E-04	9.51E-06	1.02E-04	9.88E-06	3.60E-03	5.20E-04
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	5.18E-04	6.87E-06	7.39E-05	7.14E-06	2.60E-03	3.76E-04
	BZALC	Benzyl alcohol	1.15E-02	5.47E-05	1.45E-06	2.89E-06	2.89E-06	6.81E-05	5.45E-07	2.35E-06	5.58E-07	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	6.62E-01	3.16E-03	8.35E-05	1.55E-04	1.55E-04	6.40E-03	8.50E-05	9.15E-04	8.70E-05	2.00E-01	3.00E-02
	CHRY	Chrysene	ND	ND	ND	ND	ND	1.28E-04	1.69E-06	1.82E-05	1.76E-06	6.40E-04	9.25E-05
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	1.74E-03	8.29E-06	2.19E-07	4.39E-07	4.39E-07	1.26E-03	1.01E-05	1.09E-04	1.03E-05	ND	ND
	CO	Cobalt	4.37E-03	2.08E-05	5.50E-07	1.10E-06	1.10E-06	5.66E-01	7.24E-03	7.79E-02	9.26E-03	2.56E-01	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	8.28E+00	3.94E-02	1.04E-03	2.09E-03	2.09E-03	3.32E-02	2.66E-04	2.86E-03	2.17E-04	2.00E-01	3.75E+01
	CU	Copper	1.60E-01	7.60E-04	2.01E-05	4.02E-05	4.02E-05	6.94E-02	5.55E-04	5.97E-03	4.55E-04	1.23E-01	1.47E-01
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	1.24E-03	1.64E-05	1.76E-04	1.70E-05	6.20E-03	8.96E-04
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-03	1.21E-05	3.20E-07	6.41E-07	6.41E-07	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	8.28E-03	3.94E-05	1.04E-06	2.09E-06	2.09E-06	3.12E-05	4.17E-07	4.48E-06	4.26E-07	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	1.15E-03	5.47E-06	1.11E-07	2.89E-07	2.89E-07	7.08E-04	5.67E-06	6.10E-05	2.90E-06	ND	1.60E-05
	DMP	Dimethyl phthalate	2.17E-03	1.04E-05	2.74E-07	5.48E-07	5.48E-07	8.20E-06	1.09E-07	1.18E-06	1.12E-07	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	4.49E-02	2.14E-04	5.65E-06	1.13E-05	1.13E-05	1.69E-04	2.26E-06	2.43E-05	2.31E-06	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	7.94E-03	3.78E-05	1.00E-06	2.00E-06	2.00E-06	2.99E-05	3.99E-07	4.30E-06	4.09E-07	ND	ND
	ENDRN	Endrin	2.22E-01	1.06E-03	2.80E-05	5.34E-05	5.34E-05	7.99E-05	6.39E-07	6.88E-06	6.54E-07	ND	ND
	ENDRNA	Endrin aldehyde	1.71E-02	8.14E-05	2.15E-06	4.11E-06	4.11E-06	6.15E-06	4.92E-08	5.29E-07	5.03E-08	ND	ND
	ENDRNK	Endrin ketone	1.71E-02	8.14E-05	2.15E-06	4.11E-06	4.11E-06	6.15E-06	4.92E-08	5.29E-07	5.03E-08	ND	ND
	ESFSO4	Endosulfan sulfate	5.98E-04	2.85E-06	7.54E-08	1.51E-07	1.51E-07	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1C (cont.)	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	1.28E-04	1.69E-06	1.82E-05	1.76E-06	6.40E-04	9.25E-05
	FE	Iron	2.71E+01	1.29E-01	3.41E-03	6.82E-03	6.82E-03	2.00E+01	2.66E-01	2.87E+00	2.72E-01	ND	1.47E+01
	FLRENE	Fluorene	ND	ND	ND	ND	ND	2.59E-04	3.44E-06	3.70E-05	3.57E-06	1.30E-03	1.88E-04
	GCLDAN	gamma-Chlordane	1.59E-03	9.77E-06	2.58E-07	5.17E-07	5.17E-07	7.38E-05	5.90E-07	6.35E-06	6.04E-07	ND	ND
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	7.18E-03	3.42E-05	9.04E-07	1.81E-06	1.81E-06	6.71E-04	6.81E-06	7.33E-05	6.97E-06	8.33E-02	2.50E-02
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	5.90E-05	6.35E-04	6.04E-05	ND	ND
	HPCL	Heptachlor	2.63E-03	1.25E-05	3.32E-07	6.63E-07	6.63E-07	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	1.55E-03	7.41E-06	1.96E-07	3.92E-07	3.92E-07	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	9.66E-03	1.27E-04	1.37E-03	1.31E-04	4.80E-02	6.94E-03
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-03	5.70E-06	1.51E-07	3.01E-07	3.01E-07	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.44E-04	3.07E-06	8.12E-08	1.62E-07	1.62E-07	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	4.83E-01	2.30E-03	6.09E-05	1.22E-04	1.22E-04	1.10E-01	1.47E-03	1.58E-02	1.50E-03	5.52E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	2.95E-03	3.91E-05	4.21E-04	4.06E-05	1.48E-02	2.14E-03
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	1.35E-04	1.45E-03	1.38E-04	ND	1.43E-02
	NI	Nickel	2.52E-01	1.20E-03	3.17E-05	6.34E-05	6.34E-05	8.58E-03	1.14E-04	1.23E-03	1.17E-04	4.08E-02	5.10E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	3.85E-08	4.14E-07	3.94E-08	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	6.03E-03	2.87E-05	7.60E-07	1.51E-06	1.51E-06	1.48E-03	1.98E-05	2.13E-04	2.02E-05	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	1.45E-03	6.92E-06	1.83E-07	3.65E-07	3.65E-07	3.58E-04	4.76E-06	5.13E-05	4.87E-06	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	8.56E-01	8.16E-04	1.08E-04	1.73E-04	1.73E-04	1.15E-01	1.53E-03	1.65E-02	1.57E-03	3.50E-02	2.85E-02
	PCB016	PCB 1016	1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB221	PCB 1221	1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB232	PCB 1232	1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB242	PCB 1242	1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB248	PCB 1248	1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB254	PCB 1254	8.59E-02	4.09E-04	1.08E-05	2.17E-05	2.17E-05	1.51E-03	1.54E-05	1.66E-04	1.45E-05	5.99E-04	9.98E-05
	PCB260	PCB 1260	8.59E-02	4.09E-04	1.08E-05	2.17E-05	2.17E-05	1.51E-03	1.54E-05	1.66E-04	1.45E-05	5.99E-04	9.98E-05
	PCB262	PCB 1262	1.13E+01	5.38E-02	1.42E-03	2.85E-03	2.85E-03	1.99E-01	2.03E-03	2.18E-02	1.90E-03	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1C (cont.)	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.28E-04	1.69E-06	1.82E-05	1.76E-06	6.40E-04	9.25E-05
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	1.53E-07	1.65E-06	1.57E-07	ND	8.67E-04
	PPDDD	ppDDD	9.69E-03	4.62E-05	1.22E-06	1.22E-06	4.88E-07	5.61E-06	5.62E-08	6.05E-07	5.76E-08	ND	6.75E-06
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.69E-03	4.62E-05	1.22E-06	1.22E-06	4.88E-07	5.61E-06	5.62E-08	6.05E-07	5.76E-08	ND	6.75E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.26E-02	5.98E-05	1.58E-06	1.58E-06	6.33E-07	7.27E-06	7.29E-08	7.85E-07	7.46E-08	ND	8.75E-06
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo[def]phenanthrene	ND	ND	ND	ND	ND	3.31E-04	4.39E-06	4.72E-05	4.56E-06	1.66E-03	2.40E-04
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	1.13E-03	1.22E-02	1.16E-03	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	2.21E-02	2.95E-04	3.18E-03	3.02E-04	1.00E-01	ND
	SE	Selenium	2.48E-01	1.18E-03	3.12E-05	5.80E-05	5.80E-05	3.98E-02	3.97E-04	4.28E-03	4.07E-04	2.25E-01	3.21E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	9.17E-01	4.37E-03	1.16E-04	2.31E-04	2.31E-04	2.26E-01	3.01E-03	3.24E-02	3.08E-03	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	5.29E-02	2.52E-04	6.66E-06	1.33E-05	1.33E-05	1.74E-02	1.74E-04	1.87E-03	1.78E-04	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	2.35E-01	6.20E-03	1.55E-02	1.55E-02	5.06E+00	6.07E-02	6.54E-01	6.22E-02	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	1.93E-03	5.11E-05	1.02E-04	1.02E-04	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	3.73E-01	2.36E-03	3.21E-02	2.99E-03	1.12E+01	ND
	ZN	Zinc	1.22E+00	5.82E-03	1.54E-04	3.08E-04	3.08E-04	5.99E-02	3.83E-04	5.16E-03	4.90E-04	9.20E-01	2.30E-01
21	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	3.54E-05	9.30E-09	1.00E-07	9.51E-09	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	3.54E-05	9.30E-09	1.00E-07	9.51E-09	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	2.87E-05	7.52E-09	8.10E-08	7.70E-09	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	5.58E-02	3.98E-06	1.05E-07	2.10E-07	2.10E-07	7.85E-03	2.74E-06	2.95E-05	2.81E-06	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	2.18E-01	1.56E-05	4.13E-07	8.29E-07	8.29E-07	3.08E-02	1.08E-05	1.16E-04	1.10E-05	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	2.11E-02	4.43E-06	4.76E-05	2.83E-06	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	4.39E-02	9.22E-06	9.92E-05	5.66E-06	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	7.81E-03	1.64E-06	1.76E-05	1.03E-06	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	3.04E-05	1.06E-08	1.14E-07	1.10E-08	6.40E-04	9.25E-05

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
21 (cont.)	2MP	o-Cresol	ND	ND	ND	ND	ND	5.16E-06	1.81E-09	1.95E-08	1.85E-09	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	1.26E-05	4.43E-09	4.76E-08	4.53E-09	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.71E-03	2.65E-07	7.01E-09	1.40E-08	1.40E-08	5.22E-04	1.83E-07	1.96E-06	1.87E-07	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	5.80E-03	4.15E-07	1.10E-08	2.19E-08	2.19E-08	8.17E-04	2.85E-07	3.07E-06	2.92E-07	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	5.04E-02	3.60E-06	9.52E-08	1.90E-07	1.90E-07	7.09E-03	2.48E-06	2.67E-05	2.54E-06	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	4.92E-04	3.52E-08	9.31E-10	1.86E-09	1.86E-09	6.93E-05	2.42E-08	2.61E-07	2.48E-08	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	6.52E-04	4.66E-08	1.23E-09	2.46E-09	2.46E-09	9.18E-05	3.21E-08	3.45E-07	3.28E-08	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4.77E-04	3.41E-08	9.01E-10	1.80E-09	1.80E-09	6.71E-05	2.35E-08	2.52E-07	2.40E-08	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	5.96E-04	4.26E-08	1.13E-09	2.25E-09	2.25E-09	8.39E-05	2.93E-08	3.16E-07	3.00E-08	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	5.37E-02	3.84E-06	1.02E-07	2.03E-07	2.03E-07	7.56E-03	2.64E-06	2.85E-05	2.71E-06	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	5.82E-04	4.16E-08	1.10E-09	2.19E-09	2.19E-09	8.20E-05	2.87E-08	3.08E-07	2.93E-08	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	4.89E-01	3.50E-05	9.25E-07	1.86E-06	1.86E-06	6.91E-02	2.42E-05	2.60E-04	2.47E-05	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	2.20E-02	1.57E-06	4.15E-08	8.33E-08	8.33E-08	3.10E-03	1.08E-06	1.17E-05	1.11E-06	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	3.49E-04	2.49E-08	6.59E-10	1.32E-09	1.32E-09	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane	4.24E-05	3.03E-09	8.02E-11	1.60E-10	1.60E-10	1.76E-05	3.69E-09	3.97E-08	3.78E-09	ND	ND
	AENSLF	Endosulfan I	4.98E-04	3.56E-08	9.42E-10	1.88E-09	1.88E-09	ND	ND	ND	ND	ND	ND
	AG	Silver	9.64E-03	6.89E-07	1.82E-08	3.63E-08	3.63E-08	6.22E-05	1.05E-08	1.41E-07	1.34E-08	2.01E-01	ND
	AL	Aluminum	ND	ND	ND	ND	ND	1.00E+00	2.63E-04	2.27E-03	2.69E-04	1.09E+01	2.83E+00
	ALDRN	Aldrin	4.19E-04	2.99E-08	6.09E-10	1.58E-09	1.58E-09	1.48E-04	3.10E-08	3.33E-07	1.59E-08	ND	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	3.89E-05	1.35E-08	1.46E-07	1.41E-08	8.20E-04	1.18E-04
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	3.13E-05	1.09E-08	1.17E-07	1.13E-08	6.60E-04	9.54E-05
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene	ND	ND	ND	ND	ND	6.74E-04	2.35E-07	2.52E-06	2.44E-07	1.42E-02	2.05E-03
	AS	Arsenic	9.85E-02	7.04E-06	1.86E-07	3.72E-07	3.72E-07	7.65E-03	2.68E-06	2.89E-05	2.75E-06	4.61E-01	7.68E-02
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
21 (cont.)	B2EHP	Bis(2-ethylhexyl) phthalate	6.90E-03	4.93E-07	1.30E-08	2.61E-08	2.61E-08	1.49E-05	5.21E-09	5.60E-08	5.33E-09	2.40E-03	ND
	BA	Barium	1.21E+00	8.68E-05	2.30E-06	4.59E-06	4.59E-06	2.10E-01	7.36E-05	7.92E-04	7.50E-05	7.88E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	3.89E-05	1.35E-08	1.46E-07	1.41E-08	8.20E-04	1.18E-04
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	1.14E-03	3.96E-07	4.27E-06	4.12E-07	1.20E-02	3.47E-03
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	2.94E-04	1.02E-07	1.10E-06	1.06E-07	6.20E-03	8.96E-04
	BBHC	beta-Hexachlorocyclohexane	9.59E-04	6.86E-08	1.81E-09	3.63E-09	3.63E-09	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	2.59E-02	1.85E-06	4.89E-08	9.78E-08	9.78E-08	5.58E-05	1.95E-08	2.10E-07	2.00E-08	9.00E-03	ND
	BE	Beryllium	6.58E-04	4.70E-08	1.24E-09	2.49E-09	2.49E-09	3.18E-05	1.11E-08	1.20E-07	1.14E-08	2.14E-02	ND
	BENSLF	Endosulfan II	3.49E-04	2.49E-08	6.59E-10	1.32E-09	1.32E-09	ND	ND	ND	ND	ND	ND
	BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	1.71E-04	5.95E-08	6.40E-07	6.18E-08	3.60E-03	5.20E-04
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.23E-04	4.29E-08	4.62E-07	4.46E-08	2.60E-03	3.76E-04
	BZALC	Benzyl alcohol	4.78E-03	3.42E-07	9.04E-09	1.81E-08	1.81E-08	1.62E-05	3.40E-09	1.47E-08	3.48E-09	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	9.20E+00	6.57E-04	1.74E-05	3.23E-05	3.23E-05	5.08E-02	1.77E-05	1.91E-04	1.81E-05	6.67E+00	1.00E+00
	CHRY	Chrysene	ND	ND	ND	ND	ND	3.04E-05	1.06E-08	1.14E-07	1.10E-08	6.40E-04	9.25E-05
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	7.25E-04	5.18E-08	1.37E-09	2.74E-09	2.74E-09	3.00E-04	6.31E-08	6.79E-07	6.46E-08	ND	ND
	CO	Cobalt	1.42E-03	1.01E-07	2.68E-09	5.36E-09	5.36E-09	1.05E-01	3.52E-05	3.79E-04	4.51E-05	1.99E-01	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	4.05E+00	2.89E-04	7.65E-06	1.53E-05	1.53E-05	9.28E-03	1.95E-06	2.10E-05	1.59E-06	2.35E-01	4.40E+01
	CU	Copper	2.35E+00	1.68E-04	4.44E-06	8.87E-06	8.87E-06	5.83E-01	1.22E-04	1.32E-03	1.00E-04	4.34E+00	5.18E+00
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	2.94E-04	1.02E-07	1.10E-06	1.06E-07	6.20E-03	8.96E-04
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	1.06E-03	7.57E-08	2.00E-09	4.00E-09	4.00E-09	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	3.45E-03	2.47E-07	6.52E-09	1.30E-08	1.30E-08	7.44E-06	2.60E-09	2.80E-08	2.66E-09	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	4.78E-04	3.42E-08	6.96E-10	1.81E-09	1.81E-09	1.69E-04	3.54E-08	3.81E-07	1.81E-08	ND	1.60E-05
	DMP	Dimethyl phthalate	9.06E-04	6.47E-08	1.71E-09	3.42E-09	3.42E-09	1.95E-06	6.83E-10	7.36E-09	6.99E-10	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	1.87E-02	1.34E-06	3.53E-08	7.07E-08	7.07E-08	4.03E-05	1.41E-08	1.52E-07	1.44E-08	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	3.31E-03	2.36E-07	6.25E-09	1.25E-08	1.25E-08	7.13E-06	2.50E-09	2.69E-08	2.55E-09	ND	ND
	ENDRN	Endrin	9.26E-02	6.61E-06	1.75E-07	3.34E-07	3.34E-07	1.90E-05	4.00E-09	4.30E-08	4.09E-09	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
21 (cont.)	ENDRNA	Endrin aldehyde	7.12E-03	5.09E-07	1.35E-08	2.57E-08	2.57E-08	1.46E-06	3.07E-10	3.31E-09	3.15E-10	ND	ND
	ENDRNK	Endrin ketone	7.12E-03	5.09E-07	1.35E-08	2.57E-08	2.57E-08	1.46E-06	3.07E-10	3.31E-09	3.15E-10	ND	ND
	ESFSO4	Endosulfan sulfate	2.49E-04	1.78E-08	4.71E-10	9.42E-10	9.42E-10	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	3.04E-05	1.06E-08	1.14E-07	1.10E-08	6.40E-04	9.25E-05
	FE	Iron	7.82E+00	5.59E-04	1.48E-05	2.96E-05	2.96E-05	3.30E+00	1.15E-03	1.24E-02	1.18E-03	ND	1.02E+01
	FLRENE	Fluorene	ND	ND	ND	ND	ND	6.17E-05	2.15E-08	2.31E-07	2.23E-08	1.30E-03	1.88E-04
	GCLDAN	gamma-Chlordane	6.65E-04	6.11E-08	1.62E-09	3.23E-09	3.23E-09	1.76E-05	3.69E-09	3.97E-08	3.78E-09	ND	ND
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	6.91E-03	4.94E-07	1.31E-08	2.61E-08	2.61E-08	3.69E-04	9.84E-08	1.06E-06	1.01E-07	1.93E-01	5.78E-02
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	1.05E-03	3.69E-07	3.97E-06	3.78E-07	ND	ND
	HPCL	Heptachlor	1.10E-03	7.84E-08	2.07E-09	4.15E-09	4.15E-09	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	6.48E-04	4.63E-08	1.22E-09	2.45E-09	2.45E-09	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	2.30E-03	7.96E-07	8.57E-06	8.16E-07	4.80E-02	6.94E-03
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	4.98E-04	3.56E-08	9.42E-10	1.88E-09	1.88E-09	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	2.68E-04	1.92E-08	5.07E-10	1.01E-09	1.01E-09	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	1.54E-01	1.10E-05	2.91E-07	5.82E-07	5.82E-07	2.00E-02	7.01E-06	7.54E-05	7.17E-06	4.22E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	7.03E-04	2.44E-07	2.63E-06	2.54E-07	1.48E-02	2.14E-03
	NB	Nitrobenzene	ND	ND	ND	ND	ND	3.16E-03	8.41E-07	9.05E-06	8.61E-07	ND	1.43E-02
	NI	Nickel	1.40E-01	9.99E-06	2.64E-07	5.28E-07	5.28E-07	2.72E-03	9.52E-07	1.03E-05	9.75E-07	5.44E-02	6.80E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	6.88E-07	2.41E-10	2.59E-09	2.46E-10	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	1.21E-02	8.62E-07	2.28E-08	4.55E-08	4.55E-08	1.70E-03	5.94E-07	6.39E-06	6.08E-07	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	1.67E-03	1.19E-07	3.15E-09	6.28E-09	6.28E-09	2.35E-04	8.20E-08	8.82E-07	8.39E-08	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	1.72E+01	2.46E-04	3.26E-05	5.22E-05	5.22E-05	1.33E+00	4.63E-04	4.98E-03	4.73E-04	1.69E+00	1.38E+00
	PCB016	PCB 1016	7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1.89E-07	1.25E-03	2.08E-04
	PCB221	PCB 1221	7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1.89E-07	1.25E-03	2.08E-04
	PCB232	PCB 1232	7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1.89E-07	1.25E-03	2.08E-04
	PCB242	PCB 1242	7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1.89E-07	1.25E-03	2.08E-04
	PCB248	PCB 1248	7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1.89E-07	1.25E-03	2.08E-04
	PCB254	PCB 1254	3.58E-02	2.56E-06	6.77E-08	1.35E-07	1.35E-07	3.61E-04	9.64E-08	1.04E-06	9.04E-08	5.99E-04	9.98E-05

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
21 (cont.)	PCB260	PCB 1260	3.58E-02	2.56E-06	6.77E-08	1.35E-07	1.35E-07	3.61E-04	9.64E-08	1.04E-06	9.04E-08	5.99E-04	9.98E-05
	PCB262	PCB 1262	4.71E+00	3.37E-04	8.90E-06	1.78E-05	1.78E-05	4.74E-02	1.27E-05	1.36E-04	1.19E-05	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	3.04E-05	1.06E-08	1.14E-07	1.10E-08	6.40E-04	9.25E-05
	PHENOL	Phenol	ND	ND	ND	ND	ND	2.74E-06	9.59E-10	1.03E-08	9.82E-10	ND	8.67E-04
	PPDDD	ppDDD	4.04E-03	2.88E-07	7.63E-09	7.63E-09	3.05E-09	1.34E-06	3.51E-10	3.78E-09	3.60E-10	ND	6.75E-06
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	4.04E-03	2.88E-07	7.63E-09	7.63E-09	3.05E-09	1.34E-06	3.51E-10	3.78E-09	3.60E-10	ND	6.75E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	5.23E-03	3.74E-07	9.89E-09	9.89E-09	3.96E-09	1.73E-06	4.56E-10	4.90E-09	4.66E-10	ND	8.75E-06
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo[def]phenanthrene	ND	ND	ND	ND	ND	7.88E-05	2.74E-08	2.95E-07	2.85E-08	1.66E-03	2.40E-04
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	1.93E-02	7.08E-06	7.62E-05	7.25E-06	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	2.59E-01	9.07E-05	9.77E-04	9.29E-05	4.92E+00	ND
	SE	Selenium	1.03E-01	7.38E-06	1.95E-07	3.63E-07	3.63E-07	9.46E-03	2.48E-06	2.67E-05	2.54E-06	2.25E-01	3.21E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	5.15E-01	3.68E-05	9.73E-07	1.94E-06	1.94E-06	7.25E-02	2.53E-05	2.73E-04	2.59E-05	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	4.16E-02	2.97E-06	7.86E-08	1.57E-07	1.57E-07	7.80E-03	2.05E-06	2.20E-05	2.10E-06	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	2.05E+01	1.47E-03	3.88E-05	9.69E-05	9.69E-05	1.21E+00	3.80E-04	4.08E-03	3.88E-04	1.72E+01	ND
	TXPHEN	Toxaphene	1.69E-01	1.21E-05	3.19E-07	6.39E-07	6.39E-07	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	5.25E-02	8.72E-06	1.19E-04	1.11E-05	6.60E+00	ND
	ZN	Zinc	5.45E+00	3.89E-04	1.03E-05	2.06E-05	2.06E-05	1.53E-01	2.56E-05	3.45E-04	3.28E-05	9.84E+00	2.46E+00
37	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	5.21E-08	5.60E-07	5.33E-08	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	5.21E-08	5.60E-07	5.33E-08	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.20E-04	4.21E-08	4.53E-07	4.31E-08	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1.56E-01	2.60E-05	6.88E-07	1.37E-06	1.37E-06	3.84E-02	1.79E-05	1.93E-04	1.83E-05	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	5.54E-01	9.23E-05	2.44E-06	4.90E-06	4.90E-06	1.37E-01	6.38E-05	6.87E-04	6.53E-05	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	2.48E-05	2.67E-04	1.59E-05	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.84E-01	5.16E-05	5.56E-04	3.17E-05	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	9.18E-06	9.88E-05	5.77E-06	1.00E-03	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
37 (cont.)	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	1.28E-04	5.92E-08	6.37E-07	6.15E-08	6.40E-04	9.25E-05
	2MP	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	1.01E-08	1.09E-07	1.04E-08	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol	ND	ND	ND	ND	ND	5.31E-05	2.48E-08	2.67E-07	2.54E-08	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5.34E-01	8.91E-05	2.36E-06	4.70E-06	4.70E-06	1.32E-01	6.13E-05	6.60E-04	6.28E-05	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.56E-02	2.60E-06	6.88E-08	1.37E-07	1.37E-07	3.84E-03	1.79E-06	1.93E-05	1.83E-06	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.35E-01	2.25E-05	5.95E-07	1.19E-06	1.19E-06	3.32E-02	1.55E-05	1.67E-04	1.59E-05	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.38E-03	2.30E-07	6.09E-09	1.21E-08	1.21E-08	3.40E-04	1.59E-07	1.71E-06	1.62E-07	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.76E-03	2.93E-07	7.76E-09	1.55E-08	1.55E-08	4.33E-04	2.02E-07	2.17E-06	2.07E-07	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	7.09E-03	1.18E-06	3.13E-08	6.24E-08	6.24E-08	1.75E-03	8.14E-07	8.76E-06	8.33E-07	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	1.67E-03	2.78E-07	7.35E-09	1.47E-08	1.47E-08	4.11E-04	1.91E-07	2.06E-06	1.96E-07	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.59E-01	2.65E-05	7.02E-07	1.40E-06	1.40E-06	3.92E-02	1.83E-05	1.97E-04	1.87E-05	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1.60E-03	2.66E-07	7.05E-09	1.40E-08	1.40E-08	3.93E-04	1.83E-07	1.97E-06	1.88E-07	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.01E+00	1.69E-04	4.46E-06	8.95E-06	8.95E-06	2.50E-01	1.16E-04	1.25E-03	1.19E-04	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	5.54E-02	9.23E-06	2.44E-07	4.90E-07	4.90E-07	1.37E-02	6.38E-06	6.87E-05	6.53E-06	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-04	1.40E-07	3.69E-09	7.39E-09	7.39E-09	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane	1.02E-04	1.70E-08	4.49E-10	8.98E-10	8.98E-10	7.38E-05	2.07E-08	2.22E-07	2.11E-08	ND	ND
	AENSLF	Endosulfan I	1.20E-03	1.99E-07	5.28E-09	1.06E-08	1.06E-08	ND	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	3.86E-06	1.02E-07	2.03E-07	2.03E-07	2.61E-04	5.85E-08	7.88E-07	7.49E-08	2.01E-01	ND
	AL	Aluminum	ND	ND	ND	ND	ND	2.60E+00	9.09E-04	7.83E-03	9.30E-04	6.70E+00	1.75E+00
	ALDRN	Aldrin	1.00E-03	1.68E-07	3.41E-09	8.86E-09	8.86E-09	6.20E-04	1.74E-07	1.87E-06	8.88E-08	ND	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	1.64E-04	7.58E-08	8.16E-07	7.88E-08	8.20E-04	1.18E-04
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	6.10E-08	6.57E-07	6.34E-08	6.60E-04	9.54E-05
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene	ND	ND	ND	ND	ND	2.83E-03	1.31E-06	1.41E-05	1.36E-06	1.42E-02	2.05E-03
	AS	Arsenic	1.94E-01	3.23E-05	8.55E-07	1.71E-06	1.71E-06	2.64E-02	1.23E-05	1.33E-04	1.26E-05	3.78E-01	6.30E-02
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
37 (cont.)	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	2.76E-06	7.31E-08	1.46E-07	1.46E-07	6.25E-05	2.92E-08	3.14E-07	2.98E-08	2.40E-03	ND
	BA	Barium	4.48E-01	7.46E-05	1.97E-06	3.95E-06	3.95E-06	1.35E-01	6.33E-05	6.81E-04	6.45E-05	1.21E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	9.57E-03	4.44E-06	4.78E-05	4.61E-06	4.80E-02	6.94E-03
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	4.79E-03	2.22E-06	2.39E-05	2.31E-06	1.20E-02	3.47E-03
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	1.83E-02	8.51E-06	9.16E-05	8.84E-06	9.20E-02	1.33E-02
	BBHC	beta-Hexachlorocyclohexane	2.30E-03	3.84E-07	1.02E-08	2.03E-08	2.03E-08	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	6.21E-02	1.04E-05	2.74E-07	5.48E-07	5.48E-07	2.34E-04	1.09E-07	1.18E-06	1.12E-07	9.00E-03	ND
	BE	Beryllium	1.58E-03	2.63E-07	6.97E-09	1.39E-08	1.39E-08	1.33E-04	6.23E-08	6.70E-07	6.37E-08	2.14E-02	ND
	BENSLF	Endosulfan II	1.01E-02	1.69E-06	4.47E-08	8.94E-08	8.94E-08	ND	ND	ND	ND	ND	ND
	BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	4.63E-03	2.15E-06	2.31E-05	2.23E-06	2.32E-02	3.35E-03
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	5.66E-03	2.63E-06	2.83E-05	2.73E-06	2.84E-02	4.10E-03
	BZALC	Benzyl alcohol	1.15E-02	1.91E-06	5.06E-08	1.01E-07	1.01E-07	6.81E-05	1.91E-08	8.21E-08	1.95E-08	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	6.62E-01	1.10E-04	2.92E-06	5.43E-06	5.43E-06	6.40E-03	2.97E-06	3.20E-05	3.04E-06	2.00E-01	3.00E-02
	CHRY	Chrysene	ND	ND	ND	ND	ND	1.12E-02	5.18E-06	5.57E-05	5.38E-06	5.60E-02	8.09E-03
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	1.74E-03	2.90E-07	7.68E-09	1.54E-08	1.54E-08	1.26E-03	3.53E-07	3.80E-06	3.61E-07	ND	ND
	CO	Cobalt	2.49E-03	4.16E-07	1.10E-08	2.20E-08	2.20E-08	3.23E-01	1.45E-04	1.56E-03	1.85E-04	1.46E-01	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	4.74E+00	7.91E-04	2.09E-05	4.18E-05	4.18E-05	1.90E-02	5.32E-06	5.73E-05	4.36E-06	1.15E-01	2.15E+01
	CU	Copper	1.19E-01	1.99E-05	5.25E-07	1.05E-06	1.05E-06	5.18E-02	1.45E-05	1.56E-04	1.19E-05	9.18E-02	1.10E-01
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	1.24E-03	5.73E-07	6.17E-06	5.96E-07	6.20E-03	8.96E-04
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-03	4.24E-07	1.12E-08	2.24E-08	2.24E-08	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	8.28E-03	1.38E-06	3.65E-08	7.31E-08	7.31E-08	3.12E-05	1.46E-08	1.57E-07	1.49E-08	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	2.83E-02	4.71E-06	9.59E-08	2.49E-07	2.49E-07	1.74E-02	4.88E-06	5.26E-05	2.50E-06	ND	3.94E-04
	DMP	Dimethyl phthalate	2.17E-03	3.62E-07	9.59E-09	1.92E-08	1.92E-08	8.20E-06	3.83E-09	4.12E-08	3.92E-09	3.15E-04	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
37 (cont.)	DNBP	Di-n-butyl phthalate	4.49E-02	7.48E-06	1.98E-07	3.96E-07	3.96E-07	1.69E-04	7.90E-08	8.50E-07	8.08E-08	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	7.94E-03	1.32E-06	3.50E-08	7.00E-08	7.00E-08	2.99E-05	1.40E-08	1.50E-07	1.43E-08	ND	ND
	ENDRN	Endrin	2.22E-01	3.70E-05	9.80E-07	1.87E-06	1.87E-06	7.99E-05	2.24E-08	2.41E-07	2.29E-08	ND	ND
	ENDRNA	Endrin aldehyde	1.71E-02	2.85E-06	7.54E-08	1.44E-07	1.44E-07	6.15E-06	1.72E-09	1.85E-08	1.76E-09	ND	ND
	ENDRNK	Endrin ketone	4.82E-02	8.03E-06	2.13E-07	4.06E-07	4.06E-07	1.73E-05	4.85E-09	5.22E-08	4.97E-09	ND	ND
	ESFSO4	Endosulfan sulfate	1.25E-03	2.08E-07	5.50E-09	1.10E-08	1.10E-08	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	1.52E-02	7.03E-06	7.56E-05	7.30E-06	7.60E-02	1.10E-02
	FE	Iron	1.50E+01	2.51E-03	6.63E-05	1.33E-04	1.33E-04	1.11E+01	5.18E-03	5.57E-02	5.29E-03	ND	8.17E+00
	FLRENE	Fluorene	ND	ND	ND	ND	ND	2.59E-04	1.20E-07	1.29E-06	1.25E-07	1.30E-03	1.88E-04
	GCLDAN	gamma-Chlordane	1.59E-03	3.42E-07	9.04E-09	1.81E-08	1.81E-08	7.38E-05	2.07E-08	2.22E-07	2.11E-08	ND	ND
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	7.18E-03	1.20E-06	3.17E-08	6.33E-08	6.33E-08	6.71E-04	2.38E-07	2.57E-06	2.44E-07	8.33E-02	2.50E-02
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	2.07E-06	2.22E-05	2.11E-06	ND	ND
	HPCL	Heptachlor	2.63E-03	4.39E-07	1.16E-08	2.32E-08	2.32E-08	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	1.55E-03	2.59E-07	6.86E-09	1.37E-08	1.37E-08	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	9.66E-03	4.46E-06	4.80E-05	4.57E-06	4.80E-02	6.94E-03
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-03	1.99E-07	5.28E-09	1.06E-08	1.06E-08	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.44E-04	1.07E-07	2.84E-09	5.68E-09	5.68E-09	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	2.43E-01	4.06E-05	1.07E-06	2.15E-06	2.15E-06	5.54E-02	2.58E-05	2.78E-04	2.64E-05	2.78E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	2.95E-03	1.37E-06	1.47E-05	1.42E-06	1.48E-02	2.14E-03
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	4.71E-06	5.07E-05	4.82E-06	ND	1.43E-02
	NI	Nickel	1.58E-01	2.64E-05	6.98E-07	1.40E-06	1.40E-06	5.40E-03	2.52E-06	2.71E-05	2.58E-06	2.57E-02	3.21E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	1.35E-09	1.45E-08	1.38E-09	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	2.64E-01	4.41E-05	1.17E-06	2.33E-06	2.33E-06	6.51E-02	3.04E-05	3.27E-04	3.11E-05	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	3.07E-03	5.12E-07	1.35E-08	2.70E-08	2.70E-08	7.56E-04	3.53E-07	3.79E-06	3.61E-07	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	4.01E-01	1.34E-05	1.77E-06	2.84E-06	2.84E-06	5.40E-02	2.51E-05	2.70E-04	2.57E-05	1.64E-02	1.34E-02
	PCB016	PCB 1016	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04
	PCB221	PCB 1221	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04
	PCB232	PCB 1232	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
37 (cont.)	PCB242	PCB 1242	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04
	PCB248	PCB 1248	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04
	PCB254	PCB 1254	8.59E-02	1.43E-05	3.79E-07	7.58E-07	7.58E-07	1.51E-03	5.40E-07	5.81E-06	5.06E-07	5.99E-04	9.98E-05
	PCB260	PCB 1260	8.59E-02	1.43E-05	3.79E-07	7.58E-07	7.58E-07	1.51E-03	5.40E-07	5.81E-06	5.06E-07	5.99E-04	9.98E-05
	PCB262	PCB 1262	1.13E+01	1.88E-03	4.99E-05	9.97E-05	9.97E-05	1.99E-01	7.10E-05	7.64E-04	6.66E-05	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.68E-02	7.77E-06	8.36E-05	8.07E-06	8.40E-02	1.21E-02
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	5.37E-09	5.78E-08	5.50E-09	ND	8.67E-04
	PPDDD	ppDDD	9.69E-03	1.62E-06	4.27E-08	4.27E-08	1.71E-08	5.61E-06	1.97E-09	2.12E-08	2.01E-09	ND	6.75E-06
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.69E-03	1.62E-06	4.27E-08	4.27E-08	1.71E-08	5.61E-06	1.97E-09	2.12E-08	2.01E-09	ND	6.75E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.26E-02	2.09E-06	5.54E-08	5.54E-08	2.22E-08	7.27E-06	2.55E-09	2.75E-08	2.61E-09	ND	8.75E-06
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo[def]phenanthrene	ND	ND	ND	ND	ND	2.15E-02	9.99E-06	1.08E-04	1.04E-05	1.08E-01	1.56E-02
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	3.97E-05	4.27E-04	4.06E-05	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	2.21E-02	1.03E-05	1.11E-04	1.06E-05	1.00E-01	ND
	SE	Selenium	2.48E-01	4.13E-05	1.09E-06	2.03E-06	2.03E-06	3.98E-02	1.39E-05	1.50E-04	1.42E-05	2.25E-01	3.21E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.54E+00	2.56E-04	6.77E-06	1.35E-05	1.35E-05	3.78E-01	1.76E-04	1.90E-03	1.80E-04	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	1.02E-01	1.70E-05	4.50E-07	8.97E-07	8.97E-07	3.35E-02	1.17E-05	1.26E-04	1.20E-05	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	8.21E-03	2.17E-04	5.43E-04	5.43E-04	5.06E+00	2.13E-03	2.29E-02	2.18E-03	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	6.76E-05	1.79E-06	3.58E-06	3.58E-06	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	1.85E-01	4.11E-05	5.59E-04	5.21E-05	5.55E+00	ND
	ZN	Zinc	1.09E+00	1.82E-04	4.82E-06	9.64E-06	9.64E-06	5.35E-02	1.20E-05	1.61E-04	1.53E-05	8.22E-01	2.06E-01
42	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	2.68E-06	2.88E-05	2.74E-06	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	2.68E-06	2.88E-05	2.74E-06	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.20E-04	2.17E-06	2.33E-05	2.22E-06	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	2.49E-01	2.13E-03	5.64E-05	1.13E-04	1.13E-04	6.13E-02	1.47E-03	1.58E-02	1.50E-03	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	6.21E-01	5.32E-03	1.41E-04	2.83E-04	2.83E-04	1.53E-01	3.68E-03	3.96E-02	3.77E-03	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	1.27E-03	1.37E-02	8.15E-04	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
42 (cont.)	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	6.14E-01	8.83E-03	9.51E-02	5.42E-03	4.16E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	4.72E-04	5.08E-03	2.97E-04	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	3.66E-04	8.73E-06	9.39E-05	9.07E-06	1.84E-03	2.65E-04
	2MP	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	5.21E-07	5.60E-06	5.33E-07	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol	ND	ND	ND	ND	ND	5.31E-05	1.27E-06	1.37E-05	1.30E-06	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	7.46E-02	6.40E-04	1.69E-05	3.37E-05	3.37E-05	1.84E-02	4.41E-04	4.74E-03	4.51E-04	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.50E-02	2.15E-04	5.68E-06	1.13E-05	1.13E-05	6.17E-03	1.48E-04	1.59E-03	1.51E-04	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.48E-01	1.27E-03	3.37E-05	6.71E-05	6.71E-05	3.66E-02	8.76E-04	9.43E-03	8.97E-04	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2.23E-03	1.91E-05	5.06E-07	1.01E-06	1.01E-06	5.49E-04	1.32E-05	1.42E-04	1.35E-05	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2.73E-03	2.34E-05	6.19E-07	1.24E-06	1.24E-06	6.73E-04	1.61E-05	1.74E-04	1.65E-05	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.45E-03	1.24E-05	3.29E-07	6.57E-07	6.57E-07	3.58E-04	8.57E-06	9.23E-05	8.77E-06	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	2.66E-03	2.28E-05	6.03E-07	1.20E-06	1.20E-06	6.55E-04	1.57E-05	1.69E-04	1.61E-05	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.65E-01	1.41E-03	3.73E-05	7.44E-05	7.44E-05	4.05E-02	9.72E-04	1.05E-02	9.95E-04	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2.53E-03	2.17E-05	5.73E-07	1.14E-06	1.14E-06	6.22E-04	1.49E-05	1.61E-04	1.53E-05	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	9.25E-01	7.93E-03	2.10E-04	4.21E-04	4.21E-04	2.28E-01	5.48E-03	5.90E-02	5.61E-03	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	6.21E-02	5.32E-04	1.41E-05	2.83E-05	2.83E-05	1.53E-02	3.68E-04	3.96E-03	3.77E-04	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-04	7.18E-06	1.90E-07	3.80E-07	3.80E-07	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane	1.02E-04	8.73E-07	2.31E-08	4.62E-08	4.62E-08	7.38E-05	1.06E-06	1.14E-05	1.09E-06	ND	ND
	AENSLF	Endosulfan I	1.20E-03	1.03E-05	2.71E-07	5.43E-07	5.43E-07	ND	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	1.98E-04	5.25E-06	1.05E-05	1.05E-05	2.61E-04	3.01E-06	4.05E-05	3.85E-06	2.01E-01	ND
	AL	Aluminum	ND	ND	ND	ND	ND	2.90E+00	5.22E-02	4.49E-01	5.34E-02	7.48E+00	1.95E+00
	ALDRN	Aldrin	1.00E-03	8.62E-06	1.75E-07	4.56E-07	4.56E-07	6.20E-04	8.92E-06	9.60E-05	4.57E-06	ND	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	1.64E-04	3.90E-06	4.20E-05	4.05E-06	8.20E-04	1.18E-04
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	3.14E-06	3.38E-05	3.26E-06	6.60E-04	9.54E-05
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
42 (cont.)	ANTRC	Anthracene	ND	ND	ND	ND	ND	2.83E-03	6.75E-05	7.27E-04	7.02E-05	1.42E-02	2.05E-03
	AS	Arsenic	1.15E+00	9.88E-03	2.61E-04	5.23E-04	5.23E-04	1.57E-01	3.77E-03	4.06E-02	3.86E-03	2.25E+00	3.75E-01
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	1.42E-04	3.76E-06	7.51E-06	7.51E-06	6.25E-05	1.50E-06	1.61E-05	1.53E-06	2.40E-03	ND
	BA	Barium	2.99E+00	2.56E-02	6.77E-04	1.35E-03	1.35E-03	9.02E-01	2.17E-02	2.34E-01	2.21E-02	8.07E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	6.17E-04	1.47E-05	1.58E-04	1.53E-05	3.09E-03	4.47E-04
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	4.79E-03	1.14E-04	1.23E-03	1.19E-04	1.20E-02	3.47E-03
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	1.24E-03	2.95E-05	3.17E-04	3.06E-05	6.20E-03	8.96E-04
	BBHC	beta-Hexachlorocyclohexane	2.30E-03	1.97E-05	5.22E-07	1.04E-06	1.04E-06	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	6.21E-02	5.33E-04	1.41E-05	2.82E-05	2.82E-05	2.34E-04	5.62E-06	6.05E-05	5.76E-06	9.00E-03	ND
	BE	Beryllium	4.08E-03	3.49E-05	9.24E-07	1.85E-06	1.85E-06	3.44E-04	8.26E-06	8.89E-05	8.45E-06	5.51E-02	ND
	BENSLF	Endosulfan II	1.01E-03	8.68E-06	2.30E-07	4.59E-07	4.59E-07	ND	ND	ND	ND	ND	ND
	BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	7.18E-04	1.71E-05	1.84E-04	1.78E-05	3.60E-03	5.20E-04
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	9.87E-04	2.35E-05	2.53E-04	2.45E-05	4.95E-03	7.15E-04
	BZALC	Benzyl alcohol	1.15E-02	9.85E-05	2.60E-06	5.21E-06	5.21E-06	6.81E-05	9.81E-07	4.22E-06	1.00E-06	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	7.39E+00	6.34E-02	1.68E-03	3.11E-03	3.11E-03	7.14E-02	1.71E-03	1.84E-02	1.75E-03	2.23E+00	3.35E-01
	CHRY	Chrysene	ND	ND	ND	ND	ND	1.11E-03	2.66E-05	2.86E-04	2.76E-05	5.58E-03	8.07E-04
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	1.74E-03	1.49E-05	3.95E-07	7.90E-07	7.90E-07	1.26E-03	1.82E-05	1.95E-04	1.86E-05	ND	ND
	CO	Cobalt	6.75E-03	5.79E-05	1.53E-06	3.06E-06	3.06E-06	8.75E-01	2.01E-02	2.17E-01	2.58E-02	3.95E-01	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	7.69E+00	6.59E-02	1.74E-03	3.49E-03	3.49E-03	3.08E-02	4.44E-04	4.78E-03	3.63E-04	1.86E-01	3.48E+01
	CU	Copper	1.31E+00	1.13E-02	2.98E-04	5.96E-04	5.96E-04	5.71E-01	8.22E-03	8.84E-02	6.74E-03	1.01E+00	1.21E+00
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	1.24E-03	2.95E-05	3.17E-04	3.06E-05	6.20E-03	8.96E-04
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-03	2.18E-05	5.77E-07	1.15E-06	1.15E-06	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	8.28E-03	7.10E-05	1.88E-06	3.76E-06	3.76E-06	3.12E-05	7.50E-07	8.07E-06	7.67E-07	1.20E-03	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
42 (cont.)	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	1.43E-03	1.22E-05	2.49E-07	6.48E-07	6.48E-07	8.80E-04	1.27E-05	1.36E-04	6.49E-06	ND	1.99E-05
	DMP	Dimethyl phthalate	2.17E-03	1.86E-05	4.93E-07	9.86E-07	9.86E-07	8.20E-06	1.97E-07	2.12E-06	2.01E-07	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	4.49E-02	3.85E-04	1.02E-05	2.03E-05	2.03E-05	1.69E-04	4.06E-06	4.37E-05	4.16E-06	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	7.94E-03	6.81E-05	1.80E-06	3.60E-06	3.60E-06	2.99E-05	7.19E-07	7.73E-06	7.35E-07	ND	ND
	ENDRN	Endrin	2.22E-01	1.90E-03	5.04E-05	9.62E-05	9.62E-05	7.99E-05	1.15E-06	1.24E-05	1.18E-06	ND	ND
	ENDRNA	Endrin aldehyde	1.71E-02	1.47E-04	3.88E-06	7.40E-06	7.40E-06	6.15E-06	8.85E-08	9.53E-07	9.06E-08	ND	ND
	ENDRNK	Endrin ketone	1.71E-02	1.47E-04	3.88E-06	7.40E-06	7.40E-06	6.15E-06	8.85E-08	9.53E-07	9.06E-08	ND	ND
	ESFSO4	Endosulfan sulfate	5.98E-04	5.13E-06	1.36E-07	2.71E-07	2.71E-07	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	6.34E-04	1.51E-05	1.63E-04	1.57E-05	3.18E-03	4.59E-04
	FE	Iron	1.20E+01	1.03E-01	2.72E-03	5.44E-03	5.44E-03	8.84E+00	2.12E-01	2.28E+00	2.17E-01	ND	6.51E+00
	FLRENE	Fluorene	ND	ND	ND	ND	ND	2.59E-04	6.18E-06	6.65E-05	6.42E-06	1.30E-03	1.88E-04
	GCLDAN	gamma-Chlordane	1.59E-03	1.76E-05	4.65E-07	9.30E-07	9.30E-07	7.38E-05	1.06E-06	1.14E-05	1.09E-06	ND	ND
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	2.66E-02	2.28E-04	6.04E-06	1.21E-05	1.21E-05	2.49E-03	4.55E-05	4.90E-04	4.66E-05	3.09E-01	9.28E-02
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	1.06E-04	1.14E-03	1.09E-04	ND	ND
	HPCL	Heptachlor	2.63E-03	2.26E-05	5.97E-07	1.19E-06	1.19E-06	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	1.55E-03	1.33E-05	3.53E-07	7.05E-07	7.05E-07	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	9.66E-03	2.29E-04	2.47E-03	2.35E-04	4.80E-02	6.94E-03
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-03	1.03E-05	2.71E-07	5.43E-07	5.43E-07	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.44E-04	5.52E-06	1.46E-07	2.92E-07	2.92E-07	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	3.17E-01	2.72E-03	7.18E-05	1.44E-04	1.44E-04	7.21E-02	1.73E-03	1.86E-02	1.77E-03	3.62E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	2.95E-03	7.04E-05	7.58E-04	7.31E-05	1.48E-02	2.14E-03
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	2.42E-04	2.61E-03	2.48E-04	ND	1.43E-02
	NI	Nickel	4.88E-01	4.19E-03	1.11E-04	2.22E-04	2.22E-04	1.66E-02	3.99E-04	4.30E-03	4.09E-04	7.92E-02	9.90E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	6.93E-08	7.46E-07	7.09E-08	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	5.04E-02	4.32E-04	1.14E-05	2.28E-05	2.28E-05	1.24E-02	2.98E-04	3.20E-03	3.05E-04	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	5.25E-03	4.50E-05	1.19E-06	2.37E-06	2.37E-06	1.29E-03	3.10E-05	3.34E-04	3.17E-05	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	2.91E+01	4.99E-02	6.60E-03	1.06E-02	1.06E-02	3.91E+00	9.37E-02	1.01E+00	9.59E-02	1.19E+00	9.70E-01
	PCB016	PCB 1016	1.79E-01	1.54E-03	4.07E-05	8.14E-05	8.14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2.08E-04

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
42 (cont.)	PCB221	PCB 1221	1.79E-01	1.54E-03	4.07E-05	8.14E-05	8.14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2.08E-04
	PCB232	PCB 1232	1.79E-01	1.54E-03	4.07E-05	8.14E-05	8.14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2.08E-04
	PCB242	PCB 1242	1.79E-01	1.54E-03	4.07E-05	8.14E-05	8.14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2.08E-04
	PCB248	PCB 1248	1.79E-01	1.54E-03	4.07E-05	8.14E-05	8.14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2.08E-04
	PCB254	PCB 1254	8.59E-02	7.37E-04	1.95E-05	3.90E-05	3.90E-05	1.51E-03	2.78E-05	2.99E-04	2.60E-05	5.99E-04	9.98E-05
	PCB260	PCB 1260	8.59E-02	7.37E-04	1.95E-05	3.90E-05	3.90E-05	1.51E-03	2.78E-05	2.99E-04	2.60E-05	5.99E-04	9.98E-05
	PCB262	PCB 1262	1.13E+01	9.69E-02	2.56E-03	5.13E-03	5.13E-03	1.99E-01	3.65E-03	3.93E-02	3.42E-03	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.47E-03	3.51E-05	3.78E-04	3.65E-05	7.38E-03	1.07E-03
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	2.76E-07	2.97E-06	2.83E-07	ND	8.67E-04
	PPDDD	ppDDD	9.69E-03	8.31E-05	2.20E-06	2.20E-06	8.79E-07	5.61E-06	1.01E-07	1.09E-06	1.04E-07	ND	6.75E-06
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	1.13E-02	9.66E-05	2.55E-06	2.55E-06	1.02E-06	6.52E-06	1.18E-07	1.27E-06	1.20E-07	ND	7.84E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2.79E-02	2.39E-04	6.33E-06	6.33E-06	2.53E-06	1.62E-05	2.92E-07	3.14E-06	2.99E-07	ND	1.95E-05
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo[def]phenanthrene	ND	ND	ND	ND	ND	1.99E-03	4.74E-05	5.10E-04	4.92E-05	9.96E-03	1.44E-03
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	2.04E-03	2.20E-02	2.09E-03	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	9.23E+00	2.21E-01	2.38E+00	2.27E-01	4.17E+01	ND
	SE	Selenium	5.34E-01	4.58E-03	1.21E-04	2.25E-04	2.25E-04	8.56E-02	1.54E-03	1.66E-02	1.58E-03	4.84E-01	6.91E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.10E+00	9.45E-03	2.50E-04	4.98E-04	4.98E-04	2.71E-01	6.51E-03	7.00E-02	6.66E-03	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	1.30E-01	1.11E-03	2.94E-05	5.86E-05	5.86E-05	4.25E-02	7.65E-04	8.23E-03	7.83E-04	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	4.22E-01	1.12E-02	2.79E-02	2.79E-02	5.06E+00	1.09E-01	1.18E+00	1.12E-01	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	3.48E-03	9.20E-05	1.84E-04	1.84E-04	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	2.15E-01	2.45E-03	3.33E-02	3.11E-03	6.44E+00	ND
	ZN	Zinc	2.31E+00	1.98E-02	5.24E-04	1.05E-03	1.05E-03	1.13E-01	1.30E-03	1.75E-02	1.67E-03	1.74E+00	4.34E-01
45	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	7.08E-03	1.77E-05	1.91E-04	1.81E-05	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	7.08E-03	1.77E-05	1.91E-04	1.81E-05	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	7.08E-03	1.77E-05	1.91E-04	1.81E-05	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1.97E+00	2.35E-03	6.22E-05	1.24E-04	1.24E-04	4.87E-01	1.62E-03	1.74E-02	1.66E-03	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1.61E+00	1.91E-03	5.06E-05	1.02E-04	1.02E-04	3.97E-01	1.32E-03	1.42E-02	1.35E-03	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	1.77E-04	1.91E-03	1.13E-04	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
45 (cont.)	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.84E-01	3.69E-04	3.97E-03	2.27E-04	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	6.56E-05	7.06E-04	4.12E-05	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	7.98E-03	2.64E-05	2.84E-04	2.75E-05	4.00E-02	5.78E-03
	2MP	o-Cresol	ND	ND	ND	ND	ND	1.11E-03	3.69E-06	3.97E-05	3.78E-06	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol	ND	ND	ND	ND	ND	2.21E-03	7.38E-06	7.94E-05	7.55E-06	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5.77E-02	6.88E-05	1.82E-06	3.63E-06	3.63E-06	1.42E-02	4.74E-05	5.10E-04	4.85E-05	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.22E-01	1.45E-04	3.84E-06	7.66E-06	7.66E-06	3.00E-02	1.00E-04	1.08E-03	1.02E-04	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	6.04E-01	7.20E-04	1.90E-05	3.80E-05	3.80E-05	1.49E-01	4.96E-04	5.34E-03	5.07E-04	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.72E-02	2.05E-05	5.42E-07	1.08E-06	1.08E-06	4.24E-03	1.41E-05	1.52E-04	1.45E-05	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.34E-02	1.59E-05	4.22E-07	8.41E-07	8.41E-07	3.30E-03	1.10E-05	1.18E-04	1.12E-05	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	5.83E-03	6.94E-06	1.84E-07	3.66E-07	3.66E-07	1.44E-03	4.78E-06	5.14E-05	4.89E-06	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	2.09E-02	2.49E-05	6.60E-07	1.32E-06	1.32E-06	5.16E-03	1.72E-05	1.85E-04	1.76E-05	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	6.64E-01	7.90E-04	2.09E-05	4.17E-05	4.17E-05	1.64E-01	5.44E-04	5.86E-03	5.57E-04	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2.05E-02	2.44E-05	6.44E-07	1.28E-06	1.28E-06	5.04E-03	1.68E-05	1.81E-04	1.72E-05	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.20E+00	1.43E-03	3.79E-05	7.60E-05	7.60E-05	2.97E-01	9.89E-04	1.06E-02	1.01E-03	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.59E-01	1.90E-04	5.02E-06	1.01E-05	1.01E-05	3.94E-02	1.31E-04	1.41E-03	1.34E-04	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-03	9.97E-06	2.64E-07	5.28E-07	5.28E-07	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane	5.44E-03	6.48E-06	1.72E-07	3.43E-07	3.43E-07	3.95E-03	7.89E-06	8.49E-05	8.07E-06	ND	ND
	AENSLF	Endosulfan I	1.20E-02	1.42E-05	3.77E-07	7.54E-07	7.54E-07	ND	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	2.76E-05	7.29E-07	1.45E-06	1.45E-06	2.61E-04	4.18E-07	5.63E-06	5.35E-07	2.01E-01	ND
	AL	Aluminum	ND	ND	ND	ND	ND	7.75E+00	1.94E-02	1.67E-01	1.98E-02	2.00E+01	5.21E+00
	ALDRN	Aldrin	1.00E-02	1.20E-05	2.44E-07	6.33E-07	6.33E-07	6.20E-03	1.24E-05	1.33E-04	6.34E-06	ND	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	7.98E-03	2.64E-05	2.84E-04	2.75E-05	4.00E-02	5.78E-03

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
45 (cont.)	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	7.98E-03	2.64E-05	2.84E-04	2.75E-05	4.00E-02	5.78E-03
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene	ND	ND	ND	ND	ND	1.60E-01	5.29E-04	5.69E-03	5.49E-04	8.00E-01	1.16E-01
	AS	Arsenic	1.70E+00	2.02E-03	5.35E-05	1.07E-04	1.07E-04	2.31E-01	7.71E-04	8.30E-03	7.89E-04	3.31E+00	5.52E-01
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	6.90E-01	8.22E-04	2.17E-05	4.35E-05	4.35E-05	2.60E-03	8.68E-06	9.34E-05	8.88E-06	1.00E-01	ND
	BA	Barium	1.06E+00	1.26E-03	3.33E-05	6.66E-05	6.66E-05	3.19E-01	1.07E-03	1.15E-02	1.09E-03	2.86E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	7.98E-03	2.64E-05	2.84E-04	2.75E-05	4.00E-02	5.78E-03
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	2.39E-01	7.93E-04	8.53E-03	8.24E-04	6.00E-01	1.73E-01
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	7.98E-02	2.64E-04	2.84E-03	2.75E-04	4.00E-01	5.78E-02
	BBHC	beta-Hexachlorocyclohexane	2.30E-02	2.74E-05	7.25E-07	1.45E-06	1.45E-06	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	3.11E+00	3.70E-03	9.78E-05	1.96E-04	1.96E-04	1.17E-02	3.91E-05	4.20E-04	4.00E-05	4.50E-01	ND
	BE	Beryllium	5.87E-03	7.00E-06	1.85E-07	3.70E-07	3.70E-07	4.96E-04	1.65E-06	1.78E-05	1.69E-06	7.94E-02	ND
	BENSLF	Endosulfan II	8.37E-03	9.97E-06	2.64E-07	5.28E-07	5.28E-07	ND	ND	ND	ND	ND	ND
	BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	3.59E-02	1.19E-04	1.28E-03	1.24E-04	1.80E-01	2.60E-02
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	2.39E-02	7.93E-05	8.53E-04	8.24E-05	1.20E-01	1.73E-02
	BZALC	Benzyl alcohol	7.18E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	4.26E-03	8.51E-06	3.66E-05	8.71E-06	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	5.32E+00	6.34E-03	1.68E-04	3.11E-04	3.11E-04	5.14E-02	1.71E-04	1.84E-03	1.75E-04	1.61E+00	2.41E-01
	CHRY	Chrysene	ND	ND	ND	ND	ND	4.58E-03	1.52E-05	1.63E-04	1.58E-05	2.30E-02	3.32E-03
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	6.81E-02	8.11E-05	2.15E-06	4.29E-06	4.29E-06	4.94E-02	9.87E-05	1.06E-03	1.01E-04	ND	ND
	CO	Cobalt	4.67E-03	5.56E-06	1.47E-07	2.94E-07	2.94E-07	6.05E-01	1.94E-03	2.08E-02	2.48E-03	2.73E-01	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	3.57E+01	4.25E-02	1.12E-03	2.25E-03	2.25E-03	1.43E-01	2.86E-04	3.08E-03	2.34E-04	8.61E-01	1.61E+02
	CU	Copper	1.19E+00	1.42E-03	3.75E-05	7.50E-05	7.50E-05	5.17E-01	1.03E-03	1.11E-02	8.48E-04	9.18E-01	1.09E+00
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	7.98E-02	2.64E-04	2.84E-03	2.75E-04	4.00E-01	5.78E-02
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-02	3.03E-05	8.01E-07	1.60E-06	1.60E-06	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
45 (cont.)	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	3.45E-01	4.11E-04	1.09E-05	2.17E-05	2.17E-05	1.30E-03	4.34E-06	4.67E-05	4.44E-06	5.00E-02	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	2.03E-01	2.42E-04	4.93E-06	1.28E-05	1.28E-05	1.26E-01	2.51E-04	2.70E-03	1.28E-04	ND	2.84E-03
	DMP	Dimethyl phthalate	1.04E-01	1.23E-04	3.26E-06	6.52E-06	6.52E-06	3.91E-04	1.30E-06	1.40E-05	1.33E-06	1.50E-02	ND
	DNBP	Di-n-butyl phthalate	2.07E+00	2.47E-03	6.52E-05	1.30E-04	1.30E-04	7.81E-03	2.60E-05	2.80E-04	2.66E-05	1.50E-01	ND
	DNOP	Di-n-octyl phthalate	3.45E-01	4.11E-04	1.09E-05	2.17E-05	2.17E-05	1.30E-03	4.34E-06	4.67E-05	4.44E-06	ND	ND
	ENDRN	Endrin	4.66E+00	5.55E-03	1.47E-04	2.80E-04	2.80E-04	1.68E-03	3.35E-06	3.61E-05	3.43E-06	ND	ND
	ENDRNA	Endrin aldehyde	3.40E-01	4.05E-04	1.07E-05	2.05E-05	2.05E-05	1.22E-04	2.45E-07	2.64E-06	2.51E-07	ND	ND
	ENDRNK	Endrin ketone	1.71E-01	2.04E-04	5.38E-06	1.03E-05	1.03E-05	6.15E-05	1.23E-07	1.32E-06	1.26E-07	ND	ND
	ESFSO4	Endosulfan sulfate	5.98E-03	7.12E-06	1.88E-07	3.77E-07	3.77E-07	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	4.53E-03	1.50E-05	1.62E-04	1.56E-05	2.27E-02	3.29E-03
	FE	Iron	3.19E+01	3.79E-02	1.00E-03	2.01E-03	2.01E-03	2.35E+01	7.84E-02	8.44E-01	8.00E-02	ND	1.73E+01
	FLRENE	Fluorene	ND	ND	ND	ND	ND	1.20E-02	3.96E-05	4.27E-04	4.12E-05	6.00E-02	8.67E-03
	GCLDAN	gamma-Chlordane	1.05E-01	1.61E-04	4.26E-06	8.51E-06	8.51E-06	4.86E-03	9.72E-06	1.05E-04	9.95E-06	ND	ND
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	4.41E-02	5.25E-05	1.39E-06	2.78E-06	2.78E-06	4.12E-03	1.05E-05	1.13E-04	1.07E-05	5.12E-01	1.54E-01
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	1.48E-05	1.59E-04	1.51E-05	ND	ND
	HPCL	Heptachlor	2.63E-02	3.13E-05	8.29E-07	1.66E-06	1.66E-06	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	1.55E-02	1.85E-05	4.90E-07	9.80E-07	9.80E-07	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	4.02E-01	1.33E-03	1.43E-02	1.36E-03	2.00E+00	2.89E-01
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-02	1.42E-05	3.77E-07	7.54E-07	7.54E-07	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.46E-03	7.69E-06	2.03E-07	4.07E-07	4.07E-07	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	6.48E-01	7.71E-04	2.04E-05	4.08E-05	4.08E-05	1.47E-01	4.91E-04	5.29E-03	5.03E-04	7.40E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	1.60E-01	5.29E-04	5.69E-03	5.49E-04	8.00E-01	1.16E-01
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	3.36E-05	3.62E-04	3.44E-05	ND	1.43E-02
	NI	Nickel	3.69E-01	4.40E-04	1.16E-05	2.33E-05	2.33E-05	1.26E-02	4.19E-05	4.51E-04	4.29E-05	5.99E-02	7.49E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	9.96E-05	3.32E-07	3.57E-06	3.40E-07	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	2.93E-01	3.49E-04	9.25E-06	1.84E-05	1.84E-05	7.23E-02	2.41E-04	2.59E-03	2.46E-04	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	4.10E-02	4.88E-05	1.29E-06	2.58E-06	2.58E-06	1.01E-02	3.36E-05	3.62E-04	3.44E-05	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
45 (cont.)	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	1.97E+01	4.70E-03	6.21E-04	9.96E-04	9.96E-04	2.65E+00	8.82E-03	9.49E-02	9.03E-03	8.07E-01	6.58E-01
	PCB016	PCB 1016	1.79E+00	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-02	8.05E-05	8.66E-04	7.55E-05	1.25E-02	2.08E-03
	PCB221	PCB 1221	1.79E+00	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-02	8.05E-05	8.66E-04	7.55E-05	1.25E-02	2.08E-03
	PCB232	PCB 1232	1.79E+00	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-02	8.05E-05	8.66E-04	7.55E-05	1.25E-02	2.08E-03
	PCB242	PCB 1242	1.79E+00	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-02	8.05E-05	8.66E-04	7.55E-05	1.25E-02	2.08E-03
	PCB248	PCB 1248	1.79E+00	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-02	8.05E-05	8.66E-04	7.55E-05	1.25E-02	2.08E-03
	PCB254	PCB 1254	8.61E-01	1.03E-03	2.71E-05	5.43E-05	5.43E-05	1.52E-02	3.86E-05	4.16E-04	3.62E-05	6.00E-03	1.00E-03
	PCB260	PCB 1260	8.61E-01	1.03E-03	2.71E-05	5.43E-05	5.43E-05	1.52E-02	3.86E-05	4.16E-04	3.62E-05	6.00E-03	1.00E-03
	PCB262	PCB 1262	5.38E+02	6.41E-01	1.70E-02	3.39E-02	3.39E-02	9.49E+00	2.41E-02	2.60E-01	2.27E-02	3.75E+00	6.25E-01
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	7.98E-03	2.64E-05	2.84E-04	2.75E-05	4.00E-02	5.78E-03
	PHENOL	Phenol	ND	ND	ND	ND	ND	6.64E-04	2.21E-06	2.38E-05	2.27E-06	ND	5.00E-02
	PPDDD	ppDDD	5.14E-01	6.13E-04	1.62E-05	1.62E-05	6.48E-06	2.98E-04	7.47E-07	8.03E-06	7.64E-07	ND	3.58E-04
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.69E-02	1.15E-04	3.05E-06	3.05E-06	1.22E-06	5.61E-05	1.41E-07	1.51E-06	1.44E-07	ND	6.75E-05
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	4.58E-01	5.46E-04	1.44E-05	1.44E-05	5.77E-06	2.65E-04	6.65E-07	7.16E-06	6.81E-07	ND	3.19E-04
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo[def]phenanthrene	ND	ND	ND	ND	ND	1.60E-02	5.29E-05	5.69E-04	5.49E-05	8.00E-02	1.16E-02
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	2.83E-04	3.05E-03	2.90E-04	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	6.82E-02	2.27E-04	2.45E-03	2.33E-04	3.08E-01	ND
	SE	Selenium	2.48E-01	2.95E-04	7.81E-06	1.45E-05	1.45E-05	3.98E-02	9.94E-05	1.07E-03	1.02E-04	2.25E-01	3.21E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2.67E+00	3.17E-03	8.40E-05	1.67E-04	1.67E-04	6.57E-01	2.19E-03	2.35E-02	2.24E-03	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.95E-01	3.51E-04	9.28E-06	1.85E-05	1.85E-05	9.67E-02	2.42E-04	2.60E-03	2.47E-04	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	5.86E-02	1.55E-03	3.88E-03	3.88E-03	5.06E+00	1.52E-02	1.63E-01	1.55E-02	1.72E+01	ND
	TXPHEN	Toxaphene	4.13E+00	4.91E-03	1.30E-04	2.60E-04	2.60E-04	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	3.72E-01	5.89E-04	8.02E-03	7.48E-04	1.11E+01	ND
	ZN	Zinc	9.65E+00	1.15E-02	3.04E-04	6.08E-04	6.08E-04	4.73E-01	7.56E-04	1.02E-02	9.67E-04	7.26E+00	1.81E+00

[a]No toxicity data.

Summary Statistics for Explosives in Biota

SWMU Number	Matrix	Analyte Code	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
10	Gumweed	246TNT	0	2	0.00	6000.00	7000.00	6500.00	707.11	9657.20	7000.00	7
	Gumweed	RDX	1	2	50.00	3950.00	140000.00	71975.00	96201.88	501512.06	140000.00	140
	Rabbitbrush	246TNT	1	2	50.00	2600.00	18000.00	10300.00	10889.44	58920.88	18000.00	18
	Rabbitbrush	RDX	2	2	100.00	58000.00	940000.00	499000.00	623668.18	3283650.40	940000.00	940
11	Gumweed	246TNT	0	1	0.00	7000.00	7000.00	7000.00	0.00	0.00	7000.00	7
	Gumweed	RDX	0	1	0.00	3950.00	3950.00	3950.00	0.00	0.00	3950.00	3.95
	Rabbitbrush	246TNT	0	1	0.00	2600.00	2600.00	2600.00	0.00	0.00	2600.00	2.6
	Rabbitbrush	RDX	0	1	0.00	6500.00	6500.00	6500.00	0.00	0.00	6500.00	6.5
12	Rabbitbrush	246TNT	0	1	0.00	2600.00	2600.00	2600.00	0.00	0.00	2600.00	2.6
	Rabbitbrush	RDX	0	1	0.00	6500.00	6500.00	6500.00	0.00	0.00	6500.00	6.5
	Sweetclover	246TNT	1	1	100.00	270.00	270.00	270.00	0.00	0.00	270.00	0.27
	Sweetclover	RDX	0	1	0.00	200.00	200.00	200.00	0.00	0.00	200.00	0.2
15	Gumweed	246TNT	0	1	0.00	7000.00	7000.00	7000.00	0.00	0.00	7000.00	7
	Gumweed	RDX	0	1	0.00	3950.00	3950.00	3950.00	0.00	0.00	3950.00	3.95
	Rabbitbrush	246TNT	2	3	66.67	2400.00	7800.00	5500.00	2787.47	10199.30	7800.00	7.8
	Rabbitbrush	RDX	0	3	0.00	6000.00	6500.00	6166.67	288.68	6653.33	6500.00	6.5
	Sweetclover	246TNT	0	2	0.00	110.00	110.00	110.00	0.00	0.00	110.00	0.11
	Sweetclover	RDX	0	2	0.00	200.00	200.00	200.00	0.00	0.00	200.00	0.2
21	Gumweed	246TNT	0	2	0.00	7000.00	7000.00	7000.00	0.00	0.00	7000.00	7
	Gumweed	RDX	0	2	0.00	3950.00	3950.00	3950.00	0.00	0.00	3950.00	3.95
	Rabbitbrush	246TNT	1	2	50.00	2850.00	11000.00	6925.00	5762.92	32656.18	11000.00	11
	Rabbitbrush	RDX	0	2	0.00	6000.00	7000.00	6500.00	707.11	9657.20	7000.00	7
37	Ambrosia	246TNT	0	1	0.00	7000.00	7000.00	7000.00	0.00	0.00	7000.00	7
	Ambrosia	RDX	0	1	0.00	3950.00	3950.00	3950.00	0.00	0.00	3950.00	3.95
	Rabbitbrush	246TNT	0	2	0.00	2600.00	2600.00	2600.00	0.00	0.00	2600.00	2.6
	Rabbitbrush	RDX	0	2	0.00	6500.00	6500.00	6500.00	0.00	0.00	6500.00	6.5
	Sweetclover	246TNT	0	2	0.00	110.00	110.00	110.00	0.00	0.00	110.00	0.11
	Sweetclover	RDX	0	2	0.00	200.00	200.00	200.00	0.00	0.00	200.00	0.2
42	Gumweed	246TNT	0	1	0.00	6000.00	6000.00	6000.00	0.00	0.00	6000.00	6
	Gumweed	RDX	0	1	0.00	3600.00	3600.00	3600.00	0.00	0.00	3600.00	3.6
	Rabbitbrush	246TNT	0	9	0.00	2600.00	2850.00	2822.22	83.33	2873.89	2850.00	2.85
	Rabbitbrush	RDX	0	9	0.00	6500.00	7000.00	6944.44	166.67	7047.78	7000.00	7
	Sweetclover	246TNT	0	8	0.00	105.00	110.00	109.38	1.77	110.56	110.00	0.11
	Sweetclover	RDX	0	8	0.00	195.00	205.00	201.88	3.72	204.37	205.00	0.205
45	Gumweed	246TNT	0	3	0.00	7000.00	7000.00	7000.00	0.00	0.00	7000.00	7
	Gumweed	RDX	0	3	0.00	3950.00	3950.00	3950.00	0.00	0.00	3950.00	3.95
	Rabbitbrush	246TNT	0	5	0.00	2400.00	2850.00	2660.00	191.70	2842.78	2850.00	2.85
	Rabbitbrush	RDX	0	5	0.00	6000.00	7000.00	6600.00	418.33	6998.86	7000.00	7
	Sweetclover	246TNT	1	3	33.33	110.00	2500.00	906.67	1379.87	3232.93	2500.00	2.5
	Sweetclover	RDX	2	3	66.67	200.00	5900.00	3300.00	2882.71	8159.85	5900.00	5.9

Summary Statistics for Explosives in Biota (continued)

SWMU Number	Matrix	Analyte Code	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
1B	Gumweed	246TNT	0	2	0.00	7000.00	7000.00	7000.00	0.00	0.00	7000.00	7
	Gumweed	RDX	0	2	0.00	3950.00	3950.00	3950.00	0.00	0.00	3950.00	3.95
	Rabbitbrush	246TNT	0	2	0.00	2600.00	2850.00	2725.00	176.78	3514.30	2850.00	2.85
	Rabbitbrush	RDX	0	2	0.00	6500.00	7000.00	6750.00	353.55	8328.60	7000.00	7
1C	Gumweed	246TNT	0	2	0.00	6000.00	7000.00	6500.00	707.11	9657.20	7000.00	7
	Gumweed	RDX	0	2	0.00	3600.00	3950.00	3775.00	247.49	4880.02	3950.00	3.95
	Rabbitbrush	246TNT	0	2	0.00	2850.00	2850.00	2850.00	0.00	0.00	2850.00	2.85
	Rabbitbrush	RDX	0	2	0.00	7000.00	7000.00	7000.00	0.00	0.00	7000.00	7
RSA	Gumweed	246TNT	0	7	0.00	7000.00	7000.00	7000.00	0.00	0.00	7000.00	7
	Gumweed	RDX	0	7	0.00	3950.00	3950.00	3950.00	0.00	0.00	3950.00	3.95
	Rabbitbrush	246TNT	5	15	33.33	2600.00	30000.00	7680.00	8517.75	11552.92	11552.92	11.552921
	Rabbitbrush	RDX	0	15	0.00	6000.00	7000.00	6700.00	316.23	6843.79	7000.00	7
	Sweetclover	246TNT	1	15	6.67	105.00	270.00	120.33	41.42	139.17	139.17	0.13916836
	Sweetclover	RDX	2	15	13.33	195.00	1700.00	316.00	386.99	491.96	491.96	0.491962
10[a]	*Beetle*	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Beetle	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Grasshopper	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Grasshopper	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Jackrabbit	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
	Jackrabbit	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
11	*Beetle*	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Beetle	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Grasshopper	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Grasshopper	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Jackrabbit	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
	Jackrabbit	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
12	*Beetle*	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Beetle	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Grasshopper	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Grasshopper	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Jackrabbit	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
	Jackrabbit	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
15	*Beetle*	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Beetle	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Grasshopper	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Grasshopper	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Jackrabbit	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
	Jackrabbit	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
21	*Beetle*	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Beetle	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Grasshopper	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*

Summary Statistics for Explosives in Biota (continued)

SWMU Number	Matrix	Analyte Code	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
21 (cont.)	*Grasshopper*	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Jackrabbit	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
	Jackrabbit	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
37	*Beetle*	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Beetle	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Grasshopper	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Grasshopper	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Jackrabbit	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
	Jackrabbit	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
42	*Beetle*	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Beetle	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Grasshopper	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Grasshopper	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Jackrabbit	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
	Jackrabbit	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
45	*Beetle*	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Beetle	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Grasshopper	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Grasshopper	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Jackrabbit	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
	Jackrabbit	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
1B	*Beetle*	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Beetle	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Grasshopper	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Grasshopper	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Jackrabbit	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
	Jackrabbit	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
1C	*Beetle*	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Beetle	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Grasshopper	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Grasshopper	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Jackrabbit	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
	Jackrabbit	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
RSA	*Beetle*	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Beetle	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Grasshopper	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*18.80*	*0.0188*
	Grasshopper	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40*	*0.0064*
	Jackrabbit	*246TNT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*
	Jackrabbit	*RDX*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00*	*0*

[a]Italics = Cterm value represents modeled or calculated data, or 1/2 the method detection limit.

Final Hazard Quotients for Explosives in Biota

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10	Gumweed	246TNT	ND[a]	ND	ND	ND	ND	2.60E+01	2.45E-02	2.66E-01	1.13E-02	3.33E+00	ND
	Gumweed	RDX	ND	ND	ND	ND	ND	7.44E+02	1.23E+00	1.33E+01	9.06E-01	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	6.70E+01	6.30E-02	6.85E-01	2.91E-02	8.57E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	5.00E+03	8.23E+00	8.94E+01	6.08E+00	ND	ND
11	Gumweed	246TNT	ND	ND	ND	ND	ND	2.60E+01	3.68E-02	4.00E-01	1.70E-02	3.33E+00	ND
	Gumweed	RDX	ND	ND	ND	ND	ND	2.10E+01	5.18E-02	5.64E-01	3.83E-02	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	9.67E+00	1.37E-02	1.48E-01	6.31E-03	1.24E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	3.45E+01	8.53E-02	9.28E-01	6.31E-02	ND	ND
12	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	9.67E+00	6.83E-02	7.42E-01	3.15E-02	1.24E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	3.45E+01	4.27E-01	4.64E+00	3.15E-01	ND	ND
	Sweetclover	246TNT	ND	ND	ND	ND	ND	1.00E+00	7.09E-03	7.71E-02	3.28E-03	1.29E-01	ND
	Sweetclover	RDX	ND	ND	ND	ND	ND	1.06E+00	1.31E-02	1.43E-01	9.71E-03	ND	ND
15	Gumweed	246TNT	ND	ND	ND	ND	ND	2.60E+01	6.13E-01	6.66E+00	2.83E-01	3.33E+00	ND
	Gumweed	RDX	ND	ND	ND	ND	ND	2.10E+01	8.64E-01	9.40E+00	6.39E-01	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	2.90E+01	6.83E-01	7.42E+00	3.15E-01	3.71E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	3.45E+01	1.42E+00	1.55E+01	1.05E+00	ND	ND
	Sweetclover	246TNT	ND	ND	ND	ND	ND	4.09E-01	9.63E-03	1.05E-01	4.45E-03	5.24E-02	ND
	Sweetclover	RDX	ND	ND	ND	ND	ND	1.06E+00	4.38E-02	4.76E-01	3.24E-02	ND	ND
21	Gumweed	246TNT	ND	ND	ND	ND	ND	6.20E+00	1.53E-03	1.67E-02	7.08E-04	3.33E+00	ND
	Gumweed	RDX	ND	ND	ND	ND	ND	5.00E+00	2.16E-03	2.35E-02	1.60E-03	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	9.74E+00	2.41E-03	2.62E-02	1.11E-03	5.24E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	8.86E+00	3.83E-03	4.16E-02	2.83E-03	ND	ND
37	Ambrosia	246TNT	ND	ND	ND	ND	ND	2.60E+01	8.58E-03	9.32E-02	3.96E-03	3.33E+00	ND
	Ambrosia	RDX	ND	ND	ND	ND	ND	2.10E+01	1.21E-02	1.32E-01	8.95E-03	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	9.67E+00	3.19E-03	3.46E-02	1.47E-03	1.24E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	3.45E+01	1.99E-02	2.16E-01	1.47E-02	ND	ND
	Sweetclover	246TNT	ND	ND	ND	ND	ND	4.09E-01	1.35E-04	1.47E-03	6.23E-05	5.24E-02	ND
	Sweetclover	RDX	ND	ND	ND	ND	ND	1.06E+00	6.13E-04	6.66E-03	4.53E-04	ND	ND
42	Gumweed	246TNT	ND	ND	ND	ND	ND	2.23E+01	3.78E-01	4.11E+00	1.75E-01	2.86E+00	ND
	Gumweed	RDX	ND	ND	ND	ND	ND	1.91E+01	5.67E-01	6.17E+00	4.19E-01	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	1.06E+01	1.80E-01	1.95E+00	8.30E-02	1.36E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	3.72E+01	1.10E+00	1.20E+01	8.15E-01	ND	ND
	Sweetclover	246TNT	ND	ND	ND	ND	ND	4.09E-01	6.93E-03	7.54E-02	3.20E-03	5.24E-02	ND
	Sweetclover	RDX	ND	ND	ND	ND	ND	1.09E+00	3.23E-02	3.51E-01	2.39E-02	ND	ND
45	Gumweed	246TNT	ND	ND	ND	ND	ND	2.60E+01	6.13E-02	6.66E-01	2.83E-02	3.33E+00	ND
	Gumweed	RDX	ND	ND	ND	ND	ND	2.10E+01	8.64E-02	9.40E-01	6.39E-02	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	1.06E+01	2.49E-02	2.71E-01	1.15E-02	1.36E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	3.72E+01	1.53E-01	1.67E+00	1.13E-01	ND	ND
	Sweetclover	246TNT	ND	ND	ND	ND	ND	9.30E+00	2.19E-02	2.38E-01	1.01E-02	1.19E+00	ND
	Sweetclover	RDX	ND	ND	ND	ND	ND	3.14E+01	1.29E-01	1.40E+00	9.55E-02	ND	ND
1B	Gumweed	246TNT	ND	ND	ND	ND	ND	2.48E+01	6.13E-03	6.66E-02	2.83E-03	3.33E+00	ND
	Gumweed	RDX	ND	ND	ND	ND	ND	2.00E+01	8.64E-03	9.40E-02	6.39E-03	ND	ND

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Final Hazard Quotients for Explosives in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1B (cont.)	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	1.01E+01	2.49E-03	2.71E-02	1.15E-03	1.36E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	3.54E+01	1.53E-02	1.67E-01	1.13E-02	ND	ND
1C	Gumweed	246TNT	ND	ND	ND	ND	ND	2.60E+01	2.45E-01	2.66E+00	1.13E-01	3.33E+00	ND
	Gumweed	RDX	ND	ND	ND	ND	ND	2.10E+01	3.46E-01	3.76E+00	2.56E-01	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	1.06E+01	9.98E-02	1.08E+00	4.61E-02	1.36E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	3.72E+01	6.13E-01	6.66E+00	4.53E-01	ND	ND
RSA	Gumweed	246TNT	ND	ND	ND	ND	ND	2.60E+01	2.45E+00	6.86E+00	1.38E+01	3.33E+00	ND
	Gumweed	RDX	ND	ND	ND	ND	ND	2.10E+01	3.46E+00	9.68E+00	3.12E+01	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	4.30E+01	4.04E+00	1.13E+01	2.28E+01	5.50E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	3.72E+01	6.13E+00	1.72E+01	5.53E+01	ND	ND
	Sweetclover	246TNT	ND	ND	ND	ND	ND	5.18E-01	4.87E-02	1.36E-01	2.75E-01	6.63E-02	ND
	Sweetclover	RDX	ND	ND	ND	ND	ND	2.61E+00	4.30E-01	1.21E+00	3.89E+00	ND	ND
10[b]	*Beetle*	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*6.58E-05*	*7.15E-04*	*3.04E-05*	*8.95E-03*	*ND*
	Beetle	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*5.60E-05*	*6.09E-04*	*4.14E-05*	*ND*	*ND*
	Grasshopper	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*6.58E-05*	*7.15E-04*	*3.04E-05*	*8.95E-03*	*ND*
	Grasshopper	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*5.60E-05*	*6.09E-04*	*4.14E-05*	*ND*	*ND*
	Jackrabbit	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*
	Jackrabbit	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*	*ND*
11	*Beetle*	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*9.87E-05*	*1.07E-03*	*4.56E-05*	*8.95E-03*	*ND*
	Beetle	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*8.40E-05*	*9.13E-04*	*6.21E-05*	*ND*	*ND*
	Grasshopper	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*9.87E-05*	*1.07E-03*	*4.56E-05*	*8.95E-03*	*ND*
	Grasshopper	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*8.40E-05*	*9.13E-04*	*6.21E-05*	*ND*	*ND*
	Jackrabbit	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*
	Jackrabbit	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*	*ND*
12	*Beetle*	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*4.94E-04*	*5.37E-03*	*2.28E-04*	*8.95E-03*	*ND*
	Beetle	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*4.20E-04*	*4.57E-03*	*3.11E-04*	*ND*	*ND*
	Grasshopper	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*4.94E-04*	*5.37E-03*	*2.28E-04*	*8.95E-03*	*ND*
	Grasshopper	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*4.20E-04*	*4.57E-03*	*3.11E-04*	*ND*	*ND*
	Jackrabbit	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*
	Jackrabbit	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*	*ND*
15	*Beetle*	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*1.65E-03*	*1.79E-02*	*7.60E-04*	*8.95E-03*	*ND*
	Beetle	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*1.40E-03*	*1.52E-02*	*1.04E-03*	*ND*	*ND*
	Grasshopper	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*1.65E-03*	*1.79E-02*	*7.60E-04*	*8.95E-03*	*ND*
	Grasshopper	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*1.40E-03*	*1.52E-02*	*1.04E-03*	*ND*	*ND*
	Jackrabbit	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*
	Jackrabbit	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*	*ND*
21	*Beetle*	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.67E-02*	*4.11E-06*	*4.47E-05*	*1.90E-06*	*8.95E-03*	*ND*
	Beetle	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*8.10E-03*	*3.50E-06*	*3.81E-05*	*2.59E-06*	*ND*	*ND*
	Grasshopper	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.67E-02*	*4.11E-06*	*4.47E-05*	*1.90E-06*	*8.95E-03*	*ND*
	Grasshopper	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*8.10E-03*	*3.50E-06*	*3.81E-05*	*2.59E-06*	*ND*	*ND*
	Jackrabbit	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*
	Jackrabbit	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*	*ND*

Final Hazard Quotients for Explosives in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
37	*Beetle*	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*2.30E-05*	*2.50E-04*	*1.06E-05*	*8.95E-03*	*ND*
	Beetle	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*1.96E-05*	*2.13E-04*	*1.45E-05*	*ND*	*ND*
	Grasshopper	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*2.30E-05*	*2.50E-04*	*1.06E-05*	*8.95E-03*	*ND*
	Grasshopper	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*1.96E-05*	*2.13E-04*	*1.45E-05*	*ND*	*ND*
	Jackrabbit	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*
	Jackrabbit	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*	*ND*
42	*Beetle*	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*1.18E-03*	*1.29E-02*	*5.47E-04*	*8.95E-03*	*ND*
	Beetle	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*1.01E-03*	*1.10E-02*	*7.46E-04*	*ND*	*ND*
	Grasshopper	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*1.18E-03*	*1.29E-02*	*5.47E-04*	*8.95E-03*	*ND*
	Grasshopper	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*1.01E-03*	*1.10E-02*	*7.46E-04*	*ND*	*ND*
	Jackrabbit	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*
	Jackrabbit	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*	*ND*
45	*Beetle*	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*1.65E-04*	*1.79E-03*	*7.60E-05*	*8.95E-03*	*ND*
	Beetle	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*1.40E-04*	*1.52E-03*	*1.04E-04*	*ND*	*ND*
	Grasshopper	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*1.65E-04*	*1.79E-03*	*7.60E-05*	*8.95E-03*	*ND*
	Grasshopper	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*1.40E-04*	*1.52E-03*	*1.04E-04*	*ND*	*ND*
	Jackrabbit	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*
	Jackrabbit	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*	*ND*
1B	*Beetle*	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.66E-02*	*1.65E-05*	*1.79E-04*	*7.60E-06*	*8.95E-03*	*ND*
	Beetle	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.24E-02*	*1.40E-05*	*1.52E-04*	*1.04E-05*	*ND*	*ND*
	Grasshopper	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.66E-02*	*1.65E-05*	*1.79E-04*	*7.60E-06*	*8.95E-03*	*ND*
	Grasshopper	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.24E-02*	*1.40E-05*	*1.52E-04*	*1.04E-05*	*ND*	*ND*
	Jackrabbit	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*
	Jackrabbit	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*	*ND*
1C	*Beetle*	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*6.58E-04*	*7.15E-03*	*3.04E-04*	*8.95E-03*	*ND*
	Beetle	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*5.60E-04*	*6.09E-03*	*4.14E-04*	*ND*	*ND*
	Grasshopper	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*6.58E-04*	*7.15E-03*	*3.04E-04*	*8.95E-03*	*ND*
	Grasshopper	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*5.60E-04*	*6.09E-03*	*4.14E-04*	*ND*	*ND*
	Jackrabbit	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*
	Jackrabbit	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*	*ND*
RSA	*Beetle*	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*6.58E-03*	*1.84E-02*	*3.71E-02*	*8.95E-03*	*ND*
	Beetle	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*5.60E-03*	*1.57E-02*	*5.06E-02*	*ND*	*ND*
	Grasshopper	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*6.58E-03*	*1.84E-02*	*3.71E-02*	*8.95E-03*	*ND*
	Grasshopper	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*5.60E-03*	*1.57E-02*	*5.06E-02*	*ND*	*ND*
	Jackrabbit	*246TNT*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*
	Jackrabbit	*RDX*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*	*ND*

[a] No toxicity data.

[b] Italics = Hazard quotients represent modeled or calculated data, or are based on 1/2 the method detection limit.

Summary Statistics for Herbicides in Biota

SWMU Number	Matrix	Analyte Code	Detects	Sample	Detection %	Minimum (ug/kg)	Maximum (ug/kg)	Mean (ug/kg)	Standard Deviation	UCL 95	Cterm (ug/kg)	Cterm (mg/kg)
10	Gumweed	2,4-D[a]	0	2	0	1100	1100	1100	0	0	1100	1.1
	Rabbitbrush	2,4-D	0	2	0	750	750	750	0	0	750	0.75
11	Gumweed	2,4-D	0	1	0	1100	1100	1100	0	0	1100	1.1
	Rabbitbrush	2,4-D	0	1	0	750	750	750	0	0	750	0.75
12	Rabbitbrush	2,4-D	0	1	0	750	750	750	0	0	750	0.75
	Sweetclover	2,4-D	0	1	0	650	650	650	0	0	650	0.65
15	Gumweed	2,4-D	0	1	0	1100	1100	1100	0	0	1100	1.1
	Rabbitbrush	2,4-D	0	3	0	750	750	750	0	0	750	0.75
	Sweetclover	2,4-D	0	2	0	650	650	650	0	0	650	0.65
21	Gumweed	2,4-D	0	2	0	1100	1100	1100	0	0	1100	1.1
	Rabbitbrush	2,4-D	0	2	0	750	750	750	0	0	750	0.75
37	Ambrosia	2,4-D	0	1	0	1100	1100	1100	0	0	1100	1.1
	Rabbitbrush	2,4-D	0	2	0	750	750	750	0	0	750	0.75
	Sweetclover	2,4-D	0	2	0	650	650	650	0	0	650	0.65
42	Gumweed	2,4-D	0	1	0	1100	1100	1100	0	0	1100	1.1
	Rabbitbrush	2,4-D	0	9	0	750	750	750	0	0	750	0.75
	Sweetclover	2,4-D	0	8	0	650	650	650	0	0	650	0.65
45	Gumweed	2,4-D	0	3	0	1100	1100	1100	0	0	1100	1.1
	Jackrabbit	2,4-D	0	15	0	600	600	600	0	0	600	0.6
	Rabbitbrush	2,4-D	2	5	40	750	2000	1250	685	1903	1903	1.902789016
	Sweetclover	2,4-D	0	3	0	650	650	650	0	0	650	0.65
1B	Gumweed	2,4-D	0	2	0	1100	1100	1100	0	0	1100	1.1
	Rabbitbrush	2,4-D	0	2	0	750	750	750	0	0	750	0.75
1C	Gumweed	2,4-D	0	2	0	1100	1100	1100	0	0	1100	1.1
	Rabbitbrush	2,4-D	0	2	0	750	750	750	0	0	750	0.75
RSA	Gumweed	2,4-D	0	7	0	1100	1100	1100	0	0	1100	1.1
	Jackrabbit	2,4-D	0	15	0	600	600	600	0	0	600	0.6
	Rabbitbrush	2,4-D	0	15	0	750	750	750	0	0	750	0.75
	Sweetclover	2,4-D	1	15	7	650	14000	1540	3447	3107	3107	3.10729
10[b]	*Jackrabbit*	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*600*	*0.6*
	Beetle	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
	Grasshopper	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
11	*Jackrabbit*	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*600*	*0.6*
	Beetle	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
	Grasshopper	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
12	*Jackrabbit*	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*600*	*0.6*
	Beetle	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
	Grasshopper	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
15	*Jackrabbit*	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*600*	*0.6*
	Beetle	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
	Grasshopper	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*

Summary Statistics for Herbicides in Biota (continued)

SWMU Number	Matrix	Analyte Code	Detects	Sample	Detection %	Minimum (ug/kg)	Maximum (ug/kg)	Mean (ug/kg)	Standard Deviation	UCL 95	Cterm (ug/kg)	Cterm (mg/kg)
21	*Jackrabbit*	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*600*	*0.6*
	Beetle	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
	Grasshopper	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
37	*Jackrabbit*	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*600*	*0.6*
	Beetle	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
	Grasshopper	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
42	*Jackrabbit*	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*600*	*0.6*
	Beetle	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
	Grasshopper	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
45	*Beetle*	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
	Grasshopper	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
1B	*Jackrabbit*	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*600*	*0.6*
	Beetle	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
	Grasshopper	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
1C	*Jackrabbit*	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*600*	*0.6*
	Beetle	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
	Grasshopper	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
RSA	*Beetle*	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*
	Grasshopper	*2,4-D*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*85*	*0.085*

[a] 2,4-dichlorophenoxyacetic acid.

[b] Italics = Cterm value represents modeled or calculated data, or 1/2 the method detection limit.

Final Hazard Quotients for Herbicides in Biota

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10	Gumweed	2,4-D[a]	ND	ND	ND	ND	ND	2.05E+00	1.93E-03	2.09E-02	8.37E-04	ND	ND
	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	1.40E+00	1.31E-03	1.43E-02	5.71E-04	ND	ND
11	Gumweed	2,4-D	ND	ND	ND	ND	ND	2.05E+00	2.89E-03	3.14E-02	1.26E-03	ND	ND
	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	1.40E+00	1.97E-03	2.14E-02	8.57E-04	ND	ND
12	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	1.40E+00	9.84E-03	1.07E-01	4.28E-03	ND	ND
	Sweetclover	2,4-D	ND	ND	ND	ND	ND	1.21E+00	8.53E-03	9.28E-02	3.71E-03	ND	ND
15	Gumweed	2,4-D	ND	ND	ND	ND	ND	2.05E+00	4.81E-02	5.23E-01	2.09E-02	ND	ND
	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	1.40E+00	3.28E-02	3.57E-01	1.43E-02	ND	ND
	Sweetclover	2,4-D	ND	ND	ND	ND	ND	1.21E+00	2.84E-02	3.09E-01	1.24E-02	ND	ND
21	Gumweed	2,4-D	ND	ND	ND	ND	ND	4.87E-01	1.20E-04	1.31E-03	5.23E-05	ND	ND
	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	3.32E-01	8.20E-05	8.92E-04	3.57E-05	ND	ND
37	Ambrosia	2,4-D	ND	ND	ND	ND	ND	2.05E+00	6.74E-04	7.33E-03	2.93E-04	ND	ND
	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	1.40E+00	4.59E-04	5.00E-03	2.00E-04	ND	ND
	Sweetclover	2,4-D	ND	ND	ND	ND	ND	1.21E+00	3.98E-04	4.33E-03	1.73E-04	ND	ND
42	Gumweed	2,4-D	ND	ND	ND	ND	ND	2.05E+00	3.47E-02	3.77E-01	1.51E-02	ND	ND
	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	1.40E+00	2.36E-02	2.57E-01	1.03E-02	ND	ND
	Sweetclover	2,4-D	ND	ND	ND	ND	ND	1.21E+00	2.05E-02	2.23E-01	8.91E-03	ND	ND
45	Gumweed	2,4-D	ND	ND	ND	ND	ND	2.05E+00	4.81E-03	5.23E-02	2.09E-03	ND	ND
	Jackrabbit	2,4-D	ND	ND	ND	ND	ND	1.12E+00	2.63E-03	2.85E-02	1.14E-03	ND	ND
	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	3.54E+00	8.32E-03	9.05E-02	3.62E-03	ND	ND
	Sweetclover	2,4-D	ND	ND	ND	ND	ND	1.21E+00	2.84E-03	3.09E-02	1.24E-03	ND	ND
1B	Gumweed	2,4-D	ND	ND	ND	ND	ND	1.95E+00	4.81E-04	5.23E-03	2.09E-04	ND	ND
	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	1.33E+00	3.28E-04	3.57E-03	1.43E-04	ND	ND
1C	Gumweed	2,4-D	ND	ND	ND	ND	ND	2.05E+00	1.93E-02	2.09E-01	8.37E-03	ND	ND
	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	1.40E+00	1.31E-02	1.43E-01	5.71E-03	ND	ND
RSA	Gumweed	2,4-D	ND	ND	ND	ND	ND	2.05E+00	1.93E-01	5.39E-01	1.02E+00	ND	ND
	Jackrabbit	2,4-D	ND	ND	ND	ND	ND	1.12E+00	1.05E-01	2.94E-01	5.58E-01	ND	ND
	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	1.40E+00	1.31E-01	3.68E-01	6.97E-01	ND	ND
	Sweetclover	2,4-D	ND	ND	ND	ND	ND	5.78E+00	5.44E-01	1.52E+00	2.89E+00	ND	ND
10[b]	*Jackrabbit*	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.12E+00*	*1.05E-03*	*1.14E-02*	*4.57E-04*	*ND*	*ND*
	Beetle	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*1.49E-04*	*1.62E-03*	*6.47E-05*	*ND*	*ND*
	Grasshopper	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*1.49E-04*	*1.62E-03*	*6.47E-05*	*ND*	*ND*
11	*Jackrabbit*	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.12E+00*	*1.58E-03*	*1.71E-02*	*6.85E-04*	*ND*	*ND*
	Beetle	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*2.23E-04*	*2.43E-03*	*9.71E-05*	*ND*	*ND*
	Grasshopper	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*2.23E-04*	*2.43E-03*	*9.71E-05*	*ND*	*ND*
12	*Jackrabbit*	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.12E+00*	*7.88E-03*	*8.56E-02*	*3.43E-03*	*ND*	*ND*
	Beetle	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*1.12E-03*	*1.21E-02*	*4.85E-04*	*ND*	*ND*
	Grasshopper	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*1.12E-03*	*1.21E-02*	*4.85E-04*	*ND*	*ND*
15	*Jackrabbit*	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.12E+00*	*2.63E-02*	*2.85E-01*	*1.14E-02*	*ND*	*ND*
	Beetle	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*3.72E-03*	*4.04E-02*	*1.62E-03*	*ND*	*ND*
	Grasshopper	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*3.72E-03*	*4.04E-02*	*1.62E-03*	*ND*	*ND*

Final Hazard Quotients for Herbicides in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
21	*Jackrabbit*	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.66E-01*	*6.56E-05*	*7.14E-04*	*2.86E-05*	*ND*	*ND*
	Beetle	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.76E-02*	*9.30E-06*	*1.01E-04*	*4.04E-06*	*ND*	*ND*
	Grasshopper	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.76E-02*	*9.30E-06*	*1.01E-04*	*4.04E-06*	*ND*	*ND*
37	*Jackrabbit*	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.12E+00*	*3.68E-04*	*4.00E-03*	*1.60E-04*	*ND*	*ND*
	Beetle	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*5.21E-05*	*5.66E-04*	*2.27E-05*	*ND*	*ND*
	Grasshopper	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*5.21E-05*	*5.66E-04*	*2.27E-05*	*ND*	*ND*
42	*Jackrabbit*	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.12E+00*	*1.89E-02*	*2.06E-01*	*8.22E-03*	*ND*	*ND*
	Beetle	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*2.68E-03*	*2.91E-02*	*1.16E-03*	*ND*	*ND*
	Grasshopper	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*2.68E-03*	*2.91E-02*	*1.16E-03*	*ND*	*ND*
45	*Beetle*	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*3.72E-04*	*4.04E-03*	*1.62E-04*	*ND*	*ND*
	Grasshopper	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*3.72E-04*	*4.04E-03*	*1.62E-04*	*ND*	*ND*
1B	*Jackrabbit*	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.06E+00*	*2.63E-04*	*2.85E-03*	*1.14E-04*	*ND*	*ND*
	Beetle	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.51E-01*	*3.72E-05*	*4.04E-04*	*1.62E-05*	*ND*	*ND*
	Grasshopper	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.51E-01*	*3.72E-05*	*4.04E-04*	*1.62E-05*	*ND*	*ND*
1C	*Jackrabbit*	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.12E+00*	*1.05E-02*	*1.14E-01*	*4.57E-03*	*ND*	*ND*
	Beetle	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*1.49E-03*	*1.62E-02*	*6.47E-04*	*ND*	*ND*
	Grasshopper	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*1.49E-03*	*1.62E-02*	*6.47E-04*	*ND*	*ND*
RSA	*Beetle*	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*1.49E-02*	*4.17E-02*	*7.90E-02*	*ND*	*ND*
	Grasshopper	*2,4-D*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*1.49E-02*	*4.17E-02*	*7.90E-02*	*ND*	*ND*

[a]2,4-dichlorophenoxyacetic acid.

[b]Italics indicate that the hazard quotients represent modeled or calculated data, or data based on 1/2 the method detection limit.

Summary Statistics for Metals in Biota

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
10	Gumweed	AG	0	2	0	7.89E-02	7.90E-02	7.89E-02	1.06E-04	7.94E-02	7.90E-02
	Gumweed	AL	2	2	100	8.76E+01	1.54E+02	1.21E+02	4.70E+01	3.30E+02	1.54E+02
	Gumweed	AS	0	2	0	3.15E-01	3.15E-01	3.15E-01	0.00E+00	NA[a]	3.15E-01
	Gumweed	BA	2	2	100	8.10E+00	1.11E+01	9.60E+00	2.12E+00	1.91E+01	1.11E+01
	Gumweed	BE	0	2	0	3.00E-03	3.00E-03	3.00E-03	0.00E+00	NA	3.00E-03
	Gumweed	CD	0	2	0	2.05E-01	2.05E-01	2.05E-01	0.00E+00	NA	2.05E-01
	Gumweed	CO	2	2	100	8.00E-02	1.00E-01	9.00E-02	1.41E-02	1.53E-01	1.00E-01
	Gumweed	CR	2	2	100	2.60E-01	3.30E-01	2.95E-01	4.95E-02	5.16E-01	3.30E-01
	Gumweed	CU	2	2	100	7.20E+00	8.00E+00	7.60E+00	5.66E-01	1.01E+01	8.00E+00
	Gumweed	FE	2	2	100	9.44E+01	1.49E+02	1.22E+02	3.86E+01	2.94E+02	1.49E+02
	Gumweed	HG	0	2	0	9.75E-03	1.00E-02	9.88E-03	1.77E-04	1.07E-02	1.00E-02
	Gumweed	MN	2	2	100	1.74E+01	2.30E+01	2.02E+01	3.96E+00	3.79E+01	2.30E+01
	Gumweed	NI	2	2	100	4.40E-01	4.50E-01	4.45E-01	7.07E-03	4.77E-01	4.50E-01
	Gumweed	PB	2	2	100	4.00E-01	1.00E+00	7.00E-01	4.24E-01	2.59E+00	1.00E+00
	Gumweed	SB	0	2	0	1.60E-01	1.65E-01	1.63E-01	3.39E-03	1.78E-01	1.65E-01
	Gumweed	SE	0	2	0	2.85E-01	2.85E-01	2.85E-01	0.00E+00	NA	2.85E-01
	Gumweed	V	1	2	50	5.39E-02	1.90E-01	1.22E-01	9.62E-02	5.52E-01	1.90E-01
	Gumweed	ZN	2	2	100	2.18E+01	2.40E+01	2.29E+01	1.56E+00	2.98E+01	2.40E+01
	Rabbitbrush	AG	0	2	0	8.02E-02	8.05E-02	8.04E-02	2.12E-04	8.13E-02	8.05E-02
	Rabbitbrush	AL	2	2	100	1.30E+02	1.40E+02	1.35E+02	7.07E+00	1.67E+02	1.40E+02
	Rabbitbrush	AS	2	2	100	4.10E-01	4.80E-01	4.45E-01	4.95E-02	6.66E-01	4.80E-01
	Rabbitbrush	BA	2	2	100	4.70E+00	6.20E+00	5.45E+00	1.06E+00	1.02E+01	6.20E+00
	Rabbitbrush	BE	0	2	0	2.95E-03	3.00E-03	2.98E-03	3.54E-05	3.13E-03	3.00E-03
	Rabbitbrush	CD	1	2	50	5.10E-02	1.10E-01	8.05E-02	4.18E-02	2.67E-01	1.10E-01
	Rabbitbrush	CO	0	2	0	4.75E-02	4.77E-02	4.76E-02	1.41E-04	4.82E-02	4.77E-02
	Rabbitbrush	CR	2	2	100	3.00E-01	3.10E-01	3.05E-01	7.07E-03	3.37E-01	3.10E-01
	Rabbitbrush	CU	2	2	100	7.00E+00	9.80E+00	8.40E+00	1.98E+00	1.72E+01	9.80E+00
	Rabbitbrush	FE	2	2	100	1.34E+02	1.36E+02	1.35E+02	1.41E+00	1.41E+02	1.36E+02
	Rabbitbrush	HG	2	2	100	1.00E-02	2.00E-02	1.50E-02	7.07E-03	4.66E-02	2.00E-02
	Rabbitbrush	MN	2	2	100	1.94E+01	2.11E+01	2.03E+01	1.20E+00	2.56E+01	2.11E+01
	Rabbitbrush	NI	2	2	100	3.90E-01	7.10E-01	5.50E-01	2.26E-01	1.56E+00	7.10E-01
	Rabbitbrush	PB	2	2	100	5.60E-01	1.70E+00	1.13E+00	8.06E-01	4.73E+00	1.70E+00
	Rabbitbrush	SB	0	2	0	2.45E-01	2.55E-01	2.50E-01	6.68E-03	2.80E-01	2.55E-01
	Rabbitbrush	SE	0	2	0	2.06E-01	2.08E-01	2.07E-01	1.38E-03	2.14E-01	2.08E-01
	Rabbitbrush	V	2	2	100	1.40E-01	2.20E-01	1.80E-01	5.66E-02	4.33E-01	2.20E-01
	Rabbitbrush	ZN	2	2	100	2.32E+01	2.32E+01	2.32E+01	0.00E+00	NA	2.32E+01
11	Gumweed	AG	0	1	0	7.89E-02	7.89E-02	7.89E-02	NA	NA	7.89E-02
	Gumweed	AL	1	1	100	1.49E+02	1.49E+02	1.49E+02	NA	NA	1.49E+02
	Gumweed	AS	0	1	0	3.09E-01	3.09E-01	3.09E-01	NA	NA	3.09E-01
	Gumweed	BA	1	1	100	1.16E+01	1.16E+01	1.16E+01	NA	NA	1.16E+01
	Gumweed	BE	0	1	0	3.00E-03	3.00E-03	3.00E-03	NA	NA	3.00E-03

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
11 (cont.)	Gumweed	CD	0	1	0	2.01E-01	2.01E-01	2.01E-01	NA	NA	2.01E-01
	Gumweed	CO	0	1	0	3.89E-02	3.89E-02	3.89E-02	NA	NA	3.89E-02
	Gumweed	CR	1	1	100	3.10E-01	3.10E-01	3.10E-01	NA	NA	3.10E-01
	Gumweed	CU	1	1	100	9.50E+00	9.50E+00	9.50E+00	NA	NA	9.50E+00
	Gumweed	FE	1	1	100	1.22E+02	1.22E+02	1.22E+02	NA	NA	1.22E+02
	Gumweed	HG	0	1	0	9.80E-03	9.80E-03	9.80E-03	NA	NA	9.80E-03
	Gumweed	MN	1	1	100	1.83E+01	1.83E+01	1.83E+01	NA	NA	1.83E+01
	Gumweed	NI	1	1	100	5.60E-01	5.60E-01	5.60E-01	NA	NA	5.60E-01
	Gumweed	PB	1	1	100	1.40E+00	1.40E+00	1.40E+00	NA	NA	1.40E+00
	Gumweed	SB	0	1	0	1.65E-01	1.65E-01	1.65E-01	NA	NA	1.65E-01
	Gumweed	SE	0	1	0	2.79E-01	2.79E-01	2.79E-01	NA	NA	2.79E-01
	Gumweed	V	0	1	0	5.39E-02	5.39E-02	5.39E-02	NA	NA	5.39E-02
	Gumweed	ZN	1	1	100	2.13E+01	2.13E+01	2.13E+01	NA	NA	2.13E+01
	Rabbitbrush	AG	0	1	0	8.07E-02	8.07E-02	8.07E-02	NA	NA	8.07E-02
	Rabbitbrush	AL	1	1	100	2.15E+01	2.15E+01	2.15E+01	NA	NA	2.15E+01
	Rabbitbrush	AS	1	1	100	3.60E-01	3.60E-01	3.60E-01	NA	NA	3.60E-01
	Rabbitbrush	BA	1	1	100	5.20E+00	5.20E+00	5.20E+00	NA	NA	5.20E+00
	Rabbitbrush	BE	0	1	0	3.00E-03	3.00E-03	3.00E-03	NA	NA	3.00E-03
	Rabbitbrush	CD	0	1	0	5.19E-02	5.19E-02	5.19E-02	NA	NA	5.19E-02
	Rabbitbrush	CO	0	1	0	4.78E-02	4.78E-02	4.78E-02	NA	NA	4.78E-02
	Rabbitbrush	CR	1	1	100	1.60E-01	1.60E-01	1.60E-01	NA	NA	1.60E-01
	Rabbitbrush	CU	1	1	100	4.40E+00	4.40E+00	4.40E+00	NA	NA	4.40E+00
	Rabbitbrush	FE	1	1	100	2.72E+01	2.72E+01	2.72E+01	NA	NA	2.72E+01
	Rabbitbrush	HG	1	1	100	1.00E-02	1.00E-02	1.00E-02	NA	NA	1.00E-02
	Rabbitbrush	MN	1	1	100	8.30E+00	8.30E+00	8.30E+00	NA	NA	8.30E+00
	Rabbitbrush	NI	1	1	100	6.90E-01	6.90E-01	6.90E-01	NA	NA	6.90E-01
	Rabbitbrush	PB	1	1	100	7.70E-01	7.70E-01	7.70E-01	NA	NA	7.70E-01
	Rabbitbrush	SB	0	1	0	2.57E-01	2.57E-01	2.57E-01	NA	NA	2.57E-01
	Rabbitbrush	SE	0	1	0	2.12E-01	2.12E-01	2.12E-01	NA	NA	2.12E-01
	Rabbitbrush	V	0	1	0	3.98E-02	3.98E-02	3.98E-02	NA	NA	3.98E-02
	Rabbitbrush	ZN	1	1	100	1.10E+01	1.10E+01	1.10E+01	NA	NA	1.10E+01
12	Rabbitbrush	AG	0	1	0	8.02E-02	8.02E-02	8.02E-02	NA	NA	8.02E-02
	Rabbitbrush	AL	1	1	100	5.24E+01	5.24E+01	5.24E+01	NA	NA	5.24E+01
	Rabbitbrush	AS	1	1	100	3.30E-01	3.30E-01	3.30E-01	NA	NA	3.30E-01
	Rabbitbrush	BA	1	1	100	3.90E+00	3.90E+00	3.90E+00	NA	NA	3.90E+00
	Rabbitbrush	BE	0	1	0	2.95E-03	2.95E-03	2.95E-03	NA	NA	2.95E-03
	Rabbitbrush	CD	1	1	100	1.30E-01	1.30E-01	1.30E-01	NA	NA	1.30E-01
	Rabbitbrush	CO	0	1	0	4.75E-02	4.75E-02	4.75E-02	NA	NA	4.75E-02
	Rabbitbrush	CR	1	1	100	1.90E-01	1.90E-01	1.90E-01	NA	NA	1.90E-01
	Rabbitbrush	CU	1	1	100	9.00E+00	9.00E+00	9.00E+00	NA	NA	9.00E+00
	Rabbitbrush	FE	1	1	100	6.96E+01	6.96E+01	6.96E+01	NA	NA	6.96E+01

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
12 (cont.)	Rabbitbrush	HG	0	1	0	4.95E-03	4.95E-03	4.95E-03	NA	NA	4.95E-03
	Rabbitbrush	MN	1	1	100	1.28E+01	1.28E+01	1.28E+01	NA	NA	1.28E+01
	Rabbitbrush	NI	1	1	100	8.70E-01	8.70E-01	8.70E-01	NA	NA	8.70E-01
	Rabbitbrush	PB	1	1	100	2.10E+00	2.10E+00	2.10E+00	NA	NA	2.10E+00
	Rabbitbrush	SB	0	1	0	2.62E-01	2.62E-01	2.62E-01	NA	NA	2.62E-01
	Rabbitbrush	SE	0	1	0	2.18E-01	2.18E-01	2.18E-01	NA	NA	2.18E-01
	Rabbitbrush	V	1	1	100	1.10E-01	1.10E-01	1.10E-01	NA	NA	1.10E-01
	Rabbitbrush	ZN	1	1	100	4.01E+01	4.01E+01	4.01E+01	NA	NA	4.01E+01
	Sweetclover	AG	0	1	0	3.58E-02	3.58E-02	3.58E-02	NA	NA	3.58E-02
	Sweetclover	AL	0	1	0	5.62E+00	5.62E+00	5.62E+00	NA	NA	5.62E+00
	Sweetclover	AS	1	1	100	5.40E-01	5.40E-01	5.40E-01	NA	NA	5.40E-01
	Sweetclover	BA	1	1	100	8.10E+00	8.10E+00	8.10E+00	NA	NA	8.10E+00
	Sweetclover	BE	0	1	0	2.00E-03	2.00E-03	2.00E-03	NA	NA	2.00E-03
	Sweetclover	CD	0	1	0	6.44E-02	6.44E-02	6.44E-02	NA	NA	6.44E-02
	Sweetclover	CO	1	1	100	1.00E-01	1.00E-01	1.00E-01	NA	NA	1.00E-01
	Sweetclover	CR	1	1	100	1.60E-01	1.60E-01	1.60E-01	NA	NA	1.60E-01
	Sweetclover	CU	1	1	100	2.40E+00	2.40E+00	2.40E+00	NA	NA	2.40E+00
	Sweetclover	FE	1	1	100	1.46E+01	1.46E+01	1.46E+01	NA	NA	1.46E+01
	Sweetclover	HG	1	1	100	1.00E-02	1.00E-02	1.00E-02	NA	NA	1.00E-02
	Sweetclover	MN	1	1	100	1.11E+01	1.11E+01	1.11E+01	NA	NA	1.11E+01
	Sweetclover	NI	1	1	100	1.10E+00	1.10E+00	1.10E+00	NA	NA	1.10E+00
	Sweetclover	PB	1	1	100	5.80E-01	5.80E-01	5.80E-01	NA	NA	5.80E-01
	Sweetclover	SB	0	1	0	4.76E-01	4.76E-01	4.76E-01	NA	NA	4.76E-01
	Sweetclover	SE	0	1	0	3.02E-01	3.02E-01	3.02E-01	NA	NA	3.02E-01
	Sweetclover	V	0	1	0	6.17E-02	6.17E-02	6.17E-02	NA	NA	6.17E-02
	Sweetclover	ZN	1	1	100	2.30E+00	2.30E+00	2.30E+00	NA	NA	2.30E+00
15	Gumweed	AG	0	1	0	7.89E-02	7.89E-02	7.89E-02	NA	NA	7.89E-02
	Gumweed	AL	0	1	0	4.02E+01	4.02E+01	4.02E+01	NA	NA	4.02E+01
	Gumweed	AS	0	1	0	3.12E-01	3.12E-01	3.12E-01	NA	NA	3.12E-01
	Gumweed	BA	1	1	100	2.60E+00	2.60E+00	2.60E+00	NA	NA	2.60E+00
	Gumweed	BE	0	1	0	3.00E-03	3.00E-03	3.00E-03	NA	NA	3.00E-03
	Gumweed	CD	1	1	100	5.30E+00	5.30E+00	5.30E+00	NA	NA	5.30E+00
	Gumweed	CO	0	1	0	3.89E-02	3.89E-02	3.89E-02	NA	NA	3.89E-02
	Gumweed	CR	1	1	100	2.00E-01	2.00E-01	2.00E-01	NA	NA	2.00E-01
	Gumweed	CU	1	1	100	9.00E+00	9.00E+00	9.00E+00	NA	NA	9.00E+00
	Gumweed	FE	0	1	0	3.07E+01	3.07E+01	3.07E+01	NA	NA	3.07E+01
	Gumweed	HG	0	1	0	9.80E-03	9.80E-03	9.80E-03	NA	NA	9.80E-03
	Gumweed	MN	1	1	100	7.00E+00	7.00E+00	7.00E+00	NA	NA	7.00E+00
	Gumweed	NI	1	1	100	7.40E-01	7.40E-01	7.40E-01	NA	NA	7.40E-01
	Gumweed	PB	1	1	100	1.30E+00	1.30E+00	1.30E+00	NA	NA	1.30E+00
	Gumweed	SB	0	1	0	1.59E-01	1.59E-01	1.59E-01	NA	NA	1.59E-01

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
15 (cont.)	Gumweed	SE	0	1	0	2.82E-01	2.82E-01	2.82E-01	NA	NA	2.82E-01
	Gumweed	V	0	1	0	5.39E-02	5.39E-02	5.39E-02	NA	NA	5.39E-02
	Gumweed	ZN	1	1	100	1.46E+02	1.46E+02	1.46E+02	NA	NA	1.46E+02
	Rabbitbrush	AG	0	3	0	8.01E-02	8.09E-02	8.04E-02	4.25E-04	8.11E-02	8.09E-02
	Rabbitbrush	AL	3	3	100	4.00E+01	1.38E+02	7.70E+01	5.32E+01	1.67E+02	1.38E+02
	Rabbitbrush	AS	3	3	100	4.00E-01	5.30E-01	4.73E-01	6.66E-02	5.86E-01	5.30E-01
	Rabbitbrush	BA	3	3	100	1.90E+00	2.60E+00	2.13E+00	4.04E-01	2.81E+00	2.60E+00
	Rabbitbrush	BE	0	3	0	2.95E-03	3.00E-03	2.97E-03	2.89E-05	3.02E-03	3.00E-03
	Rabbitbrush	CD	3	3	100	1.60E-01	1.70E+00	6.80E-01	8.83E-01	2.17E+00	1.70E+00
	Rabbitbrush	CO	0	3	0	4.75E-02	4.79E-02	4.76E-02	2.47E-04	4.80E-02	4.79E-02
	Rabbitbrush	CR	3	3	100	2.00E-01	4.30E-01	2.87E-01	1.25E-01	4.97E-01	4.30E-01
	Rabbitbrush	CU	3	3	100	4.30E+00	1.06E+01	6.80E+00	3.35E+00	1.24E+01	1.06E+01
	Rabbitbrush	FE	3	3	100	5.12E+01	1.50E+02	9.08E+01	5.23E+01	1.79E+02	1.50E+02
	Rabbitbrush	HG	0	3	0	4.95E-03	5.00E-03	4.98E-03	2.89E-05	5.03E-03	5.00E-03
	Rabbitbrush	MN	3	3	100	9.60E+00	2.01E+01	1.39E+01	5.48E+00	2.32E+01	2.01E+01
	Rabbitbrush	NI	3	3	100	8.30E-01	1.20E+00	1.00E+00	1.86E-01	1.32E+00	1.20E+00
	Rabbitbrush	PB	3	3	100	1.00E+00	2.80E+00	1.73E+00	9.45E-01	3.33E+00	2.80E+00
	Rabbitbrush	SB	0	3	0	2.48E-01	2.55E-01	2.51E-01	3.64E-03	2.57E-01	2.55E-01
	Rabbitbrush	SE	0	3	0	2.08E-01	2.25E-01	2.15E-01	9.10E-03	2.30E-01	2.25E-01
	Rabbitbrush	V	3	3	100	8.00E-02	2.30E-01	1.40E-01	7.94E-02	2.74E-01	2.30E-01
	Rabbitbrush	ZN	3	3	100	2.19E+01	1.02E+02	5.91E+01	4.04E+01	1.27E+02	1.02E+02
	Sweetclover	AG	0	2	0	3.53E-02	3.58E-02	3.56E-02	3.54E-04	3.71E-02	3.58E-02
	Sweetclover	AL	2	2	100	4.61E+01	6.62E+01	5.62E+01	1.42E+01	1.20E+02	6.62E+01
	Sweetclover	AS	2	2	100	6.70E-01	9.10E-01	7.90E-01	1.70E-01	1.55E+00	9.10E-01
	Sweetclover	BA	2	2	100	1.11E+01	1.60E+01	1.36E+01	3.46E+00	2.90E+01	1.60E+01
	Sweetclover	BE	0	2	0	1.95E-03	2.00E-03	1.98E-03	3.54E-05	2.13E-03	2.00E-03
	Sweetclover	CD	2	2	100	1.50E-01	3.60E-01	2.55E-01	1.48E-01	9.18E-01	3.60E-01
	Sweetclover	CO	2	2	100	9.00E-02	1.20E-01	1.05E-01	2.12E-02	2.00E-01	1.20E-01
	Sweetclover	CR	2	2	100	3.40E-01	3.40E-01	3.40E-01	0.00E+00	NA	3.40E-01
	Sweetclover	CU	2	2	100	3.40E+00	4.10E+00	3.75E+00	4.95E-01	5.96E+00	4.10E+00
	Sweetclover	FE	2	2	100	5.21E+01	7.29E+01	6.25E+01	1.47E+01	1.28E+02	7.29E+01
	Sweetclover	HG	1	2	50	4.80E-03	1.00E-02	7.40E-03	3.68E-03	2.38E-02	1.00E-02
	Sweetclover	MN	2	2	100	5.90E+00	6.10E+00	6.00E+00	1.41E-01	6.63E+00	6.10E+00
	Sweetclover	NI	2	2	100	3.90E-01	4.30E-01	4.10E-01	2.83E-02	5.36E-01	4.30E-01
	Sweetclover	PB	2	2	100	1.20E+00	1.90E+00	1.55E+00	4.95E-01	3.76E+00	1.90E+00
	Sweetclover	SB	0	2	0	4.59E-01	4.59E-01	4.59E-01	0.00E+00	NA	4.59E-01
	Sweetclover	SE	0	2	0	2.85E-01	3.02E-01	2.94E-01	1.20E-02	3.47E-01	3.02E-01
	Sweetclover	V	0	2	0	6.08E-02	6.17E-02	6.12E-02	6.01E-04	6.39E-02	6.17E-02
	Sweetclover	ZN	2	2	100	7.30E+00	1.20E+01	9.65E+00	3.32E+00	2.45E+01	1.20E+01
1b	Gumweed	AG	0	2	0	7.87E-02	7.89E-02	7.88E-02	1.06E-04	7.92E-02	7.89E-02
	Gumweed	AL	2	2	100	2.65E+02	2.66E+02	2.66E+02	7.07E-01	2.69E+02	2.66E+02

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
1b (cont.)	Gumweed	AS	0	2	0	3.03E-01	3.12E-01	3.07E-01	6.36E-03	3.36E-01	3.12E-01
	Gumweed	BA	2	2	100	1.69E+01	1.73E+01	1.71E+01	2.83E-01	1.84E+01	1.73E+01
	Gumweed	BE	0	2	0	3.00E-03	3.00E-03	3.00E-03	0.00E+00	NA	3.00E-03
	Gumweed	CD	1	2	50	1.97E-01	4.00E+00	2.10E+00	2.69E+00	1.41E+01	4.00E+00
	Gumweed	CO	2	2	100	8.00E-02	9.00E-02	8.50E-02	7.07E-03	1.17E-01	9.00E-02
	Gumweed	CR	2	2	100	3.90E-01	4.70E-01	4.30E-01	5.66E-02	6.83E-01	4.70E-01
	Gumweed	CU	2	2	100	5.70E+00	1.03E+01	8.00E+00	3.25E+00	2.25E+01	1.03E+01
	Gumweed	FE	2	2	100	1.96E+02	1.98E+02	1.97E+02	1.41E+00	2.03E+02	1.98E+02
	Gumweed	HG	0	2	0	9.90E-03	9.95E-03	9.93E-03	3.54E-05	1.01E-02	9.95E-03
	Gumweed	MN	2	2	100	2.36E+01	2.72E+01	2.54E+01	2.55E+00	3.68E+01	2.72E+01
	Gumweed	NI	2	2	100	4.60E-01	5.20E-01	4.90E-01	4.24E-02	6.79E-01	5.20E-01
	Gumweed	PB	2	2	100	6.00E-01	1.70E+00	1.15E+00	7.78E-01	4.62E+00	1.70E+00
	Gumweed	SB	0	2	0	1.62E-01	1.63E-01	1.63E-01	1.13E-03	1.68E-01	1.63E-01
	Gumweed	SE	0	2	0	2.74E-01	2.82E-01	2.78E-01	5.76E-03	3.04E-01	2.82E-01
	Gumweed	V	2	2	100	2.60E-01	3.50E-01	3.05E-01	6.36E-02	5.89E-01	3.50E-01
	Gumweed	ZN	2	2	100	2.17E+01	5.47E+01	3.82E+01	2.33E+01	1.42E+02	5.47E+01
	Rabbitbrush	AG	0	2	0	7.94E-02	7.96E-02	7.95E-02	1.06E-04	7.99E-02	7.96E-02
	Rabbitbrush	AL	2	2	100	4.39E+01	5.00E+01	4.70E+01	4.31E+00	6.62E+01	5.00E+01
	Rabbitbrush	AS	1	2	50	1.18E-01	2.50E-01	1.84E-01	9.32E-02	6.00E-01	2.50E-01
	Rabbitbrush	BA	2	2	100	7.60E+00	9.20E+00	8.40E+00	1.13E+00	1.35E+01	9.20E+00
	Rabbitbrush	BE	0	2	0	2.95E-03	2.95E-03	2.95E-03	0.00E+00	NA	2.95E-03
	Rabbitbrush	CD	2	2	100	2.20E-01	4.30E-01	3.25E-01	1.48E-01	9.88E-01	4.30E-01
	Rabbitbrush	CO	1	2	50	4.71E-02	1.00E-01	7.36E-02	3.74E-02	2.40E-01	1.00E-01
	Rabbitbrush	CR	2	2	100	2.20E-01	2.20E-01	2.20E-01	0.00E+00	NA	2.20E-01
	Rabbitbrush	CU	2	2	100	4.20E+00	6.60E+00	5.40E+00	1.70E+00	1.30E+01	6.60E+00
	Rabbitbrush	FE	2	2	100	5.84E+01	6.49E+01	6.17E+01	4.60E+00	8.22E+01	6.49E+01
	Rabbitbrush	HG	1	2	50	5.00E-03	1.00E-02	7.50E-03	3.54E-03	2.33E-02	1.00E-02
	Rabbitbrush	MN	2	2	100	2.44E+01	4.26E+01	3.35E+01	1.29E+01	9.10E+01	4.26E+01
	Rabbitbrush	NI	2	2	100	5.70E-01	6.00E-01	5.85E-01	2.12E-02	6.80E-01	6.00E-01
	Rabbitbrush	PB	2	2	100	3.50E-01	4.90E-01	4.20E-01	9.90E-02	8.62E-01	4.90E-01
	Rabbitbrush	SB	0	2	0	2.41E-01	2.62E-01	2.52E-01	1.52E-02	3.20E-01	2.62E-01
	Rabbitbrush	SE	0	2	0	2.05E-01	2.16E-01	2.10E-01	8.34E-03	2.48E-01	2.16E-01
	Rabbitbrush	V	1	2	50	3.93E-02	1.00E-01	6.97E-02	4.29E-02	2.61E-01	1.00E-01
	Rabbitbrush	ZN	2	2	100	5.90E+00	5.14E+01	2.87E+01	3.22E+01	1.72E+02	5.14E+01
1c	Gumweed	AG	0	2	0	7.89E-02	7.89E-02	7.89E-02	0.00E+00	NA	7.89E-02
	Gumweed	AL	2	2	100	1.24E+02	1.62E+02	1.43E+02	2.69E+01	2.63E+02	1.62E+02
	Gumweed	AS	2	2	100	8.10E-01	1.10E+00	9.55E-01	2.05E-01	1.87E+00	1.10E+00
	Gumweed	BA	2	2	100	1.22E+01	1.56E+01	1.39E+01	2.40E+00	2.46E+01	1.56E+01
	Gumweed	BE	0	2	0	3.00E-03	3.00E-03	3.00E-03	0.00E+00	NA	3.00E-03
	Gumweed	CD	0	2	0	2.03E-01	2.05E-01	2.04E-01	1.45E-03	2.10E-01	2.05E-01
	Gumweed	CO	1	2	50	3.89E-02	8.00E-02	5.94E-02	2.91E-02	1.89E-01	8.00E-02

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
1c (cont.)	Gumweed	CR	2	2	100	2.80E-01	3.80E-01	3.30E-01	7.07E-02	6.46E-01	3.80E-01
	Gumweed	CU	2	2	100	4.30E+00	6.70E+00	5.50E+00	1.70E+00	1.31E+01	6.70E+00
	Gumweed	FE	2	2	100	1.20E+02	1.61E+02	1.41E+02	2.90E+01	2.70E+02	1.61E+02
	Gumweed	HG	0	2	0	9.80E-03	9.90E-03	9.85E-03	7.07E-05	1.02E-02	9.90E-03
	Gumweed	MN	2	2	100	1.74E+01	2.25E+01	2.00E+01	3.61E+00	3.61E+01	2.25E+01
	Gumweed	NI	2	2	100	5.40E-01	7.80E-01	6.60E-01	1.70E-01	1.42E+00	7.80E-01
	Gumweed	PB	2	2	100	7.50E-01	8.60E-01	8.05E-01	7.78E-02	1.15E+00	8.60E-01
	Gumweed	SB	0	2	0	1.63E-01	1.65E-01	1.64E-01	1.17E-03	1.69E-01	1.65E-01
	Gumweed	SE	0	2	0	2.82E-01	2.85E-01	2.84E-01	1.98E-03	2.92E-01	2.85E-01
	Gumweed	V	0	2	0	5.39E-02	5.39E-02	5.39E-02	0.00E+00	NA	5.39E-02
	Gumweed	ZN	2	2	100	2.63E+01	2.78E+01	2.71E+01	1.06E+00	3.18E+01	2.78E+01
	Rabbitbrush	AG	0	2	0	7.96E-02	8.05E-02	8.00E-02	6.72E-04	8.30E-02	8.05E-02
	Rabbitbrush	AL	2	2	100	3.58E+01	8.63E+01	6.11E+01	3.57E+01	2.20E+02	8.63E+01
	Rabbitbrush	AS	2	2	100	2.40E-01	4.30E-01	3.35E-01	1.34E-01	9.35E-01	4.30E-01
	Rabbitbrush	BA	2	2	100	3.20E+00	6.80E+00	5.00E+00	2.55E+00	1.64E+01	6.80E+00
	Rabbitbrush	BE	0	2	0	2.95E-03	3.00E-03	2.98E-03	3.54E-05	3.13E-03	3.00E-03
	Rabbitbrush	CD	2	2	100	1.40E-01	1.40E+00	7.70E-01	8.91E-01	4.75E+00	1.40E+00
	Rabbitbrush	CO	1	2	50	4.71E-02	1.10E-01	7.86E-02	4.44E-02	2.77E-01	1.10E-01
	Rabbitbrush	CR	2	2	100	2.10E-01	2.30E-01	2.20E-01	1.41E-02	2.83E-01	2.30E-01
	Rabbitbrush	CU	2	2	100	2.60E+00	4.80E+00	3.70E+00	1.56E+00	1.06E+01	4.80E+00
	Rabbitbrush	FE	2	2	100	4.59E+01	1.08E+02	7.70E+01	4.39E+01	2.73E+02	1.08E+02
	Rabbitbrush	HG	0	2	0	5.00E-03	5.00E-03	5.00E-03	0.00E+00	NA	5.00E-03
	Rabbitbrush	MN	2	2	100	9.50E+00	6.00E+01	3.48E+01	3.57E+01	1.94E+02	6.00E+01
	Rabbitbrush	NI	2	2	100	4.70E-01	1.80E+00	1.14E+00	9.40E-01	5.33E+00	1.80E+00
	Rabbitbrush	PB	2	2	100	3.50E-01	5.20E-01	4.35E-01	1.20E-01	9.72E-01	5.20E-01
	Rabbitbrush	SB	0	2	0	2.55E-01	2.57E-01	2.56E-01	1.76E-03	2.64E-01	2.57E-01
	Rabbitbrush	SE	0	2	0	2.06E-01	2.21E-01	2.14E-01	1.00E-02	2.58E-01	2.21E-01
	Rabbitbrush	V	1	2	50	3.98E-02	9.00E-02	6.49E-02	3.55E-02	2.24E-01	9.00E-02
	Rabbitbrush	ZN	2	2	100	6.60E+00	2.08E+01	1.37E+01	1.00E+01	5.85E+01	2.08E+01
21	Gumweed	AG	0	2	0	7.81E-02	7.90E-02	7.85E-02	6.72E-04	8.15E-02	7.90E-02
	Gumweed	AL	2	2	100	1.23E+02	4.11E+02	2.67E+02	2.04E+02	1.18E+03	4.11E+02
	Gumweed	AS	0	2	0	3.03E-01	3.15E-01	3.09E-01	8.56E-03	3.47E-01	3.15E-01
	Gumweed	BA	2	2	100	3.32E+01	1.20E+02	7.66E+01	6.14E+01	3.51E+02	1.20E+02
	Gumweed	BE	0	2	0	2.95E-03	3.00E-03	2.98E-03	3.54E-05	3.13E-03	3.00E-03
	Gumweed	CD	2	2	100	1.40E+00	1.01E+01	5.75E+00	6.15E+00	3.32E+01	1.01E+01
	Gumweed	CO	1	2	50	3.86E-02	2.30E-01	1.34E-01	1.35E-01	7.39E-01	2.30E-01
	Gumweed	CR	2	2	100	3.20E-01	1.30E+00	8.10E-01	6.93E-01	3.90E+00	1.30E+00
	Gumweed	CU	2	2	100	1.49E+01	5.36E+01	3.43E+01	2.74E+01	1.56E+02	5.36E+01
	Gumweed	FE	2	2	100	1.10E+02	2.86E+02	1.98E+02	1.24E+02	7.54E+02	2.86E+02
	Gumweed	HG	0	2	0	9.70E-03	9.80E-03	9.75E-03	7.07E-05	1.01E-02	9.80E-03
	Gumweed	MN	2	2	100	1.82E+01	2.35E+01	2.09E+01	3.75E+00	3.76E+01	2.35E+01

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
21 (cont.)	Gumweed	NI	2	2	100	4.50E-01	1.50E+00	9.75E-01	7.42E-01	4.29E+00	1.50E+00
	Gumweed	PB	2	2	100	2.93E+01	1.47E+02	8.82E+01	8.32E+01	4.60E+02	1.47E+02
	Gumweed	SB	1	2	50	1.62E-01	3.40E+00	1.78E+00	2.29E+00	1.20E+01	3.40E+00
	Gumweed	SE	0	2	0	2.74E-01	2.85E-01	2.80E-01	7.74E-03	3.14E-01	2.85E-01
	Gumweed	V	2	2	100	1.10E-01	3.90E-01	2.50E-01	1.98E-01	1.13E+00	3.90E-01
	Gumweed	ZN	2	2	100	5.07E+01	1.54E+02	1.02E+02	7.30E+01	4.28E+02	1.54E+02
	Rabbitbrush	AG	0	2	0	7.94E-02	8.10E-02	8.02E-02	1.13E-03	8.53E-02	8.10E-02
	Rabbitbrush	AL	2	2	100	6.63E+01	8.12E+01	7.38E+01	1.05E+01	1.21E+02	8.12E+01
	Rabbitbrush	AS	1	2	50	1.26E-01	2.80E-01	2.03E-01	1.09E-01	6.89E-01	2.80E-01
	Rabbitbrush	BA	2	2	100	8.50E+00	1.72E+01	1.29E+01	6.15E+00	4.03E+01	1.72E+01
	Rabbitbrush	BE	0	2	0	2.95E-03	3.00E-03	2.98E-03	3.54E-05	3.13E-03	3.00E-03
	Rabbitbrush	CD	2	2	100	1.80E-01	7.70E-01	4.75E-01	4.17E-01	2.34E+00	7.70E-01
	Rabbitbrush	CO	0	2	0	4.71E-02	4.80E-02	4.75E-02	6.72E-04	5.05E-02	4.80E-02
	Rabbitbrush	CR	2	2	100	1.90E-01	6.60E-01	4.25E-01	3.32E-01	1.91E+00	6.60E-01
	Rabbitbrush	CU	2	2	100	6.50E+00	1.23E+01	9.40E+00	4.10E+00	2.77E+01	1.23E+01
	Rabbitbrush	FE	2	2	100	6.52E+01	8.73E+01	7.63E+01	1.56E+01	1.46E+02	8.73E+01
	Rabbitbrush	HG	1	2	50	4.95E-03	1.00E-02	7.48E-03	3.57E-03	2.34E-02	1.00E-02
	Rabbitbrush	MN	2	2	100	8.50E+00	1.25E+01	1.05E+01	2.83E+00	2.31E+01	1.25E+01
	Rabbitbrush	NI	1	2	50	1.08E-01	9.20E-01	5.14E-01	5.74E-01	3.08E+00	9.20E-01
	Rabbitbrush	PB	2	2	100	1.43E+01	7.09E+01	4.26E+01	4.00E+01	2.21E+02	7.09E+01
	Rabbitbrush	SB	1	2	50	2.60E-01	1.30E+00	7.80E-01	7.36E-01	4.06E+00	1.30E+00
	Rabbitbrush	SE	0	2	0	2.12E-01	2.18E-01	2.15E-01	4.38E-03	2.35E-01	2.18E-01
	Rabbitbrush	V	1	2	50	3.92E-02	9.00E-02	6.46E-02	3.59E-02	2.25E-01	9.00E-02
	Rabbitbrush	ZN	2	2	100	1.33E+01	2.36E+01	1.85E+01	7.28E+00	5.10E+01	2.36E+01
37	Ambrosia	AG	0	1	0	7.84E-02	7.84E-02	7.84E-02	NA	NA	7.84E-02
	Ambrosia	AL	1	1	100	9.25E+01	9.25E+01	9.25E+01	NA	NA	9.25E+01
	Ambrosia	AS	0	1	0	3.14E-01	3.14E-01	3.14E-01	NA	NA	3.14E-01
	Ambrosia	BA	1	1	100	8.30E+00	8.30E+00	8.30E+00	NA	NA	8.30E+00
	Ambrosia	BE	1	1	100	1.00E-02	1.00E-02	1.00E-02	NA	NA	1.00E-02
	Ambrosia	CD	0	1	0	2.04E-01	2.04E-01	2.04E-01	NA	NA	2.04E-01
	Ambrosia	CO	1	1	100	8.00E-02	8.00E-02	8.00E-02	NA	NA	8.00E-02
	Ambrosia	CR	1	1	100	4.80E-01	4.80E-01	4.80E-01	NA	NA	4.80E-01
	Ambrosia	CU	1	1	100	9.10E+00	9.10E+00	9.10E+00	NA	NA	9.10E+00
	Ambrosia	FE	1	1	100	1.02E+02	1.02E+02	1.02E+02	NA	NA	1.02E+02
	Ambrosia	HG	0	1	0	7.75E-03	7.75E-03	7.75E-03	NA	NA	7.75E-03
	Ambrosia	MN	1	1	100	9.50E+00	9.50E+00	9.50E+00	NA	NA	9.50E+00
	Ambrosia	NI	1	1	100	2.60E+00	2.60E+00	2.60E+00	NA	NA	2.60E+00
	Ambrosia	PB	1	1	100	3.70E-01	3.70E-01	3.70E-01	NA	NA	3.70E-01
	Ambrosia	SB	0	1	0	1.60E-01	1.60E-01	1.60E-01	NA	NA	1.60E-01
	Ambrosia	SE	0	1	0	2.81E-01	2.81E-01	2.81E-01	NA	NA	2.81E-01
	Ambrosia	V	1	1	100	1.50E-01	1.50E-01	1.50E-01	NA	NA	1.50E-01

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
37 (cont.)	Ambrosia	ZN	1	1	100	3.75E+01	3.75E+01	3.75E+01	NA	NA	3.75E+01
	Rabbitbrush	AG	0	2	0	7.97E-02	8.07E-02	8.02E-02	7.07E-04	8.34E-02	8.07E-02
	Rabbitbrush	AL	2	2	100	9.06E+01	1.83E+02	1.37E+02	6.53E+01	4.29E+02	1.83E+02
	Rabbitbrush	AS	2	2	100	3.20E-01	3.60E-01	3.40E-01	2.83E-02	4.66E-01	3.60E-01
	Rabbitbrush	BA	2	2	100	7.00E+00	7.00E+00	7.00E+00	0.00E+00	NA	7.00E+00
	Rabbitbrush	BE	0	2	0	2.95E-03	3.00E-03	2.98E-03	3.54E-05	3.13E-03	3.00E-03
	Rabbitbrush	CD	1	2	50	5.24E-02	2.20E-01	1.36E-01	1.19E-01	6.65E-01	2.20E-01
	Rabbitbrush	CO	1	2	50	4.78E-02	1.00E-01	7.39E-02	3.69E-02	2.39E-01	1.00E-01
	Rabbitbrush	CR	2	2	100	3.50E-01	5.30E-01	4.40E-01	1.27E-01	1.01E+00	5.30E-01
	Rabbitbrush	CU	2	2	100	7.20E+00	8.40E+00	7.80E+00	8.49E-01	1.16E+01	8.40E+00
	Rabbitbrush	FE	2	2	100	1.20E+02	1.85E+02	1.53E+02	4.60E+01	3.58E+02	1.85E+02
	Rabbitbrush	HG	0	2	0	4.95E-03	5.00E-03	4.98E-03	3.54E-05	5.13E-03	5.00E-03
	Rabbitbrush	MN	2	2	100	1.46E+01	1.64E+01	1.55E+01	1.27E+00	2.12E+01	1.64E+01
	Rabbitbrush	NI	2	2	100	3.60E-01	2.40E+00	1.38E+00	1.44E+00	7.82E+00	2.40E+00
	Rabbitbrush	PB	2	2	100	4.10E-01	1.80E+00	1.11E+00	9.83E-01	5.49E+00	1.80E+00
	Rabbitbrush	SB	0	2	0	2.48E-01	2.55E-01	2.51E-01	5.06E-03	2.74E-01	2.55E-01
	Rabbitbrush	SE	0	2	0	2.10E-01	2.14E-01	2.12E-01	2.83E-03	2.25E-01	2.14E-01
	Rabbitbrush	V	2	2	100	1.10E-01	3.20E-01	2.15E-01	1.48E-01	8.78E-01	3.20E-01
	Rabbitbrush	ZN	2	2	100	1.24E+01	2.57E+01	1.91E+01	9.40E+00	6.10E+01	2.57E+01
	Sweetclover	AG	0	2	0	3.57E-02	3.59E-02	3.58E-02	1.41E-04	3.64E-02	3.59E-02
	Sweetclover	AL	2	2	100	4.77E+01	5.73E+01	5.25E+01	6.79E+00	8.28E+01	5.73E+01
	Sweetclover	AS	2	2	100	3.10E-01	4.10E-01	3.60E-01	7.07E-02	6.76E-01	4.10E-01
	Sweetclover	BA	2	2	100	1.14E+01	2.31E+01	1.73E+01	8.27E+00	5.42E+01	2.31E+01
	Sweetclover	BE	0	2	0	2.00E-03	2.00E-03	2.00E-03	0.00E+00	NA	2.00E-03
	Sweetclover	CD	1	2	50	6.13E-02	2.20E-01	1.41E-01	1.12E-01	6.42E-01	2.20E-01
	Sweetclover	CO	1	2	50	3.59E-02	8.00E-02	5.79E-02	3.12E-02	1.97E-01	8.00E-02
	Sweetclover	CR	2	2	100	2.40E-01	3.20E-01	2.80E-01	5.66E-02	5.33E-01	3.20E-01
	Sweetclover	CU	2	2	100	3.30E+00	4.20E+00	3.75E+00	6.36E-01	6.59E+00	4.20E+00
	Sweetclover	FE	2	2	100	6.36E+01	8.23E+01	7.30E+01	1.32E+01	1.32E+02	8.23E+01
	Sweetclover	HG	2	2	100	1.00E-02	1.00E-02	1.00E-02	0.00E+00	NA	1.00E-02
	Sweetclover	MN	2	2	100	1.23E+01	1.60E+01	1.42E+01	2.62E+00	2.58E+01	1.60E+01
	Sweetclover	NI	2	2	100	2.60E-01	5.40E-01	4.00E-01	1.98E-01	1.28E+00	5.40E-01
	Sweetclover	PB	2	2	100	3.30E-01	7.00E-01	5.15E-01	2.62E-01	1.68E+00	7.00E-01
	Sweetclover	SB	0	2	0	4.55E-01	4.59E-01	4.57E-01	2.93E-03	4.70E-01	4.59E-01
	Sweetclover	SE	0	2	0	2.88E-01	2.96E-01	2.92E-01	5.90E-03	3.18E-01	2.96E-01
	Sweetclover	V	0	2	0	6.14E-02	6.18E-02	6.16E-02	2.47E-04	6.27E-02	6.18E-02
	Sweetclover	ZN	2	2	100	7.10E+00	1.07E+01	8.90E+00	2.55E+00	2.03E+01	1.07E+01
42	Gumweed	AG	0	1	0	7.89E-02	7.89E-02	7.89E-02	NA	NA	7.89E-02
	Gumweed	AL	1	1	100	1.36E+02	1.36E+02	1.36E+02	NA	NA	1.36E+02
	Gumweed	AS	1	1	100	9.30E-01	9.30E-01	9.30E-01	NA	NA	9.30E-01
	Gumweed	BA	1	1	100	3.09E+01	3.09E+01	3.09E+01	NA	NA	3.09E+01

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
42 (cont.)	Gumweed	BE	0	1	0	3.00E-03	3.00E-03	3.00E-03	NA	NA	3.00E-03
	Gumweed	CD	1	1	100	4.50E-01	4.50E-01	4.50E-01	NA	NA	4.50E-01
	Gumweed	CO	1	1	100	1.30E-01	1.30E-01	1.30E-01	NA	NA	1.30E-01
	Gumweed	CR	1	1	100	4.80E-01	4.80E-01	4.80E-01	NA	NA	4.80E-01
	Gumweed	CU	1	1	100	9.50E+00	9.50E+00	9.50E+00	NA	NA	9.50E+00
	Gumweed	FE	1	1	100	1.39E+02	1.39E+02	1.39E+02	NA	NA	1.39E+02
	Gumweed	HG	0	1	0	1.00E-02	1.00E-02	1.00E-02	NA	NA	1.00E-02
	Gumweed	MN	1	1	100	1.84E+01	1.84E+01	1.84E+01	NA	NA	1.84E+01
	Gumweed	NI	1	1	100	1.10E+00	1.10E+00	1.10E+00	NA	NA	1.10E+00
	Gumweed	PB	1	1	100	3.12E+01	3.12E+01	3.12E+01	NA	NA	3.12E+01
	Gumweed	SB	0	1	0	1.65E-01	1.65E-01	1.65E-01	NA	NA	1.65E-01
	Gumweed	SE	0	1	0	2.85E-01	2.85E-01	2.85E-01	NA	NA	2.85E-01
	Gumweed	V	1	1	100	1.90E-01	1.90E-01	1.90E-01	NA	NA	1.90E-01
	Gumweed	ZN	1	1	100	2.32E+01	2.32E+01	2.32E+01	NA	NA	2.32E+01
	Rabbitbrush	AG	0	9	0	7.99E-02	8.09E-02	8.04E-02	3.04E-04	8.06E-02	8.09E-02
	Rabbitbrush	AL	9	9	100	4.47E+01	1.26E+02	7.52E+01	2.71E+01	9.20E+01	9.20E+01
	Rabbitbrush	AS	9	9	100	3.10E-01	9.00E-01	6.56E-01	1.99E-01	7.79E-01	7.79E-01
	Rabbitbrush	BA	9	9	100	6.30E+00	9.94E+01	3.99E+01	3.72E+01	6.30E+01	6.30E+01
	Rabbitbrush	BE	0	9	0	2.95E-03	3.00E-03	2.98E-03	2.50E-05	3.00E-03	3.00E-03
	Rabbitbrush	CD	9	9	100	1.20E-01	2.70E-01	1.83E-01	5.83E-02	2.19E-01	2.19E-01
	Rabbitbrush	CO	2	9	22	4.74E-02	1.10E-01	6.03E-02	2.54E-02	7.61E-02	7.61E-02
	Rabbitbrush	CR	9	9	100	2.50E-01	6.80E-01	3.64E-01	1.31E-01	4.46E-01	4.46E-01
	Rabbitbrush	CU	9	9	100	5.10E+00	1.30E+01	8.20E+00	3.02E+00	1.01E+01	1.01E+01
	Rabbitbrush	FE	9	9	100	5.84E+01	1.45E+02	9.26E+01	2.69E+01	1.09E+02	1.09E+02
	Rabbitbrush	HG	5	9	56	4.95E-03	1.00E-02	7.77E-03	2.65E-03	9.41E-03	9.41E-03
	Rabbitbrush	MN	9	9	100	1.56E+01	3.45E+01	2.26E+01	7.01E+00	2.69E+01	2.69E+01
	Rabbitbrush	NI	9	9	100	4.70E-01	1.80E+00	1.07E+00	5.62E-01	1.42E+00	1.42E+00
	Rabbitbrush	PB	9	9	100	4.80E+00	4.78E+01	1.71E+01	1.43E+01	2.60E+01	2.60E+01
	Rabbitbrush	SB	2	9	22	2.45E-01	9.60E-01	3.81E-01	2.63E-01	5.44E-01	5.44E-01
	Rabbitbrush	SE	0	9	0	2.06E-01	2.21E-01	2.14E-01	4.94E-03	2.17E-01	2.21E-01
	Rabbitbrush	V	5	9	56	3.96E-02	2.00E-01	9.32E-02	6.11E-02	1.31E-01	1.31E-01
	Rabbitbrush	ZN	9	9	100	9.00E+00	3.10E+01	1.75E+01	7.28E+00	2.20E+01	2.20E+01
	Sweetclover	AG	0	8	0	3.53E-02	3.60E-02	3.56E-02	2.41E-04	3.58E-02	3.60E-02
	Sweetclover	AL	8	8	100	2.43E+01	6.32E+01	3.79E+01	1.46E+01	4.77E+01	4.77E+01
	Sweetclover	AS	7	8	88	1.42E-01	9.30E-01	3.84E-01	2.33E-01	5.40E-01	5.40E-01
	Sweetclover	BA	8	8	100	2.33E+01	5.99E+02	2.34E+02	2.07E+02	3.73E+02	3.73E+02
	Sweetclover	BE	0	8	0	1.95E-03	2.00E-03	1.99E-03	2.31E-05	2.00E-03	2.00E-03
	Sweetclover	CD	8	8	100	2.00E-01	7.30E-01	3.46E-01	1.62E-01	4.55E-01	4.55E-01
	Sweetclover	CO	8	8	100	9.00E-02	5.40E-01	2.71E-01	1.64E-01	3.81E-01	3.81E-01
	Sweetclover	CR	8	8	100	2.50E-01	8.20E-01	3.81E-01	1.90E-01	5.09E-01	5.09E-01
	Sweetclover	CU	8	8	100	2.90E+00	1.08E+01	5.04E+00	2.56E+00	6.76E+00	6.76E+00

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
42 (cont.)	Sweetclover	FE	8	8	100	3.20E+01	7.12E+01	4.70E+01	1.54E+01	5.73E+01	5.73E+01
	Sweetclover	HG	7	8	88	5.00E-03	3.00E-02	1.31E-02	7.99E-03	1.85E-02	1.85E-02
	Sweetclover	MN	8	8	100	8.20E+00	1.34E+01	1.05E+01	1.75E+00	1.16E+01	1.16E+01
	Sweetclover	NI	8	8	100	2.70E-01	1.50E+00	6.20E-01	3.81E-01	8.75E-01	8.75E-01
	Sweetclover	PB	8	8	100	3.60E+00	7.14E+01	2.07E+01	2.22E+01	3.56E+01	3.56E+01
	Sweetclover	SB	1	8	13	4.55E-01	1.60E+00	6.12E-01	3.99E-01	8.80E-01	8.80E-01
	Sweetclover	SE	0	8	0	2.88E-01	3.05E-01	2.97E-01	7.09E-03	3.01E-01	3.05E-01
	Sweetclover	V	1	8	13	6.08E-02	1.40E-01	7.12E-02	2.78E-02	8.98E-02	8.98E-02
	Sweetclover	ZN	8	8	100	2.40E+00	1.36E+01	5.95E+00	3.45E+00	8.26E+00	8.26E+00
45	Gumweed	AG	0	3	0	7.87E-02	7.90E-02	7.89E-02	1.50E-04	7.91E-02	7.90E-02
	Gumweed	AL	1	3	33	4.01E+01	1.48E+02	7.61E+01	6.22E+01	1.81E+02	1.48E+02
	Gumweed	AS	1	3	33	3.15E-01	7.30E-01	4.53E-01	2.40E-01	8.57E-01	7.30E-01
	Gumweed	BA	3	3	100	1.12E+01	1.54E+01	1.34E+01	2.11E+00	1.70E+01	1.54E+01
	Gumweed	BE	0	3	0	3.00E-03	3.00E-03	3.00E-03	0.00E+00	NA	3.00E-03
	Gumweed	CD	1	3	33	2.01E-01	2.30E+00	9.02E-01	1.21E+00	2.94E+00	2.30E+00
	Gumweed	CO	2	3	67	3.90E-02	9.00E-02	6.97E-02	2.70E-02	1.15E-01	9.00E-02
	Gumweed	CR	3	3	100	2.80E-01	3.50E-01	3.13E-01	3.51E-02	3.73E-01	3.50E-01
	Gumweed	CU	3	3	100	9.10E+00	9.90E+00	9.53E+00	4.04E-01	1.02E+01	9.90E+00
	Gumweed	FE	3	3	100	6.25E+01	1.29E+02	9.28E+01	3.36E+01	1.50E+02	1.29E+02
	Gumweed	HG	0	3	0	9.80E-03	9.85E-03	9.83E-03	2.89E-05	9.88E-03	9.85E-03
	Gumweed	MN	3	3	100	6.30E+00	2.81E+01	2.00E+01	1.19E+01	4.01E+01	2.81E+01
	Gumweed	NI	3	3	100	4.00E-01	5.20E-01	4.57E-01	6.03E-02	5.58E-01	5.20E-01
	Gumweed	PB	3	3	100	1.90E+00	2.40E+00	2.17E+00	2.52E-01	2.59E+00	2.40E+00
	Gumweed	SB	0	3	0	1.63E-01	1.65E-01	1.64E-01	9.53E-04	1.66E-01	1.65E-01
	Gumweed	SE	1	3	33	2.79E-01	8.50E-01	4.71E-01	3.28E-01	1.02E+00	8.50E-01
	Gumweed	V	1	3	33	5.38E-02	1.70E-01	9.26E-02	6.70E-02	2.06E-01	1.70E-01
	Gumweed	ZN	3	3	100	2.42E+01	3.93E+01	3.23E+01	7.62E+00	4.52E+01	3.93E+01
	Jackrabbit	AG	0	15	0	1.83E-01	1.86E-01	1.84E-01	8.78E-04	1.84E-01	1.86E-01
	Jackrabbit	AL	15	15	100	8.60E+00	2.81E+01	1.95E+01	5.32E+00	2.20E+01	2.20E+01
	Jackrabbit	AS	0	15	0	1.23E-01	1.35E-01	1.30E-01	3.89E-03	1.32E-01	1.35E-01
	Jackrabbit	BA	5	15	33	2.18E+00	8.20E+00	3.21E+00	1.73E+00	4.00E+00	4.00E+00
	Jackrabbit	BE	0	15	0	1.95E-03	2.00E-03	1.98E-03	2.44E-05	1.99E-03	2.00E-03
	Jackrabbit	CD	8	15	53	5.61E-02	4.20E-01	1.25E-01	9.49E-02	1.68E-01	1.68E-01
	Jackrabbit	CO	3	15	20	2.65E-02	8.00E-02	3.47E-02	1.71E-02	4.25E-02	4.25E-02
	Jackrabbit	CR	15	15	100	3.20E-01	4.40E-01	3.81E-01	3.49E-02	3.97E-01	3.97E-01
	Jackrabbit	CU	15	15	100	3.60E+00	3.14E+01	1.26E+01	8.76E+00	1.66E+01	1.66E+01
	Jackrabbit	FE	15	15	100	7.49E+01	1.88E+02	1.09E+02	2.93E+01	1.23E+02	1.23E+02
	Jackrabbit	HG	14	15	93	1.45E-03	1.00E-02	8.48E-03	3.16E-03	9.92E-03	9.92E-03
	Jackrabbit	MN	15	15	100	1.90E+00	4.20E+00	2.99E+00	7.91E-01	3.35E+00	3.35E+00
	Jackrabbit	NI	14	15	93	4.93E-02	4.40E-01	2.36E-01	9.56E-02	2.79E-01	2.79E-01
	Jackrabbit	PB	15	15	100	1.80E+00	4.05E+02	7.59E+01	1.13E+02	1.27E+02	1.27E+02

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
45 (cont.)	Jackrabbit	SB	2	15	13	2.14E-01	6.70E-01	2.66E-01	1.27E-01	3.23E-01	3.23E-01
	Jackrabbit	SE	0	15	0	1.14E-01	1.25E-01	1.20E-01	3.60E-03	1.22E-01	1.25E-01
	Jackrabbit	V	0	15	0	2.75E-02	2.80E-02	2.77E-02	1.43E-04	2.78E-02	2.80E-02
	Jackrabbit	ZN	15	15	100	1.89E+01	2.41E+01	2.19E+01	1.53E+00	2.26E+01	2.26E+01
	Rabbitbrush	AG	0	5	0	7.94E-02	8.02E-02	7.98E-02	2.95E-04	8.01E-02	8.02E-02
	Rabbitbrush	AL	4	5	80	9.46E+00	4.59E+01	2.62E+01	1.31E+01	3.87E+01	3.87E+01
	Rabbitbrush	AS	4	5	80	1.24E-01	4.10E-01	3.05E-01	1.10E-01	4.10E-01	4.10E-01
	Rabbitbrush	BA	5	5	100	2.80E+00	4.20E+00	3.66E+00	5.22E-01	4.16E+00	4.16E+00
	Rabbitbrush	BE	0	5	0	2.95E-03	2.95E-03	2.95E-03	4.12E-11	2.95E-03	2.95E-03
	Rabbitbrush	CD	5	5	100	1.40E-01	3.40E-01	2.26E-01	7.20E-02	2.95E-01	2.95E-01
	Rabbitbrush	CO	1	5	20	4.71E-02	1.00E-01	5.78E-02	2.36E-02	8.03E-02	8.03E-02
	Rabbitbrush	CR	5	5	100	1.70E-01	2.10E-01	1.90E-01	1.41E-02	2.03E-01	2.03E-01
	Rabbitbrush	CU	5	5	100	4.00E+00	5.30E+00	4.48E+00	5.54E-01	5.01E+00	5.01E+00
	Rabbitbrush	FE	5	5	100	2.92E+01	5.84E+01	4.11E+01	1.07E+01	5.13E+01	5.13E+01
	Rabbitbrush	HG	2	5	40	4.95E-03	2.00E-02	8.98E-03	6.53E-03	1.52E-02	1.52E-02
	Rabbitbrush	MN	5	5	100	1.02E+01	2.38E+01	1.61E+01	5.33E+00	2.12E+01	2.12E+01
	Rabbitbrush	NI	5	5	100	3.90E-01	1.30E+00	7.16E-01	3.65E-01	1.06E+00	1.06E+00
	Rabbitbrush	PB	5	5	100	8.60E-01	1.80E+00	1.19E+00	3.80E-01	1.55E+00	1.55E+00
	Rabbitbrush	SB	0	5	0	2.43E-01	2.60E-01	2.50E-01	6.96E-03	2.57E-01	2.60E-01
	Rabbitbrush	SE	0	5	0	2.08E-01	2.21E-01	2.14E-01	4.70E-03	2.18E-01	2.21E-01
	Rabbitbrush	V	1	5	20	3.92E-02	9.00E-02	4.95E-02	2.26E-02	7.11E-02	7.11E-02
	Rabbitbrush	ZN	5	5	100	9.00E+00	1.43E+01	1.22E+01	2.06E+00	1.41E+01	1.41E+01
	Sweetclover	AG	0	3	0	3.55E-02	3.58E-02	3.56E-02	1.80E-04	3.59E-02	3.58E-02
	Sweetclover	AL	3	3	100	1.94E+01	2.22E+01	2.04E+01	1.54E+00	2.30E+01	2.22E+01
	Sweetclover	AS	1	3	33	1.40E-01	4.30E-01	2.40E-01	1.65E-01	5.18E-01	4.30E-01
	Sweetclover	BA	3	3	100	1.08E+01	1.92E+01	1.42E+01	4.42E+00	2.17E+01	1.92E+01
	Sweetclover	BE	0	3	0	1.95E-03	2.00E-03	1.98E-03	2.89E-05	2.03E-03	2.00E-03
	Sweetclover	CD	1	3	33	6.44E-02	1.90E-01	1.06E-01	7.25E-02	2.29E-01	1.90E-01
	Sweetclover	CO	1	3	33	3.55E-02	9.00E-02	5.37E-02	3.15E-02	1.07E-01	9.00E-02
	Sweetclover	CR	3	3	100	1.90E-01	2.30E-01	2.10E-01	2.00E-02	2.44E-01	2.30E-01
	Sweetclover	CU	3	3	100	1.70E+00	2.10E+00	1.90E+00	2.00E-01	2.24E+00	2.10E+00
	Sweetclover	FE	3	3	100	2.38E+01	3.02E+01	2.71E+01	3.20E+00	3.25E+01	3.02E+01
	Sweetclover	HG	3	3	100	1.00E-02	1.00E-02	1.00E-02	1.65E-10	1.00E-02	1.00E-02
	Sweetclover	MN	3	3	100	5.10E+00	1.35E+01	9.27E+00	4.20E+00	1.63E+01	1.35E+01
	Sweetclover	NI	3	3	100	3.00E-01	4.60E-01	3.67E-01	8.33E-02	5.07E-01	4.60E-01
	Sweetclover	PB	3	3	100	6.40E-01	1.00E+00	8.37E-01	1.82E-01	1.14E+00	1.00E+00
	Sweetclover	SB	0	3	0	4.59E-01	4.76E-01	4.70E-01	1.01E-02	4.87E-01	4.76E-01
	Sweetclover	SE	0	3	0	2.85E-01	3.02E-01	2.96E-01	9.79E-03	3.13E-01	3.02E-01
	Sweetclover	V	0	3	0	6.10E-02	6.17E-02	6.13E-02	3.28E-04	6.19E-02	6.17E-02
	Sweetclover	ZN	3	3	100	1.90E+00	4.80E+00	3.03E+00	1.55E+00	5.65E+00	4.80E+00
RSA	Gumweed	AG	0	7	0	7.84E-02	7.86E-02	7.85E-02	8.59E-05	7.85E-02	7.86E-02

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
RSA (cont.)	Gumweed	AL	5	7	71	4.03E+01	3.01E+02	1.30E+02	9.43E+01	1.99E+02	1.99E+02
	Gumweed	AS	0	7	0	3.11E-01	3.15E-01	3.14E-01	1.94E-03	3.15E-01	3.15E-01
	Gumweed	BA	7	7	100	4.10E+00	2.31E+01	1.43E+01	6.64E+00	1.92E+01	1.92E+01
	Gumweed	BE	3	7	43	3.00E-03	2.00E-02	7.43E-03	6.45E-03	1.22E-02	1.22E-02
	Gumweed	CD	3	7	43	2.02E-01	9.40E-01	3.76E-01	2.73E-01	5.76E-01	5.76E-01
	Gumweed	CO	3	7	43	3.83E-02	1.20E-01	6.34E-02	3.33E-02	8.79E-02	8.79E-02
	Gumweed	CR	7	7	100	2.20E-01	6.50E-01	3.41E-01	1.48E-01	4.50E-01	4.50E-01
	Gumweed	CU	7	7	100	4.80E+00	1.35E+01	7.17E+00	3.45E+00	9.71E+00	9.71E+00
	Gumweed	FE	7	7	100	6.58E+01	2.81E+02	1.22E+02	7.42E+01	1.76E+02	1.76E+02
	Gumweed	HG	0	7	0	7.90E-03	9.90E-03	9.04E-03	1.03E-03	9.79E-03	9.90E-03
	Gumweed	MN	7	7	100	6.50E+00	6.34E+01	2.66E+01	1.81E+01	4.00E+01	4.00E+01
	Gumweed	NI	7	7	100	3.20E-01	4.70E+00	1.13E+00	1.59E+00	2.29E+00	2.29E+00
	Gumweed	PB	7	7	100	5.40E-01	1.50E+00	1.10E+00	4.49E-01	1.43E+00	1.43E+00
	Gumweed	SB	0	7	0	1.58E-01	1.65E-01	1.63E-01	2.48E-03	1.65E-01	1.65E-01
	Gumweed	SE	1	7	14	2.79E-01	5.70E-01	3.24E-01	1.08E-01	4.04E-01	4.04E-01
	Gumweed	V	4	7	57	5.35E-02	3.80E-01	1.56E-01	1.22E-01	2.45E-01	2.45E-01
	Gumweed	ZN	7	7	100	1.05E+01	2.43E+01	1.75E+01	5.25E+00	2.13E+01	2.13E+01
	Jackrabbit	AG	0	15	0	1.82E-01	1.86E-01	1.84E-01	1.17E-03	1.84E-01	1.86E-01
	Jackrabbit	AL	15	15	100	1.77E+01	1.53E+02	4.11E+01	3.37E+01	5.65E+01	5.65E+01
	Jackrabbit	AS	2	15	13	1.23E-01	3.60E-01	1.55E-01	7.22E-02	1.87E-01	1.87E-01
	Jackrabbit	BA	14	15	93	2.19E+00	1.25E+01	8.60E+00	3.01E+00	9.97E+00	9.97E+00
	Jackrabbit	BE	0	15	0	1.95E-03	2.00E-03	1.97E-03	2.58E-05	1.99E-03	2.00E-03
	Jackrabbit	CD	3	15	20	5.46E-02	1.40E-01	7.06E-02	2.94E-02	8.39E-02	8.39E-02
	Jackrabbit	CO	1	15	7	2.65E-02	1.00E-01	3.15E-02	1.89E-02	4.02E-02	4.02E-02
	Jackrabbit	CR	15	15	100	3.60E-01	5.40E-01	4.02E-01	4.43E-02	4.22E-01	4.22E-01
	Jackrabbit	CU	15	15	100	2.00E+00	2.90E+00	2.53E+00	2.63E-01	2.65E+00	2.65E+00
	Jackrabbit	FE	15	15	100	7.49E+01	1.81E+02	1.05E+02	2.61E+01	1.16E+02	1.16E+02
	Jackrabbit	HG	15	15	100	1.00E-02	3.00E-02	1.13E-02	5.16E-03	1.37E-02	1.37E-02
	Jackrabbit	MN	15	15	100	1.40E+00	7.10E+00	2.91E+00	1.36E+00	3.53E+00	3.53E+00
	Jackrabbit	NI	12	15	80	4.90E-02	1.60E-01	1.14E-01	3.60E-02	1.30E-01	1.30E-01
	Jackrabbit	PB	15	15	100	2.60E-01	5.67E+01	1.32E+01	1.65E+01	2.07E+01	2.07E+01
	Jackrabbit	SB	1	15	7	2.16E-01	2.20E+00	3.56E-01	5.10E-01	5.88E-01	5.88E-01
	Jackrabbit	SE	13	15	87	1.14E-01	6.20E-01	3.97E-01	1.52E-01	4.66E-01	4.66E-01
	Jackrabbit	V	1	15	7	2.75E-02	1.70E-01	3.71E-02	3.68E-02	5.38E-02	5.38E-02
	Jackrabbit	ZN	15	15	100	1.91E+01	2.33E+01	2.09E+01	1.40E+00	2.15E+01	2.15E+01
	Rabbitbrush	AG	0	15	0	7.94E-02	8.10E-02	8.02E-02	4.47E-04	8.04E-02	8.10E-02
	Rabbitbrush	AL	15	15	100	4.08E+01	2.10E+02	8.73E+01	4.23E+01	1.07E+02	1.07E+02
	Rabbitbrush	AS	7	15	47	1.20E-01	3.30E-01	2.01E-01	8.80E-02	2.41E-01	2.41E-01
	Rabbitbrush	BA	15	15	100	1.90E+00	7.20E+00	3.88E+00	1.74E+00	4.67E+00	4.67E+00
	Rabbitbrush	BE	0	15	0	2.95E-03	3.00E-03	2.96E-03	2.07E-05	2.97E-03	3.00E-03
	Rabbitbrush	CD	15	15	100	1.60E-01	5.90E-01	2.58E-01	1.02E-01	3.04E-01	3.04E-01

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
RSA (cont.)	Rabbitbrush	CO	0	15	0	4.71E-02	4.80E-02	4.75E-02	2.60E-04	4.76E-02	4.80E-02
	Rabbitbrush	CR	15	15	100	1.60E-01	3.50E-01	2.51E-01	5.90E-02	2.77E-01	2.77E-01
	Rabbitbrush	CU	15	15	100	2.50E+00	6.40E+00	4.33E+00	1.07E+00	4.82E+00	4.82E+00
	Rabbitbrush	FE	15	15	100	4.75E+01	1.86E+02	8.67E+01	3.69E+01	1.03E+02	1.03E+02
	Rabbitbrush	HG	14	15	93	4.95E-03	3.00E-02	1.10E-02	5.42E-03	1.35E-02	1.35E-02
	Rabbitbrush	MN	15	15	100	6.10E+00	4.71E+01	2.79E+01	1.27E+01	3.37E+01	3.37E+01
	Rabbitbrush	NI	15	15	100	3.00E-01	9.50E-01	6.08E-01	1.52E-01	6.77E-01	6.77E-01
	Rabbitbrush	PB	15	15	100	3.90E-01	2.70E+00	1.34E+00	6.42E-01	1.63E+00	1.63E+00
	Rabbitbrush	SB	0	15	0	2.41E-01	2.65E-01	2.53E-01	9.61E-03	2.57E-01	2.65E-01
	Rabbitbrush	SE	0	15	0	2.05E-01	2.23E-01	2.13E-01	5.17E-03	2.16E-01	2.23E-01
	Rabbitbrush	V	10	15	67	3.94E-02	2.70E-01	9.72E-02	6.34E-02	1.26E-01	1.26E-01
	Rabbitbrush	ZN	15	15	100	7.10E+00	1.60E+01	1.12E+01	2.11E+00	1.22E+01	1.22E+01
	Sweetclover	AG	0	15	0	3.53E-02	3.60E-02	3.56E-02	2.09E-04	3.57E-02	3.60E-02
	Sweetclover	AL	14	15	93	5.64E+00	6.50E+01	3.38E+01	1.57E+01	4.10E+01	4.10E+01
	Sweetclover	AS	4	15	27	1.46E-01	4.90E-01	2.21E-01	1.30E-01	2.80E-01	2.80E-01
	Sweetclover	BA	15	15	100	7.10E+00	2.70E+01	1.30E+01	5.31E+00	1.54E+01	1.54E+01
	Sweetclover	BE	0	15	0	1.95E-03	2.00E-03	1.98E-03	2.58E-05	1.99E-03	2.00E-03
	Sweetclover	CD	1	15	7	6.31E-02	1.60E-01	7.08E-02	2.47E-02	8.20E-02	8.20E-02
	Sweetclover	CO	7	15	47	3.53E-02	2.00E-01	7.30E-02	5.02E-02	9.58E-02	9.58E-02
	Sweetclover	CR	15	15	100	1.60E-01	3.60E-01	2.25E-01	5.90E-02	2.52E-01	2.52E-01
	Sweetclover	CU	15	15	100	2.00E+00	1.38E+01	4.44E+00	3.21E+00	5.90E+00	5.90E+00
	Sweetclover	FE	15	15	100	1.13E+01	8.45E+01	3.87E+01	1.89E+01	4.73E+01	4.73E+01
	Sweetclover	HG	11	15	73	4.90E-03	2.00E-02	9.99E-03	4.64E-03	1.21E-02	1.21E-02
	Sweetclover	MN	15	15	100	4.10E+00	1.66E+01	9.71E+00	3.30E+00	1.12E+01	1.12E+01
	Sweetclover	NI	15	15	100	2.60E-01	1.30E+00	4.96E-01	3.04E-01	6.34E-01	6.34E-01
	Sweetclover	PB	15	15	100	2.90E-01	6.70E-01	4.49E-01	1.15E-01	5.02E-01	5.02E-01
	Sweetclover	SB	0	15	0	4.85E-01	5.00E-01	4.97E-01	4.39E-03	4.99E-01	5.00E-01
	Sweetclover	SE	0	15	0	2.96E-01	3.05E-01	3.02E-01	2.38E-03	3.03E-01	3.05E-01
	Sweetclover	V	0	15	0	6.08E-02	6.19E-02	6.13E-02	3.64E-04	6.15E-02	6.19E-02
	Sweetclover	ZN	15	15	100	2.00E+00	1.88E+01	4.54E+00	4.14E+00	6.42E+00	6.42E+00
10[b]	*Jackrabbit*	*AL*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*4.33E+00*
	Jackrabbit	*AG*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*1.86E-01*
	Jackrabbit	*AS*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*1.34E-01*
	Jackrabbit	*CD*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*9.84E-02*
	Jackrabbit	*CU*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*8.74E-01*
	Jackrabbit	*HG*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*7.41E-03*
	Jackrabbit	*ZN*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*1.46E+01*
	Jackrabbit	*PB*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*1.84E+00*
	Jackrabbit	*BE*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*1.30E-03*
	Jackrabbit	*CO*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*2.61E-03*
	Jackrabbit	*CR*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*4.98E-02*

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
10 (cont.)	Jackrabbit	FE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+01
	Jackrabbit	MN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
	Jackrabbit	NI	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
	Jackrabbit	V	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
	Jackrabbit	BA	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E+00
	Jackrabbit	SE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
	Jackrabbit	SB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-01
11	Jackrabbit	AL	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
	Jackrabbit	AG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	Jackrabbit	AS	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
	Jackrabbit	CD	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-01
	Jackrabbit	CU	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E+01
	Jackrabbit	HG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-02
	Jackrabbit	ZN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+02
	Jackrabbit	PB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E+02
	Jackrabbit	BE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	Jackrabbit	CO	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
	Jackrabbit	CR	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
	Jackrabbit	FE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+01
	Jackrabbit	MN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
	Jackrabbit	NI	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
	Jackrabbit	V	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
	Jackrabbit	BA	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+01
	Jackrabbit	SE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
	Jackrabbit	SB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+01
12	Jackrabbit	AL	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
	Jackrabbit	AG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	Jackrabbit	AS	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
	Jackrabbit	CD	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-02
	Jackrabbit	CU	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
	Jackrabbit	HG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-03
	Jackrabbit	ZN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+01
	Jackrabbit	PB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+01
	Jackrabbit	BE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	Jackrabbit	CO	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
	Jackrabbit	CR	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
	Jackrabbit	FE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+01
	Jackrabbit	MN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
	Jackrabbit	NI	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
	Jackrabbit	V	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
	Jackrabbit	BA	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+01

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
12 (cont.)	Jackrabbit	SE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
	Jackrabbit	SB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
15	Jackrabbit	AL	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
	Jackrabbit	AG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	Jackrabbit	AS	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
	Jackrabbit	CD	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-01
	Jackrabbit	CU	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+02
	Jackrabbit	HG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-02
	Jackrabbit	ZN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+02
	Jackrabbit	PB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E+01
	Jackrabbit	BE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	Jackrabbit	CO	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
	Jackrabbit	CR	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
	Jackrabbit	FE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+01
	Jackrabbit	MN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
	Jackrabbit	NI	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
	Jackrabbit	V	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
	Jackrabbit	BA	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+01
	Jackrabbit	SE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-01
	Jackrabbit	SB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E+00
1B	Jackrabbit	AL	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
	Jackrabbit	AG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	Jackrabbit	AS	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
	Jackrabbit	CD	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-01
	Jackrabbit	CU	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
	Jackrabbit	HG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-03
	Jackrabbit	ZN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E+00
	Jackrabbit	PB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+01
	Jackrabbit	BE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	Jackrabbit	CO	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
	Jackrabbit	CR	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
	Jackrabbit	FE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+01
	Jackrabbit	MN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
	Jackrabbit	NI	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
	Jackrabbit	V	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
	Jackrabbit	BA	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+01
	Jackrabbit	SE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
	Jackrabbit	SB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-01
1C	Jackrabbit	AL	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
	Jackrabbit	AG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	Jackrabbit	AS	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
1C (cont.)	Jackrabbit	CD	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-02
	Jackrabbit	CU	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
	Jackrabbit	HG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-03
	Jackrabbit	ZN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E+00
	Jackrabbit	PB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E+00
	Jackrabbit	BE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	Jackrabbit	CO	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
	Jackrabbit	CR	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
	Jackrabbit	FE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+01
	Jackrabbit	MN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
	Jackrabbit	NI	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
	Jackrabbit	V	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
	Jackrabbit	BA	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+01
	Jackrabbit	SE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
	Jackrabbit	SB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-01
21	Jackrabbit	AL	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
	Jackrabbit	AG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	Jackrabbit	AS	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
	Jackrabbit	CD	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
	Jackrabbit	CU	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E+01
	Jackrabbit	HG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-03
	Jackrabbit	ZN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+01
	Jackrabbit	PB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E+02
	Jackrabbit	BE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	Jackrabbit	CO	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
	Jackrabbit	CR	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
	Jackrabbit	FE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+01
	Jackrabbit	MN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
	Jackrabbit	NI	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
	Jackrabbit	V	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
	Jackrabbit	BA	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E+01
	Jackrabbit	SE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
	Jackrabbit	SB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E+00
37	Jackrabbit	AL	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
	Jackrabbit	AG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	Jackrabbit	AS	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
	Jackrabbit	CD	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-02
	Jackrabbit	CU	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
	Jackrabbit	HG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-03
	Jackrabbit	ZN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E+00
	Jackrabbit	PB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+00

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
37 (cont.)	*Jackrabbit*	*BE*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*1.30E-03*
	Jackrabbit	*CO*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*2.61E-03*
	Jackrabbit	*CR*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*4.98E-02*
	Jackrabbit	*FE*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*4.77E+01*
	Jackrabbit	*MN*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*2.68E-01*
	Jackrabbit	*NI*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*4.96E-02*
	Jackrabbit	*V*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*2.77E-02*
	Jackrabbit	*BA*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*7.04E+00*
	Jackrabbit	*SE*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*3.84E-01*
	Jackrabbit	*SB*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*3.73E-01*
42	*Jackrabbit*	*AL*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*4.33E+00*
	Jackrabbit	*AG*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*1.86E-01*
	Jackrabbit	*AS*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*1.34E-01*
	Jackrabbit	*CD*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*6.80E-01*
	Jackrabbit	*CU*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*1.43E+01*
	Jackrabbit	*HG*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*1.10E-02*
	Jackrabbit	*ZN*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*4.47E+00*
	Jackrabbit	*PB*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*2.14E+02*
	Jackrabbit	*BE*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*1.30E-03*
	Jackrabbit	*CO*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*2.61E-03*
	Jackrabbit	*CR*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*4.98E-02*
	Jackrabbit	*FE*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*4.77E+01*
	Jackrabbit	*MN*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*2.68E-01*
	Jackrabbit	*NI*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*4.96E-02*
	Jackrabbit	*V*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*2.77E-02*
	Jackrabbit	*BA*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*3.89E+01*
	Jackrabbit	*SE*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*5.37E-01*
	Jackrabbit	*SB*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*9.38E+01*

Note.—Concentrations in ug/g (micrograms per gram) equivalent to ppm (parts per million).

[a]Not applicable.

[b]Italics indicate that Cterm value represents modeled or calculated data.

Summary Statistics for Metals in Biota (Invertebrates)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
10/11	Beetle	AG	0	2	0.00	0.041	0.042	0.042	0.000	0.043	0.042
	Beetle	AL	2	2	100.00	48.600	74.600	61.600	18.385	143.687	74.600
	Beetle	AS	2	2	100.00	1.500	2.300	1.900	0.566	4.426	2.300
	Beetle	BA	2	2	100.00	2.400	3.200	2.800	0.566	5.326	3.200
	Beetle	BE	0	2	0.00	0.002	0.002	0.002	0.000	0.002	0.002
	Beetle	CD	2	2	100.00	0.190	0.220	0.205	0.021	0.300	0.220
	Beetle	CO	2	2	100.00	0.070	0.110	0.090	0.028	0.216	0.110
	Beetle	CR	2	2	100.00	0.270	0.460	0.365	0.134	0.965	0.460
	Beetle	CU	2	2	100.00	7.100	7.200	7.150	0.071	7.466	7.200
	Beetle	FE	2	2	100.00	75.800	99.200	87.500	16.546	161.378	99.200
	Beetle	HG	2	2	100.00	0.020	0.020	0.020	0.000	NA[a]	0.020
	Beetle	MN	2	2	100.00	6.200	7.200	6.700	0.707	9.857	7.200
	Beetle	NI	0	2	0.00	0.194	0.196	0.195	0.002	0.202	0.196
	Beetle	PB	2	2	100.00	0.570	0.770	0.670	0.141	1.301	0.770
	Beetle	SB	2	2	100.00	0.240	0.280	0.260	0.028	0.386	0.280
	Beetle	SE	2	2	100.00	0.120	0.170	0.145	0.035	0.303	0.170
	Beetle	V	1	2	50.00	0.034	0.140	0.087	0.075	0.421	0.140
	Beetle	ZN	2	2	100.00	44.200	45.700	44.950	1.061	49.686	45.700
	Grasshopper	AG	0	3	0.00	0.041	0.042	0.042	0.000	0.042	0.042
	Grasshopper	AL	3	3	100.00	22.500	41.700	32.567	9.634	48.808	41.700
	Grasshopper	AS	2	3	66.67	0.089	0.280	0.186	0.096	0.348	0.280
	Grasshopper	BA	3	3	100.00	2.500	3.300	2.767	0.462	3.545	3.300
	Grasshopper	BE	0	3	0.00	0.00195	0.002	0.002	0.000	0.002	0.002
	Grasshopper	CD	3	3	100.00	0.2	0.26	0.233	0.031	0.285	0.26
	Grasshopper	CO	2	3	66.67	0.032845	0.07	0.058	0.021	0.094	0.07
	Grasshopper	CR	3	3	100.00	0.18	0.3	0.243	0.060	0.345	0.3
	Grasshopper	CU	3	3	100.00	32.8	38.7	36.267	3.083	41.464	38.7
	Grasshopper	FE	3	3	100.00	41.7	66.6	54.067	12.451	75.057	66.6
	Grasshopper	HG	2	3	66.67	0.0049	0.01	0.008	0.003	0.013	0.01
	Grasshopper	MN	1	3	33.33	1.9685	4.5	2.820	1.455	5.273	4.5
	Grasshopper	NI	0	3	0.00	0.1939	0.1962	0.195	0.001	0.197	0.1962
	Grasshopper	PB	3	3	100.00	0.47	0.87	0.630	0.212	0.987	0.87
	Grasshopper	SB	2	3	66.67	0.10395	0.29	0.225	0.105	0.401	0.29
	Grasshopper	SE	3	3	100.00	0.11	0.16	0.137	0.025	0.179	0.16
	Grasshopper	V	2	3	66.67	0.03485	0.09	0.068	0.029	0.118	0.09
	Grasshopper	ZN	3	3	100.00	56.1	58.3	57.433	1.172	59.409	58.3
12/15	Beetle	AG	0	1	0.00	0.042	0.042	0.042	NA	NA	0.042
	Beetle	AL	1	1	100.00	37.6	37.6	37.6	NA	NA	37.6
	Beetle	AS	1	1	100.00	2.9	2.9	2.9	NA	NA	2.9
	Beetle	BA	1	1	100.00	1.9	1.9	1.9	NA	NA	1.9
	Beetle	BE	0	1	0.00	0.002	0.002	0.002	NA	NA	0.002

Summary Statistics for Metals in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
12/15 (cont.)	Beetle	CD	1	1	100.00	0.22	0.22	0.22	NA	NA	0.22
	Beetle	CO	1	1	100.00	0.07	0.07	0.07	NA	NA	0.07
	Beetle	CR	1	1	100.00	0.28	0.28	0.28	NA	NA	0.28
	Beetle	CU	1	1	100.00	7.6	7.6	7.6	NA	NA	7.6
	Beetle	FE	1	1	100.00	69.7	69.7	69.7	NA	NA	69.7
	Beetle	HG	1	1	100.00	0.02	0.02	0.02	NA	NA	0.02
	Beetle	MN	1	1	100.00	5.7	5.7	5.7	NA	NA	5.7
	Beetle	NI	1	1	100.00	0.4	0.4	0.4	NA	NA	0.4
	Beetle	PB	1	1	100.00	0.85	0.85	0.85	NA	NA	0.85
	Beetle	SB	0	1	0.00	0.10195	0.10195	0.10195	NA	NA	0.10195
	Beetle	SE	1	1	100.00	0.19	0.19	0.19	NA	NA	0.19
	Beetle	V	0	1	0.00	0.035	0.035	0.035	NA	NA	0.035
	Beetle	ZN	1	1	100.00	53	53	53	NA	NA	53
	Grasshopper	AG	0	5	0.00	0.04125	0.04175	0.04158	0.000	0.042	0.042
	Grasshopper	AL	5	5	100.00	29.5	37.7	32.5	3.506	35.843	35.843
	Grasshopper	AS	1	5	20.00	0.08795	0.22	0.11641	0.058	0.172	0.172
	Grasshopper	BA	5	5	100.00	1.6	2.6	2.2	0.505	2.681	2.600
	Grasshopper	BE	0	5	0.00	0.00195	0.002	0.00199	0.000	0.002	0.002
	Grasshopper	CD	5	5	100.00	0.17	0.32	0.238	0.067	0.302	0.302
	Grasshopper	CO	3	5	60.00	0.0328	0.09	0.06312	0.028	0.090	0.090
	Grasshopper	CR	5	5	100.00	0.21	0.26	0.238	0.019	0.256	0.256
	Grasshopper	CU	5	5	100.00	20.4	25	22.78	2.089	24.771	24.771
	Grasshopper	FE	5	5	100.00	45.2	50	47.94	2.145	49.986	49.986
	Grasshopper	HG	1	5	20.00	0.00475	0.02	0.00791	0.007	0.014	0.014
	Grasshopper	MN	4	5	80.00	1.98805	5.4	4.01761	1.251	5.210	5.210
	Grasshopper	NI	1	5	20.00	0.1935	0.51	0.25789	0.141	0.392	0.392
	Grasshopper	PB	3	5	60.00	0.1476	0.57	0.32333	0.179	0.494	0.494
	Grasshopper	SB	5	5	100.00	0.2	0.29	0.25	0.037	0.285	0.285
	Grasshopper	SE	3	5	60.00	0.0463	0.16	0.09878	0.051	0.147	0.147
	Grasshopper	V	1	5	20.00	0.0344	0.08	0.04372	0.020	0.063	0.063
	Grasshopper	ZN	5	5	100.00	58	61.6	60.02	1.610	61.555	61.555
1b/1c	Beetle	AG	0	1	0.00	0.04165	0.04165	0.04165	NA	NA	0.042
	Beetle	AL	1	1	100.00	135	135	135	NA	NA	135
	Beetle	AS	1	1	100.00	0.4	0.4	0.4	NA	NA	0.4
	Beetle	BA	1	1	100.00	10	10	10	NA	NA	10
	Beetle	BE	1	1	100.00	0.01	0.01	0.01	NA	NA	0.01
	Beetle	CD	1	1	100.00	0.42	0.42	0.42	NA	NA	0.42
	Beetle	CO	1	1	100.00	0.16	0.16	0.16	NA	NA	0.16
	Beetle	CR	1	1	100.00	0.51	0.51	0.51	NA	NA	0.51
	Beetle	CU	1	1	100.00	7	7	7	NA	NA	7
	Beetle	FE	1	1	100.00	150	150	150	NA	NA	150

Summary Statistics for Metals in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
1b/1c (cont.)	Beetle	HG	1	1	100.00	0.02	0.02	0.02	NA	NA	0.02
	Beetle	MN	1	1	100.00	14.4	14.4	14.4	NA	NA	14.4
	Beetle	NI	1	1	100.00	0.87	0.87	0.87	NA	NA	0.87
	Beetle	PB	1	1	100.00	0.85	0.85	0.85	NA	NA	0.85
	Beetle	SB	1	1	100.00	0.26	0.26	0.26	NA	NA	0.26
	Beetle	SE	0	1	0.00	0.05	0.05	0.05	NA	NA	0.05
	Beetle	V	1	1	100.00	0.19	0.19	0.19	NA	NA	0.19
	Beetle	ZN	1	1	100.00	35.8	35.8	35.8	NA	NA	35.8
	Grasshopper	AG	2	2	100.00	0.1	0.1	0.1	0.000	NA	0.1
	Grasshopper	AL	2	2	100.00	76.9	81.2	79.05	3.041	92.626	81.200
	Grasshopper	AS	0	2	0.00	0.0896	0.0896	0.0896	0.000	NA	0.090
	Grasshopper	BA	2	2	100.00	3.8	5.9	4.85	1.485	11.480	5.900
	Grasshopper	BE	2	2	100.00	0.01	0.01	0.01	0.000	NA	0.010
	Grasshopper	CD	2	2	100.00	0.4	0.79	0.595	0.276	1.826	0.790
	Grasshopper	CO	2	2	100.00	0.13	0.14	0.135	0.007	0.167	0.140
	Grasshopper	CR	2	2	100.00	0.25	0.3	0.275	0.035	0.433	0.300
	Grasshopper	CU	2	2	100.00	26.9	31.5	29.2	3.253	43.723	31.500
	Grasshopper	FE	2	2	100.00	90	95.5	92.75	3.889	110.115	95.500
	Grasshopper	HG	2	2	100.00	0.01	0.02	0.015	0.007	0.047	0.020
	Grasshopper	MN	2	2	100.00	7.2	8	7.6	0.566	10.126	8.000
	Grasshopper	NI	0	2	0.00	0.19465	0.1962	0.195425	0.001	0.200	0.196
	Grasshopper	PB	2	2	100.00	0.34	0.38	0.36	0.028	0.486	0.380
	Grasshopper	SB	0	2	0.00	0.0972	0.10395	0.100575	0.005	0.122	0.104
	Grasshopper	SE	2	2	100.00	0.17	0.17	0.17	0.000	NA	0.170
	Grasshopper	V	2	2	100.00	0.13	0.14	0.135	0.007	0.167	0.140
	Grasshopper	ZN	2	2	100.00	52	60.8	56.4	6.223	84.183	60.800
21/37	Beetle	AG	0	1	0.00	0.04185	0.04185	0.04185	NA	NA	0.042
	Beetle	AL	1	1	100.00	71	71	71	NA	NA	71
	Beetle	AS	1	1	100.00	1.3	1.3	1.3	NA	NA	1.3
	Beetle	BA	1	1	100.00	6.6	6.6	6.6	NA	NA	6.6
	Beetle	BE	0	1	0.00	0.002	0.002	0.002	NA	NA	0.002
	Beetle	CD	1	1	100.00	0.91	0.91	0.91	NA	NA	0.91
	Beetle	CO	1	1	100.00	0.09	0.09	0.09	NA	NA	0.09
	Beetle	CR	1	1	100.00	0.32	0.32	0.32	NA	NA	0.32
	Beetle	CU	1	1	100.00	10.5	10.5	10.5	NA	NA	10.5
	Beetle	FE	1	1	100.00	93.7	93.7	93.7	NA	NA	93.7
	Beetle	HG	1	1	100.00	0.03	0.03	0.03	NA	NA	0.03
	Beetle	MN	1	1	100.00	7.4	7.4	7.4	NA	NA	7.4
	Beetle	NI	1	1	100.00	0.45	0.45	0.45	NA	NA	0.45
	Beetle	PB	1	1	100.00	14.1	14.1	14.1	NA	NA	14.1
	Beetle	SB	0	1	0.00	0.10395	0.10395	0.10395	NA	NA	0.10395

Summary Statistics for Metals in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
21/37 (cont.)	Beetle	SE	1	1	100.00	0.12	0.12	0.12	NA	NA	0.12
	Beetle	V	1	1	100.00	0.1	0.1	0.1	NA	NA	0.1
	Beetle	ZN	1	1	100.00	43	43	43	NA	NA	43
	Grasshopper	AG	1	4	25.00	0.0414	0.09	0.053825	0.024	0.082	0.082
	Grasshopper	AL	4	4	100.00	27.4	37.5	32.175	4.807	37.830	37.500
	Grasshopper	AS	0	4	0.00	0.08715	0.0896	0.088175	0.001	0.090	0.090
	Grasshopper	BA	4	4	100.00	1.9	3	2.275	0.499	2.862	2.862
	Grasshopper	BE	0	4	0.00	0.00195	0.002	0.0019875	0.000	0.002	0.002
	Grasshopper	CD	4	4	100.00	0.34	0.6	0.44	0.119	0.580	0.580
	Grasshopper	CO	2	4	50.00	0.033	0.07	0.0515	0.021	0.077	0.070
	Grasshopper	CR	4	4	100.00	0.21	0.24	0.2325	0.015	0.250	0.240
	Grasshopper	CU	4	4	100.00	32	39.5	35.3	3.295	39.177	39.177
	Grasshopper	FE	4	4	100.00	45.5	54.5	51.025	3.908	55.623	54.500
	Grasshopper	HG	3	4	75.00	0.00475	0.01	0.0086875	0.003	0.012	0.010
	Grasshopper	MN	4	4	100.00	4.3	5.7	4.85	0.597	5.553	5.553
	Grasshopper	NI	0	4	0.00	0.1943	0.197	0.196225	0.001	0.198	0.197
	Grasshopper	PB	4	4	100.00	0.51	1.2	0.8	0.312	1.167	1.167
	Grasshopper	SB	0	4	0.00	0.10195	0.10395	0.10245	0.001	0.104	0.104
	Grasshopper	SE	4	4	100.00	0.18	0.6	0.295	0.204	0.534	0.534
	Grasshopper	V	0	4	0.00	0.0345	0.035	0.0348625	0.000	0.035	0.035
	Grasshopper	ZN	4	4	100.00	55.3	60.6	57.65	2.210	60.250	60.250
42/45	Beetle	AG	0	2	0.00	0.04165	0.0419	0.041775	0.000	0.043	0.042
	Beetle	AL	2	2	100.00	69.2	117	93.1	33.800	244.014	117
	Beetle	AS	2	2	100.00	2.3	2.8	2.55	0.354	4.129	2.8
	Beetle	BA	2	2	100.00	3.5	5.7	4.6	1.556	11.546	5.7
	Beetle	BE	0	2	0.00	0.002	0.002	0.002	0.000	NA	0.002
	Beetle	CD	2	2	100.00	0.28	0.44	0.36	0.113	0.865	0.44
	Beetle	CO	2	2	100.00	0.12	0.15	0.135	0.021	0.230	0.15
	Beetle	CR	2	2	100.00	0.36	0.48	0.42	0.085	0.799	0.48
	Beetle	CU	2	2	100.00	8.4	12.2	10.3	2.687	22.297	12.2
	Beetle	FE	2	2	100.00	94.7	148	121.35	37.689	289.629	148
	Beetle	HG	2	2	100.00	0.02	0.03	0.025	0.007	0.057	0.03
	Beetle	MN	2	2	100.00	9.2	11.3	10.25	1.485	16.880	11.3
	Beetle	NI	2	2	100.00	0.48	0.88	0.68	0.283	1.943	0.88
	Beetle	PB	2	2	100.00	2.5	3.9	3.2	0.990	7.620	3.9
	Beetle	SB	1	2	50.00	0.0972	0.59	0.3436	0.348	1.899	0.59
	Beetle	SE	2	2	100.00	0.17	0.17	0.17	0.000	NA	0.17
	Beetle	V	2	2	100.00	0.17	0.24	0.205	0.049	0.426	0.24
	Beetle	ZN	2	2	100.00	53.5	56.9	55.2	2.404	65.934	56.9
	Grasshopper	AG	0	3	0.00	0.0414	0.04175	0.042	0.000	0.042	0.04175
	Grasshopper	AL	3	3	100.00	13.7	16.3	15.333	1.422	17.731	16.3

Summary Statistics for Metals in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
42/45 (cont.)	Grasshopper	AS	0	3	0.00	0.0905	0.095	0.093	0.002	0.097	0.095
	Grasshopper	BA	3	3	100.00	1.1	1.5	1.333	0.208	1.684	1.5
	Grasshopper	BE	0	3	0.00	0.00195	0.002	0.002	0.000	0.002	0.002
	Grasshopper	CD	3	3	100.00	0.29	0.36	0.327	0.035	0.386	0.36
	Grasshopper	CO	0	3	0.00	0.03255	0.0328	0.033	0.000	0.033	0.0328
	Grasshopper	CR	3	3	100.00	0.17	0.22	0.197	0.025	0.239	0.22
	Grasshopper	CU	3	3	100.00	21.5	24.2	22.567	1.436	24.988	24.2
	Grasshopper	FE	3	3	100.00	29.4	34	32.433	2.627	36.863	34
	Grasshopper	HG	3	3	100.00	0.01	0.01	0.01	0.000	0.01	0.01
	Grasshopper	MN	0	3	0.00	1.9724	1.98805	1.980	0.008	1.993	1.988
	Grasshopper	NI	3	3	100.00	0.75	0.79	0.773	0.021	0.808	0.79
	Grasshopper	PB	3	3	100.00	0.36	0.57	0.437	0.116	0.632	0.57
	Grasshopper	SB	0	3	0.00	0.1	0.105	0.103	0.003	0.107	0.105
	Grasshopper	SE	3	3	100.00	0.12	0.19	0.147	0.038	0.210	0.19
	Grasshopper	V	0	3	0.00	0.0345	0.0348	0.035	0.000	0.035	0.0348
	Grasshopper	ZN	3	3	100.00	58.8	60.5	59.433	0.929	61.000	60.5
RSA	Beetle	AG	0	3	0.00	0.0415	0.0419	0.042	0.000	0.042	0.0419
	Beetle	AL	3	3	100.00	156	194	173.667	19.140	205.934	194
	Beetle	AS	3	3	100.00	0.35	0.48	0.423	0.067	0.536	0.48
	Beetle	BA	3	3	100.00	2	2.6	2.267	0.306	2.782	2.6
	Beetle	BE	3	3	100.00	0.01	0.01	0.01	0.000	0.01	0.01
	Beetle	CD	3	3	100.00	0.11	0.15	0.137	0.023	0.176	0.15
	Beetle	CO	3	3	100.00	0.12	0.15	0.14	0.017	0.169	0.15
	Beetle	CR	3	3	100.00	0.34	0.43	0.387	0.045	0.463	0.43
	Beetle	CU	3	3	100.00	5.1	5.7	5.4	0.300	5.906	5.7
	Beetle	FE	3	3	100.00	185	213	198.667	14.012	222.289	213
	Beetle	HG	3	3	100.00	0.01	0.01	0.01	0.000	0.01	0.01
	Beetle	MN	3	3	100.00	8.4	10.4	9.467	1.007	11.164	10.4
	Beetle	NI	3	3	100.00	0.4	1	0.687	0.301	1.194	1
	Beetle	PB	2	3	66.67	0.15345	0.48	0.311	0.164	0.587	0.48
	Beetle	SB	1	3	33.33	0.09905	0.21	0.137	0.063	0.244	0.21
	Beetle	SE	2	3	66.67	0.0495	0.13	0.093	0.041	0.162	0.13
	Beetle	V	3	3	100.00	0.27	0.31	0.293	0.021	0.328	0.31
	Beetle	ZN	3	3	100.00	39.1	43.2	40.967	2.074	44.464	43.2
	Grasshopper	AG	1	10	10.00	0.04125	0.1	0.047	0.018	0.058	0.058
	Grasshopper	AL	10	10	100.00	38.6	71.2	57	9.369	62.431	62.431
	Grasshopper	AS	0	10	0.00	0.08795	0.09405	0.091	0.002	0.092	0.094
	Grasshopper	BA	10	10	100.00	1.5	2.4	1.83	0.283	1.994	1.994
	Grasshopper	BE	0	10	0.00	0.00195	0.002	0.002	0.000	0.002	0.002
	Grasshopper	CD	10	10	100.00	0.11	0.79	0.4	0.174	0.501	0.501
	Grasshopper	CO	10	10	100.00	0.08	0.15	0.103	0.019	0.114	0.114

Summary Statistics for Metals in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-µg/g
RSA (cont.)	Grasshopper	CR	10	10	100.00	0.25	0.47	0.328	0.068	0.368	0.368
	Grasshopper	CU	10	10	100.00	16.8	23.2	20.02	2.053	21.210	21.210
	Grasshopper	FE	10	10	100.00	55.1	89.6	74.19	9.607	79.759	79.759
	Grasshopper	HG	9	10	90.00	0.004795	0.01	0.0094795	0.002	0.010	0.010
	Grasshopper	MN	10	10	100.00	4.7	7.9	5.94	1.006	6.523	6.523
	Grasshopper	NI	8	10	80.00	0.19465	0.66	0.43105	0.141	0.513	0.513
	Grasshopper	PB	8	10	80.00	0.1435	0.79	0.4114	0.193	0.523	0.523
	Grasshopper	SB	0	10	0.00	0.0972	0.105	0.1023	0.003	0.104	0.105
	Grasshopper	SE	9	10	90.00	0.0463	0.23	0.16863	0.057	0.201	0.201
	Grasshopper	V	10	10	100.00	0.08	0.14	0.113	0.018	0.123	0.123
	Grasshopper	ZN	10	10	100.00	49.5	67.9	54.83	5.070	57.769	57.769

Note.—Concentrations in ug/g (micrograms per gram) equivalent to ppm (parts per million).
*Not applicable.

Final Hazard Quotients for Metals in Biota

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10	Gumweed	AG	4.40E-02	7.75E-05	2.05E-06	4.08E-06	4.08E-06	2.16E-03	1.63E-06	2.21E-05	1.50E-06	3.95E-02	ND
	Gumweed	AL	ND[a]	ND	ND	ND	ND	3.44E+00	4.04E-03	3.52E-02	2.99E-03	2.11E-01	5.50E-02
	Gumweed	AS	1.56E-01	2.75E-04	7.27E-06	1.45E-05	1.45E-05	9.23E-02	1.45E-04	1.58E-03	1.07E-04	3.15E-02	5.25E-03
	Gumweed	BA	7.94E-01	1.40E-03	3.70E-05	7.39E-05	7.39E-05	1.04E+00	1.64E-03	1.78E-02	1.21E-03	2.22E-02	ND
	Gumweed	BE	2.15E-04	3.78E-07	9.99E-09	2.00E-08	2.00E-08	7.88E-05	1.24E-07	1.34E-06	9.14E-08	3.00E-04	ND
	Gumweed	CD	2.19E+00	3.85E-03	1.02E-04	1.89E-04	1.89E-04	9.19E-02	1.44E-04	1.56E-03	1.06E-04	6.83E-02	1.03E-02
	Gumweed	CO	8.26E-04	1.45E-06	3.85E-08	7.69E-08	7.69E-08	4.65E-01	7.00E-04	7.61E-03	6.47E-04	5.00E-03	ND
	Gumweed	CR	1.76E+00	3.10E-03	8.20E-05	1.64E-04	1.64E-04	3.07E-02	2.89E-05	3.14E-04	1.71E-05	4.40E-03	8.25E-01
	Gumweed	CU	1.00E+00	1.77E-03	4.67E-05	9.35E-05	9.35E-05	1.90E+00	1.78E-03	1.94E-02	1.06E-03	8.00E-02	9.55E-02
	Gumweed	FE	2.65E+00	4.67E-03	1.23E-04	2.47E-04	2.47E-04	8.50E+00	1.33E-02	1.45E-01	9.84E-03	ND	1.49E-01
	Gumweed	HG	2.78E-02	4.88E-05	1.29E-06	2.58E-06	2.58E-06	1.13E-02	1.35E-05	1.46E-04	9.96E-06	3.33E-02	1.00E-02
	Gumweed	MN	3.89E-01	6.85E-04	1.81E-05	3.62E-05	3.62E-05	3.85E-01	6.04E-04	6.57E-03	4.46E-04	4.60E-02	ND
	Gumweed	NI	1.07E-01	1.89E-04	5.00E-06	9.99E-06	9.99E-06	1.59E-02	2.49E-05	2.71E-04	1.84E-05	1.80E-03	2.25E-03
	Gumweed	PB	4.79E-01	1.68E-04	2.23E-05	3.57E-05	3.57E-05	2.80E-01	4.38E-04	4.76E-03	3.24E-04	2.02E-03	1.65E-03
	Gumweed	SB	ND	ND	ND	ND	ND	3.07E-01	4.81E-04	5.23E-03	3.56E-04	3.30E-02	ND
	Gumweed	SE	3.04E+00	5.35E-03	1.42E-04	2.63E-04	2.63E-04	2.12E+00	2.49E-03	2.71E-02	1.84E-03	2.85E-01	4.07E-03
	Gumweed	V	ND	ND	ND	ND	ND	1.33E-01	9.93E-05	1.36E-03	9.11E-05	9.50E-02	ND
	Gumweed	ZN	6.17E+00	1.09E-02	2.87E-04	5.74E-04	5.74E-04	1.31E+00	9.88E-04	1.34E-02	9.14E-04	4.80E-01	1.20E-01
	Rabbitbrush	AG	4.49E-02	7.90E-05	2.09E-06	4.16E-06	4.16E-06	2.20E-03	1.66E-06	2.25E-05	1.53E-06	4.03E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	3.12E+00	3.68E-03	3.20E-02	2.72E-03	1.92E-01	5.00E-02
	Rabbitbrush	AS	2.38E-01	4.19E-04	1.11E-05	2.21E-05	2.21E-05	1.41E-01	2.21E-04	2.40E-03	1.63E-04	4.80E-02	8.00E-03
	Rabbitbrush	BA	4.44E-01	7.80E-04	2.06E-05	4.13E-05	4.13E-05	5.82E-01	9.16E-04	9.96E-03	6.74E-04	1.24E-02	ND
	Rabbitbrush	BE	2.15E-04	3.78E-07	9.99E-09	2.00E-08	2.00E-08	7.88E-05	1.24E-07	1.34E-06	9.14E-08	3.00E-04	ND
	Rabbitbrush	CD	1.17E+00	2.07E-03	5.47E-05	1.02E-04	1.02E-04	4.93E-02	7.70E-05	8.37E-04	5.69E-05	3.67E-02	5.50E-03
	Rabbitbrush	CO	3.94E-04	6.93E-07	1.83E-08	3.67E-08	3.67E-08	2.22E-01	3.34E-04	3.63E-03	3.09E-04	2.39E-03	ND
	Rabbitbrush	CR	1.65E+00	2.91E-03	7.70E-05	1.54E-04	1.54E-04	2.88E-02	2.71E-05	2.95E-04	1.60E-05	4.13E-03	7.75E-01
	Rabbitbrush	CU	1.23E+00	2.16E-03	5.72E-05	1.14E-04	1.14E-04	2.32E+00	2.18E-03	2.38E-02	1.29E-03	9.80E-02	1.17E-01
	Rabbitbrush	FE	2.42E+00	4.26E-03	1.13E-04	2.25E-04	2.25E-04	7.76E+00	1.22E-02	1.32E-01	8.98E-03	ND	1.36E-01
	Rabbitbrush	HG	5.55E-02	9.77E-05	2.58E-06	5.17E-06	5.17E-06	2.25E-02	2.69E-05	2.93E-04	1.99E-05	6.67E-02	2.00E-02
	Rabbitbrush	MN	3.57E-01	6.28E-04	1.66E-05	3.32E-05	3.32E-05	3.53E-01	5.54E-04	6.02E-03	4.09E-04	4.22E-02	ND
	Rabbitbrush	NI	1.69E-01	2.98E-04	7.88E-06	1.58E-05	1.58E-05	2.51E-02	3.93E-05	4.28E-04	2.91E-05	2.84E-03	3.55E-03
	Rabbitbrush	PB	8.14E-01	2.86E-04	3.79E-05	6.07E-05	6.07E-05	4.75E-01	7.44E-04	8.09E-03	5.50E-04	3.44E-03	2.81E-03
	Rabbitbrush	SB	ND	ND	ND	ND	ND	4.74E-01	7.43E-04	8.08E-03	5.50E-04	5.10E-02	ND
	Rabbitbrush	SE	2.22E+00	3.91E-03	1.04E-04	1.92E-04	1.92E-04	1.55E+00	1.82E-03	1.98E-02	1.35E-03	2.08E-01	2.98E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	1.54E-01	1.15E-04	1.58E-03	1.05E-04	1.10E-01	ND
	Rabbitbrush	ZN	5.96E+00	1.05E-02	2.78E-04	5.55E-04	5.55E-04	1.27E+00	9.55E-04	1.30E-02	8.83E-04	4.64E-01	1.16E-01
11	Gumweed	AG	4.40E-02	1.16E-04	3.07E-06	6.11E-06	6.11E-06	2.16E-03	2.44E-06	3.31E-05	2.25E-06	3.94E-02	ND
	Gumweed	AL	ND	ND	ND	ND	ND	3.33E+00	5.87E-03	5.10E-02	4.34E-03	2.04E-01	5.32E-02
	Gumweed	AS	1.53E-01	4.04E-04	1.07E-05	2.14E-05	2.14E-05	9.05E-02	2.13E-04	2.32E-03	1.58E-04	3.09E-02	5.15E-03
	Gumweed	BA	8.30E-01	2.19E-03	5.79E-05	1.16E-04	1.16E-04	1.09E+00	2.57E-03	2.79E-02	1.89E-03	2.32E-02	ND
	Gumweed	BE	2.15E-04	5.66E-07	1.50E-08	3.00E-08	3.00E-08	7.88E-05	1.85E-07	2.01E-06	1.37E-07	3.00E-04	ND

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10	Gumweed	AG	4.40E-02	7.75E-05	2.05E-06	4.08E-06	4.08E-06	2.16E-03	1.63E-06	2.21E-05	1.50E-06	3.95E-02	ND
	Gumweed	AL	ND	ND	ND	ND	ND	3.44E+00	4.04E-03	3.52E-02	2.99E-03	2.11E-01	5.50E-02
	Gumweed	AS	1.56E-01	2.75E-04	7.27E-06	1.45E-05	1.45E-05	9.23E-02	1.45E-04	1.58E-03	1.07E-04	3.15E-02	5.25E-03
	Gumweed	BA	7.94E-01	1.40E-03	3.70E-05	7.39E-05	7.39E-05	1.04E+00	1.64E-03	1.78E-02	1.21E-03	2.22E-02	ND
	Gumweed	BE	2.15E-04	3.78E-07	9.99E-09	2.00E-08	2.00E-08	7.88E-05	1.24E-07	1.34E-06	9.14E-08	3.00E-04	ND
	Gumweed	CD	2.19E+00	3.85E-03	1.02E-04	1.89E-04	1.89E-04	9.19E-02	1.44E-04	1.56E-03	1.06E-04	6.83E-02	1.03E-02
	Gumweed	CO	8.26E-04	1.45E-06	3.85E-08	7.69E-08	7.69E-08	4.65E-01	7.00E-04	7.61E-03	6.47E-04	5.00E-03	ND
	Gumweed	CR	1.76E+00	3.10E-03	8.20E-05	1.64E-04	1.64E-04	3.07E-02	2.89E-05	3.14E-04	1.71E-05	4.40E-03	8.25E-01
	Gumweed	CU	1.00E+00	1.77E-03	4.67E-05	9.35E-05	9.35E-05	1.90E+00	1.78E-03	1.94E-02	1.06E-03	8.00E-02	9.55E-02
	Gumweed	FE	2.65E+00	4.67E-03	1.23E-04	2.47E-04	2.47E-04	8.50E+00	1.33E-02	1.45E-01	9.84E-03	ND	1.49E-01
	Gumweed	HG	2.78E-02	4.88E-05	1.29E-06	2.58E-06	2.58E-06	1.13E-02	1.35E-05	1.46E-04	9.96E-06	3.33E-02	1.00E-02
	Gumweed	MN	3.89E-01	6.85E-04	1.81E-05	3.62E-05	3.62E-05	3.85E-01	6.04E-04	6.57E-03	4.46E-04	4.60E-02	ND
	Gumweed	NI	1.07E-01	1.89E-04	5.00E-06	9.99E-06	9.99E-06	1.59E-02	2.49E-05	2.71E-04	1.84E-05	1.80E-03	2.25E-03
	Gumweed	PB	4.79E-01	1.68E-04	2.23E-05	3.57E-05	3.57E-05	2.80E-01	4.38E-04	4.76E-03	3.24E-04	2.02E-03	1.65E-03
	Gumweed	SB	ND	ND	ND	ND	ND	3.07E-01	4.81E-04	5.23E-03	3.56E-04	3.30E-02	ND
	Gumweed	SE	3.04E+00	5.35E-03	1.42E-04	2.63E-04	2.63E-04	2.12E+00	2.49E-03	2.71E-02	1.84E-03	2.85E-01	4.07E-03
	Gumweed	V	ND	ND	ND	ND	ND	1.33E-01	9.93E-05	1.36E-03	9.11E-05	9.50E-02	ND
	Gumweed	ZN	6.17E+00	1.09E-02	2.87E-04	5.74E-04	5.74E-04	1.31E+00	9.88E-04	1.34E-02	9.14E-04	4.80E-01	1.20E-01
	Rabbitbrush	AG	4.49E-02	7.90E-05	2.09E-06	4.16E-06	4.16E-06	2.20E-03	1.66E-06	2.25E-05	1.53E-06	4.03E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	3.12E+00	3.68E-03	3.20E-02	2.72E-03	1.92E-01	5.00E-02
	Rabbitbrush	AS	2.38E-01	4.19E-04	1.11E-05	2.21E-05	2.21E-05	1.41E-01	2.21E-04	2.40E-03	1.63E-04	4.80E-02	8.00E-03
	Rabbitbrush	BA	4.44E-01	7.80E-04	2.06E-05	4.13E-05	4.13E-05	5.82E-01	9.16E-04	9.96E-03	6.74E-04	1.24E-02	ND
	Rabbitbrush	BE	2.15E-04	3.78E-07	9.99E-09	2.00E-08	2.00E-08	7.88E-05	1.24E-07	1.34E-06	9.14E-08	3.00E-04	ND
	Rabbitbrush	CD	1.17E+00	2.07E-03	5.47E-05	1.02E-04	1.02E-04	4.93E-02	7.70E-05	8.37E-04	5.69E-05	3.67E-02	5.50E-03
	Rabbitbrush	CO	3.94E-04	6.93E-07	1.83E-08	3.67E-08	3.67E-08	2.22E-01	3.34E-04	3.63E-03	3.09E-04	2.39E-03	ND
	Rabbitbrush	CR	1.65E+00	2.91E-03	7.70E-05	1.54E-04	1.54E-04	2.88E-02	2.71E-05	2.95E-04	1.60E-05	4.13E-03	7.75E-01
	Rabbitbrush	CU	1.23E+00	2.16E-03	5.72E-05	1.14E-04	1.14E-04	2.32E+00	2.18E-03	2.38E-02	1.29E-03	9.80E-02	1.17E-01
	Rabbitbrush	FE	2.42E+00	4.26E-03	1.13E-04	2.25E-04	2.25E-04	7.76E+00	1.22E-02	1.32E-01	8.98E-03	ND	1.36E-01
	Rabbitbrush	HG	5.55E-02	9.77E-05	2.58E-06	5.17E-06	5.17E-06	2.25E-02	2.69E-05	2.93E-04	1.99E-05	6.67E-02	2.00E-02
	Rabbitbrush	MN	3.57E-01	6.28E-04	1.66E-05	3.32E-05	3.32E-05	3.53E-01	5.54E-04	6.02E-03	4.09E-04	4.22E-02	ND
	Rabbitbrush	NI	1.69E-01	2.98E-04	7.88E-06	1.58E-05	1.58E-05	2.51E-02	3.93E-05	4.28E-04	2.91E-05	2.84E-03	3.55E-03
	Rabbitbrush	PB	8.14E-01	2.86E-04	3.79E-05	6.07E-05	6.07E-05	4.75E-01	7.44E-04	8.09E-03	5.50E-04	3.44E-03	2.81E-03
	Rabbitbrush	SB	ND	ND	ND	ND	ND	4.74E-01	7.43E-04	8.08E-03	5.50E-04	5.10E-02	ND
	Rabbitbrush	SE	2.22E+00	3.91E-03	1.04E-04	1.92E-04	1.92E-04	1.55E+00	1.82E-03	1.98E-02	1.35E-03	2.08E-01	2.98E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	1.54E-01	1.15E-04	1.58E-03	1.05E-04	1.10E-01	ND
	Rabbitbrush	ZN	5.96E+00	1.05E-02	2.78E-04	5.55E-04	5.55E-04	1.27E+00	9.55E-04	1.30E-02	8.83E-04	4.64E-01	1.16E-01
11	Gumweed	AG	4.40E-02	1.16E-04	3.07E-06	6.11E-06	6.11E-06	2.16E-03	2.44E-06	3.31E-05	2.25E-06	3.94E-02	ND
	Gumweed	AL	ND	ND	ND	ND	ND	3.33E+00	5.87E-03	5.10E-02	4.34E-03	2.04E-01	5.32E-02
	Gumweed	AS	1.53E-01	4.04E-04	1.07E-05	2.14E-05	2.14E-05	9.05E-02	2.13E-04	2.32E-03	1.58E-04	3.09E-02	5.15E-03
	Gumweed	BA	8.30E-01	2.19E-03	5.79E-05	1.16E-04	1.16E-04	1.09E+00	2.57E-03	2.79E-02	1.89E-03	2.32E-02	ND
	Gumweed	BE	2.15E-04	5.66E-07	1.50E-08	3.00E-08	3.00E-08	7.88E-05	1.85E-07	2.01E-06	1.37E-07	3.00E-04	ND

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
11 (cont.)	Gumweed	CD	2.15E+00	5.66E-03	1.50E-04	2.78E-04	2.78E-04	9.01E-02	2.11E-04	2.29E-03	1.56E-04	6.70E-02	1.01E-02
	Gumweed	CO	3.21E-04	8.48E-07	2.24E-08	4.49E-08	4.49E-08	1.81E-01	4.08E-04	4.44E-03	3.78E-04	1.94E-03	ND
	Gumweed	CR	1.65E+00	4.37E-03	1.16E-04	2.31E-04	2.31E-04	2.88E-02	4.07E-05	4.42E-04	2.41E-05	4.13E-03	7.75E-01
	Gumweed	CU	1.19E+00	3.15E-03	8.32E-05	1.66E-04	1.66E-04	2.25E+00	3.18E-03	3.45E-02	1.88E-03	9.50E-02	1.13E-01
	Gumweed	FE	2.17E+00	5.73E-03	1.52E-04	3.03E-04	3.03E-04	6.96E+00	1.64E-02	1.78E-01	1.21E-02	ND	1.22E-01
	Gumweed	HG	2.72E-02	7.18E-05	1.90E-06	3.80E-06	3.80E-06	1.10E-02	1.98E-05	2.15E-04	1.46E-05	3.27E-02	9.80E-03
	Gumweed	MN	3.10E-01	8.18E-04	2.16E-05	4.33E-05	4.33E-05	3.06E-01	7.21E-04	7.84E-03	5.33E-04	3.66E-02	ND
	Gumweed	NI	1.34E-01	3.52E-04	9.32E-06	1.86E-05	1.86E-05	1.98E-02	4.65E-05	5.06E-04	3.44E-05	2.24E-03	2.80E-03
	Gumweed	PB	6.70E-01	3.54E-04	4.68E-05	7.50E-05	7.50E-05	3.92E-01	9.19E-04	9.99E-03	6.80E-04	2.83E-03	2.31E-03
	Gumweed	SB	ND	ND	ND	ND	ND	3.07E-01	7.22E-04	7.85E-03	5.34E-04	3.30E-02	ND
	Gumweed	SE	2.98E+00	7.87E-03	2.08E-04	3.87E-04	3.87E-04	2.08E+00	3.67E-03	3.99E-02	2.71E-03	2.79E-01	3.99E-03
	Gumweed	V	ND	ND	ND	ND	ND	3.78E-02	4.22E-05	5.81E-04	3.88E-05	2.70E-02	ND
	Gumweed	ZN	5.47E+00	1.44E-02	3.82E-04	7.64E-04	7.64E-04	1.17E+00	1.32E-03	1.79E-02	1.22E-03	4.26E-01	1.07E-01
	Rabbitbrush	AG	4.50E-02	1.19E-04	3.14E-06	6.26E-06	6.26E-06	2.21E-03	2.49E-06	3.39E-05	2.30E-06	4.04E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	4.80E-01	8.47E-04	7.36E-03	6.26E-04	2.95E-02	7.68E-03
	Rabbitbrush	AS	1.78E-01	4.71E-04	1.25E-05	2.49E-05	2.49E-05	1.05E-01	2.49E-04	2.70E-03	1.84E-04	3.60E-02	6.00E-03
	Rabbitbrush	BA	3.72E-01	9.82E-04	2.60E-05	5.19E-05	5.19E-05	4.88E-01	1.15E-03	1.25E-02	8.48E-04	1.04E-02	ND
	Rabbitbrush	BE	2.15E-04	5.66E-07	1.50E-08	3.00E-08	3.00E-08	7.88E-05	1.85E-07	2.01E-06	1.37E-07	3.00E-04	ND
	Rabbitbrush	CD	5.54E-01	1.46E-03	3.87E-05	7.18E-05	7.18E-05	2.33E-02	5.45E-05	5.93E-04	4.03E-05	1.73E-02	2.60E-03
	Rabbitbrush	CO	3.95E-04	1.04E-06	2.76E-08	5.51E-08	5.51E-08	2.22E-01	5.02E-04	5.46E-03	4.64E-04	2.39E-03	ND
	Rabbitbrush	CR	8.54E-01	2.25E-03	5.96E-05	1.19E-04	1.19E-04	1.49E-02	2.10E-05	2.28E-04	1.24E-05	2.13E-03	4.00E-01
	Rabbitbrush	CU	5.52E-01	1.46E-03	3.86E-05	7.71E-05	7.71E-05	1.04E+00	1.47E-03	1.60E-02	8.72E-04	4.40E-02	5.25E-02
	Rabbitbrush	FE	4.84E-01	1.28E-03	3.38E-05	6.76E-05	6.76E-05	1.55E+00	3.65E-03	3.97E-02	2.69E-03	ND	2.72E-02
	Rabbitbrush	HG	2.78E-02	7.33E-05	1.94E-06	3.88E-06	3.88E-06	1.13E-02	2.02E-05	2.20E-04	1.49E-05	3.33E-02	1.00E-02
	Rabbitbrush	MN	1.40E-01	3.71E-04	9.81E-06	1.96E-05	1.96E-05	1.39E-01	3.27E-04	3.55E-03	2.42E-04	1.66E-02	ND
	Rabbitbrush	NI	1.65E-01	4.34E-04	1.15E-05	2.30E-05	2.30E-05	2.44E-02	5.73E-05	6.23E-04	4.24E-05	2.76E-03	3.45E-03
	Rabbitbrush	PB	3.69E-01	1.95E-04	2.57E-05	4.12E-05	4.12E-05	2.15E-01	5.05E-04	5.49E-03	3.74E-04	1.56E-03	1.27E-03
	Rabbitbrush	SB	ND	ND	ND	ND	ND	4.79E-01	1.13E-03	1.22E-02	8.33E-04	5.15E-02	ND
	Rabbitbrush	SE	2.27E+00	5.98E-03	1.58E-04	2.94E-04	2.94E-04	1.58E+00	2.79E-03	3.03E-02	2.06E-03	2.12E-01	3.03E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	2.80E-02	3.12E-05	4.29E-04	2.87E-05	1.99E-02	ND
	Rabbitbrush	ZN	2.83E+00	7.46E-03	1.97E-04	3.95E-04	3.95E-04	6.02E-01	6.79E-04	9.23E-03	6.28E-04	2.20E-01	5.50E-02
12	Rabbitbrush	AG	4.47E-02	5.90E-04	1.56E-05	3.11E-05	3.11E-05	2.19E-03	1.24E-05	1.68E-04	1.14E-05	4.01E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	1.17E+00	1.03E-02	8.97E-02	7.63E-03	7.18E-02	1.87E-02
	Rabbitbrush	AS	1.64E-01	2.16E-03	5.71E-05	1.14E-04	1.14E-04	9.67E-02	1.14E-03	1.24E-02	8.43E-04	3.30E-02	5.50E-03
	Rabbitbrush	BA	2.79E-01	3.68E-03	9.74E-05	1.95E-04	1.95E-04	3.66E-01	4.32E-03	4.70E-02	3.18E-03	7.80E-03	ND
	Rabbitbrush	BE	2.11E-04	2.79E-06	7.37E-08	1.47E-07	1.47E-07	7.74E-05	9.11E-07	9.91E-06	6.74E-07	2.95E-04	ND
	Rabbitbrush	CD	1.39E+00	1.83E-02	4.85E-04	9.00E-04	9.00E-04	5.83E-02	6.83E-04	7.42E-03	5.05E-04	4.33E-02	6.50E-03
	Rabbitbrush	CO	3.92E-04	5.18E-06	1.37E-07	2.74E-07	2.74E-07	2.21E-01	2.49E-03	2.71E-02	2.31E-03	2.38E-03	ND
	Rabbitbrush	CR	1.01E+00	1.34E-02	3.54E-04	7.08E-04	7.08E-04	1.77E-02	1.25E-04	1.36E-03	7.38E-05	2.53E-03	4.75E-01
	Rabbitbrush	CU	1.13E+00	1.49E-02	3.94E-04	7.89E-04	7.89E-04	2.13E+00	1.50E-02	1.64E-01	8.91E-03	9.00E-02	1.07E-01
	Rabbitbrush	FE	1.24E+00	1.63E-02	4.32E-04	8.65E-04	8.65E-04	3.97E+00	4.67E-02	5.08E-01	3.45E-02	ND	6.96E-02

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
12 (cont.)	Rabbitbrush	HG	1.37E-02	1.81E-04	4.80E-06	9.59E-06	9.59E-06	5.58E-03	5.00E-05	5.43E-04	3.70E-05	1.65E-02	4.95E-03
	Rabbitbrush	MN	2.17E-01	2.86E-03	7.56E-05	1.51E-04	1.51E-04	2.14E-01	2.52E-03	2.74E-02	1.86E-03	2.56E-02	ND
	Rabbitbrush	NI	2.07E-01	2.74E-03	7.24E-05	1.45E-04	1.45E-04	3.07E-02	3.61E-04	3.93E-03	2.67E-04	3.48E-03	4.35E-03
	Rabbitbrush	PB	1.01E+00	2.65E-03	3.51E-04	5.62E-04	5.62E-04	5.87E-01	6.89E-03	7.49E-02	5.10E-03	4.25E-03	3.47E-03
	Rabbitbrush	SB	ND	ND	ND	ND	ND	4.88E-01	5.74E-03	6.24E-02	4.25E-03	5.25E-02	ND
	Rabbitbrush	SE	2.33E+00	3.08E-02	8.14E-04	1.51E-03	1.51E-03	1.63E+00	1.43E-02	1.56E-01	1.06E-02	2.18E-01	3.12E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	7.72E-02	4.31E-04	5.92E-03	3.95E-04	5.50E-02	ND
	Rabbitbrush	ZN	1.03E+01	1.36E-01	3.60E-03	7.20E-03	7.20E-03	2.19E+00	1.24E-02	1.68E-01	1.14E-02	8.02E-01	2.01E-01
	Sweetclover	AG	2.00E-02	2.63E-04	6.97E-06	1.39E-05	1.39E-05	9.79E-04	5.53E-06	7.51E-05	5.11E-06	1.79E-02	ND
	Sweetclover	AL	ND	ND	ND	ND	ND	1.25E-01	1.11E-03	9.62E-03	8.17E-04	7.69E-03	2.01E-03
	Sweetclover	AS	2.68E-01	3.53E-03	9.34E-05	1.87E-04	1.87E-04	1.58E-01	1.87E-03	2.03E-02	1.38E-03	5.40E-02	9.00E-03
	Sweetclover	BA	5.80E-01	7.65E-03	2.02E-04	4.05E-04	4.05E-04	7.61E-01	8.97E-03	9.76E-02	6.61E-03	1.62E-02	ND
	Sweetclover	BE	1.43E-04	1.89E-06	5.00E-08	9.99E-08	9.99E-08	5.25E-05	6.18E-07	6.72E-06	4.57E-07	2.00E-04	ND
	Sweetclover	CD	6.87E-01	9.07E-03	2.40E-04	4.45E-04	4.45E-04	2.88E-02	3.38E-04	3.67E-03	2.50E-04	2.15E-02	3.22E-03
	Sweetclover	CO	8.26E-04	1.09E-05	2.88E-07	5.77E-07	5.77E-07	4.65E-01	5.25E-03	5.71E-02	4.85E-03	5.00E-03	ND
	Sweetclover	CR	8.54E-01	1.13E-02	2.98E-04	5.96E-04	5.96E-04	1.49E-02	1.05E-04	1.14E-03	6.21E-05	2.13E-03	4.00E-01
	Sweetclover	CU	3.01E-01	3.97E-03	1.05E-04	2.10E-04	2.10E-04	5.69E-01	4.01E-03	4.36E-02	2.38E-03	2.40E-02	2.86E-02
	Sweetclover	FE	2.60E-01	3.43E-03	9.07E-05	1.81E-04	1.81E-04	8.33E-01	9.80E-03	1.07E-01	7.23E-03	ND	1.46E-02
	Sweetclover	HG	2.78E-02	3.66E-04	9.69E-06	1.94E-05	1.94E-05	1.13E-02	1.01E-04	1.10E-03	7.47E-05	3.33E-02	1.00E-02
	Sweetclover	MN	1.88E-01	2.48E-03	6.56E-05	1.31E-04	1.31E-04	1.86E-01	2.19E-03	2.38E-02	1.62E-03	2.22E-02	ND
	Sweetclover	NI	2.62E-01	3.46E-03	9.16E-05	1.83E-04	1.83E-04	3.89E-02	4.57E-04	4.97E-03	3.38E-04	4.40E-03	5.50E-03
	Sweetclover	PB	2.78E-01	7.33E-04	9.69E-05	1.55E-04	1.55E-04	1.62E-01	1.90E-03	2.07E-02	1.41E-03	1.17E-03	9.57E-04
	Sweetclover	SB	ND	ND	ND	ND	ND	8.86E-01	1.04E-02	1.13E-01	7.70E-03	9.52E-02	ND
	Sweetclover	SE	3.22E+00	4.25E-02	1.13E-03	2.09E-03	2.09E-03	2.25E+00	1.98E-02	2.16E-01	1.47E-02	3.02E-01	4.31E-03
	Sweetclover	V	ND	ND	ND	ND	ND	4.33E-02	2.42E-04	3.32E-03	2.22E-04	3.08E-02	ND
	Sweetclover	ZN	5.91E-01	7.80E-03	2.06E-04	4.13E-04	4.13E-04	1.26E-01	7.10E-04	9.65E-03	6.57E-04	4.60E-02	1.15E-02
15	Gumweed	AG	4.40E-02	1.93E-03	5.11E-05	1.02E-04	1.02E-04	2.16E-03	4.06E-05	5.52E-04	3.75E-05	3.94E-02	ND
	Gumweed	AL	ND	ND	ND	ND	ND	8.98E-01	2.64E-02	2.30E-01	1.95E-02	5.51E-02	1.44E-02
	Gumweed	AS	1.55E-01	6.80E-03	1.80E-04	3.60E-04	3.60E-04	9.14E-02	3.59E-03	3.90E-02	2.66E-03	3.12E-02	5.20E-03
	Gumweed	BA	1.86E-01	8.18E-03	2.16E-04	4.33E-04	4.33E-04	2.44E-01	9.60E-03	1.04E-01	7.07E-03	5.20E-03	ND
	Gumweed	BE	2.15E-04	9.44E-06	2.50E-07	5.00E-07	5.00E-07	7.88E-05	3.09E-06	3.36E-05	2.28E-06	3.00E-04	ND
	Gumweed	CD	5.66E+01	2.49E+00	6.58E-02	1.22E-01	1.22E-01	2.38E+00	9.28E-02	1.01E+00	6.86E-02	1.77E+00	2.65E-01
	Gumweed	CO	3.21E-04	1.41E-05	3.74E-07	7.48E-07	7.48E-07	1.81E-01	6.81E-03	7.40E-02	6.29E-03	1.94E-03	ND
	Gumweed	CR	1.07E+00	4.70E-02	1.24E-03	2.48E-03	2.48E-03	1.86E-02	4.38E-04	4.76E-03	2.59E-04	2.67E-03	5.00E-01
	Gumweed	CU	1.13E+00	4.97E-02	1.31E-03	2.63E-03	2.63E-03	2.13E+00	5.02E-02	5.45E-01	2.97E-02	9.00E-02	1.07E-01
	Gumweed	FE	5.47E-01	2.41E-02	6.36E-04	1.27E-03	1.27E-03	1.75E+00	6.88E-02	7.48E-01	5.07E-02	ND	3.07E-02
	Gumweed	HG	2.72E-02	1.20E-03	3.17E-05	6.33E-05	6.33E-05	1.10E-02	3.30E-04	3.59E-03	2.44E-04	3.27E-02	9.80E-03
	Gumweed	MN	1.18E-01	5.21E-03	1.38E-04	2.76E-04	2.76E-04	1.17E-01	4.59E-03	5.00E-02	3.40E-03	1.40E-02	ND
	Gumweed	NI	1.76E-01	7.76E-03	2.05E-04	4.11E-04	4.11E-04	2.61E-02	1.02E-03	1.11E-02	7.58E-04	2.96E-03	3.70E-03
	Gumweed	PB	6.22E-01	5.47E-03	7.24E-04	1.16E-03	1.16E-03	3.64E-01	1.42E-02	1.55E-01	1.05E-02	2.63E-03	2.15E-03
	Gumweed	SB	ND	ND	ND	ND	ND	2.95E-01	1.16E-02	1.26E-01	8.56E-03	3.17E-02	ND

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
15 (cont.)	Gumweed	SE	3.01E+00	1.33E-01	3.51E-03	6.51E-03	6.51E-03	2.10E+00	6.17E-02	6.71E-01	4.57E-02	2.82E-01	4.03E-03
	Gumweed	V	ND	ND	ND	ND	ND	3.78E-02	7.04E-04	9.68E-03	6.46E-04	2.70E-02	ND
	Gumweed	ZN	3.75E+01	1.65E+00	4.37E-02	8.73E-02	8.73E-02	7.99E+00	1.50E-01	2.04E+00	1.39E-01	2.92E+00	7.30E-01
	Rabbitbrush	AG	4.51E-02	1.98E-03	5.24E-05	1.04E-04	1.04E-04	2.21E-03	4.16E-05	5.66E-04	3.85E-05	4.04E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	3.08E+00	9.06E-02	7.88E-01	6.69E-02	1.89E-01	4.93E-02
	Rabbitbrush	AS	2.63E-01	1.16E-02	3.06E-04	6.11E-04	6.11E-04	1.55E-01	6.10E-03	6.64E-02	4.51E-03	5.30E-02	8.83E-03
	Rabbitbrush	BA	1.86E-01	8.18E-03	2.16E-04	4.33E-04	4.33E-04	2.44E-01	9.60E-03	1.04E-01	7.07E-03	5.20E-03	ND
	Rabbitbrush	BE	2.15E-04	9.44E-06	2.50E-07	5.00E-07	5.00E-07	7.88E-05	3.09E-06	3.36E-05	2.28E-06	3.00E-04	ND
	Rabbitbrush	CD	1.82E+01	7.98E-01	2.11E-02	3.92E-02	3.92E-02	7.62E-01	2.98E-02	3.23E-01	2.20E-02	5.67E-01	8.50E-02
	Rabbitbrush	CO	3.96E-04	1.74E-05	4.60E-07	9.21E-07	9.21E-07	2.23E-01	8.38E-03	9.11E-02	7.75E-03	2.40E-03	ND
	Rabbitbrush	CR	2.30E+00	1.01E-01	2.67E-03	5.34E-03	5.34E-03	4.00E-02	9.41E-04	1.02E-02	5.57E-04	5.73E-03	1.08E+00
	Rabbitbrush	CU	1.33E+00	5.85E-02	1.55E-03	3.10E-03	3.10E-03	2.51E+00	5.91E-02	6.42E-01	3.50E-02	1.06E-01	1.26E-01
	Rabbitbrush	FE	2.67E+00	1.17E-01	3.11E-03	6.21E-03	6.21E-03	8.56E+00	3.36E-01	3.65E+00	2.48E-01	ND	1.50E-01
	Rabbitbrush	HG	1.39E-02	6.11E-04	1.62E-05	3.23E-05	3.23E-05	5.64E-03	1.68E-04	1.83E-03	1.24E-04	1.67E-02	5.00E-03
	Rabbitbrush	MN	3.40E-01	1.50E-02	3.96E-04	7.92E-04	7.92E-04	3.37E-01	1.32E-02	1.43E-01	9.75E-03	4.02E-02	ND
	Rabbitbrush	NI	2.86E-01	1.26E-02	3.33E-04	6.66E-04	6.66E-04	4.24E-02	1.66E-03	1.81E-02	1.23E-03	4.80E-03	6.00E-03
	Rabbitbrush	PB	1.34E+00	1.18E-02	1.56E-03	2.50E-03	2.50E-03	7.83E-01	3.06E-02	3.33E-01	2.27E-02	5.67E-03	4.62E-03
	Rabbitbrush	SB	ND	ND	ND	ND	ND	4.74E-01	1.86E-02	2.02E-01	1.37E-02	5.10E-02	ND
	Rabbitbrush	SE	2.40E+00	1.06E-01	2.80E-03	5.19E-03	5.19E-03	1.67E+00	4.92E-02	5.35E-01	3.64E-02	2.25E-01	3.21E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	1.61E-01	3.00E-03	4.13E-02	2.76E-03	1.15E-01	ND
	Rabbitbrush	ZN	2.62E+01	1.15E+00	3.05E-02	6.10E-02	6.10E-02	5.58E+00	1.05E-01	1.43E+00	9.71E-02	2.04E+00	5.10E-01
	Sweetclover	AG	2.00E-02	8.78E-04	2.32E-05	4.63E-05	4.63E-05	9.79E-04	1.84E-05	2.50E-04	1.70E-05	1.79E-02	ND
	Sweetclover	AL	ND	ND	ND	ND	ND	1.48E+00	4.35E-02	3.78E-01	3.21E-02	9.07E-02	2.36E-02
	Sweetclover	AS	4.51E-01	1.98E-02	5.25E-04	1.05E-03	1.05E-03	2.67E-01	1.05E-02	1.14E-01	7.75E-03	9.10E-02	1.52E-02
	Sweetclover	BA	1.14E+00	5.04E-02	1.33E-03	2.66E-03	2.66E-03	1.50E+00	5.91E-02	6.42E-01	4.35E-02	3.20E-02	ND
	Sweetclover	BE	1.43E-04	6.29E-06	1.67E-07	3.33E-07	3.33E-07	5.25E-05	2.06E-06	2.24E-05	1.52E-06	2.00E-04	ND
	Sweetclover	CD	3.84E+00	1.69E-01	4.47E-03	8.31E-03	8.31E-03	1.61E-01	6.30E-03	6.85E-02	4.66E-03	1.20E-01	1.80E-02
	Sweetclover	CO	9.91E-04	4.36E-05	1.15E-06	2.31E-06	2.31E-06	5.58E-01	2.10E-02	2.28E-01	1.94E-02	6.00E-03	ND
	Sweetclover	CR	1.82E+00	7.98E-02	2.11E-03	4.22E-03	4.22E-03	3.16E-02	7.44E-04	8.09E-03	4.40E-04	4.53E-03	8.50E-01
	Sweetclover	CU	5.15E-01	2.26E-02	5.99E-04	1.20E-03	1.20E-03	9.71E-01	2.29E-02	2.48E-01	1.35E-02	4.10E-02	4.89E-02
	Sweetclover	FE	1.30E+00	5.71E-02	1.51E-03	3.02E-03	3.02E-03	4.16E+00	1.63E-01	1.77E+00	1.20E-01	ND	7.29E-02
	Sweetclover	HG	2.78E-02	1.22E-03	3.23E-05	6.46E-05	6.46E-05	1.13E-02	3.37E-04	3.66E-03	2.49E-04	3.33E-02	1.00E-02
	Sweetclover	MN	1.03E-01	4.54E-03	1.20E-04	2.40E-04	2.40E-04	1.02E-01	4.00E-03	4.35E-02	2.96E-03	1.22E-02	ND
	Sweetclover	NI	1.03E-01	4.51E-03	1.19E-04	2.39E-04	2.39E-04	1.52E-02	5.95E-04	6.47E-03	4.40E-04	1.72E-03	2.15E-03
	Sweetclover	PB	9.09E-01	8.00E-03	1.06E-03	1.70E-03	1.70E-03	5.31E-01	2.08E-02	2.26E-01	1.54E-02	3.85E-03	3.14E-03
	Sweetclover	SB	ND	ND	ND	ND	ND	8.53E-01	3.34E-02	3.64E-01	2.47E-02	9.17E-02	ND
	Sweetclover	SE	3.22E+00	1.42E-01	3.75E-03	6.97E-03	6.97E-03	2.25E+00	6.61E-02	7.18E-01	4.89E-02	3.02E-01	4.31E-03
	Sweetclover	V	ND	ND	ND	ND	ND	4.33E-02	8.05E-04	1.11E-02	7.39E-04	3.08E-02	ND
	Sweetclover	ZN	3.08E+00	1.36E-01	3.59E-03	7.18E-03	7.18E-03	6.56E-01	1.24E-02	1.68E-01	1.14E-02	2.40E-01	6.00E-02
1b	Gumweed	AG	4.40E-02	1.93E-05	5.11E-07	1.02E-06	1.02E-06	2.05E-03	4.06E-07	5.52E-06	3.75E-07	3.94E-02	ND
	Gumweed	AL	ND	ND	ND	ND	ND	5.65E+00	1.75E-03	1.52E-02	1.29E-03	3.64E-01	9.50E-02

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1b (cont.)	Gumweed	AS	1.55E-01	6.80E-05	1.80E-06	3.60E-06	3.60E-06	8.70E-02	3.59E-05	3.90E-04	2.66E-05	3.12E-02	5.20E-03
	Gumweed	BA	1.24E+00	5.44E-04	1.44E-05	2.88E-05	2.88E-05	1.55E+00	6.39E-04	6.95E-03	4.70E-04	3.46E-02	ND
	Gumweed	BE	2.15E-04	9.44E-08	2.50E-09	5.00E-09	5.00E-09	7.50E-05	3.09E-08	3.36E-07	2.28E-08	3.00E-04	ND
	Gumweed	CD	4.27E+01	1.88E-02	4.97E-04	9.23E-04	9.23E-04	1.71E+00	7.00E-04	7.61E-03	5.18E-04	1.33E+00	2.00E-01
	Gumweed	CO	7.44E-04	3.27E-07	8.65E-09	1.73E-08	1.73E-08	3.99E-01	1.58E-04	1.71E-03	1.46E-04	4.50E-03	ND
	Gumweed	CR	2.51E+00	1.10E-03	2.92E-05	5.84E-05	5.84E-05	4.16E-02	1.03E-05	1.12E-04	6.08E-06	6.27E-03	1.18E+00
	Gumweed	CU	1.29E+00	5.69E-04	1.50E-05	3.01E-05	3.01E-05	2.32E+00	5.74E-04	6.24E-03	3.40E-04	1.03E-01	1.23E-01
	Gumweed	FE	3.52E+00	1.55E-03	4.10E-05	8.20E-05	8.20E-05	1.08E+01	4.43E-03	4.82E-02	3.27E-03	ND	1.98E-01
	Gumweed	HG	2.76E-02	1.21E-05	3.21E-07	6.43E-07	6.43E-07	1.07E-02	3.35E-06	3.64E-05	2.48E-06	3.32E-02	9.95E-03
	Gumweed	MN	4.60E-01	2.03E-04	5.36E-06	1.07E-05	1.07E-05	4.34E-01	1.79E-04	1.94E-03	1.32E-04	5.44E-02	ND
	Gumweed	NI	1.24E-01	5.45E-05	1.44E-06	2.89E-06	2.89E-06	1.75E-02	7.20E-06	7.83E-05	5.32E-06	2.08E-03	2.60E-03
	Gumweed	PB	8.14E-01	7.16E-05	9.47E-06	1.52E-05	1.52E-05	4.53E-01	1.86E-04	2.02E-03	1.38E-04	3.44E-03	2.81E-03
	Gumweed	SB	ND	ND	ND	ND	ND	2.89E-01	1.19E-04	1.30E-03	8.81E-05	3.27E-02	ND
	Gumweed	SE	3.01E+00	1.33E-03	3.51E-05	6.51E-05	6.51E-05	2.00E+00	6.17E-04	6.71E-03	4.57E-04	2.82E-01	4.03E-03
	Gumweed	V	ND	ND	ND	ND	ND	2.34E-01	4.57E-05	6.28E-04	4.19E-05	1.75E-01	ND
	Gumweed	ZN	1.41E+01	6.18E-03	1.64E-04	3.27E-04	3.27E-04	2.85E+00	5.63E-04	7.65E-03	5.21E-04	1.09E+00	2.74E-01
	Rabbitbrush	AG	4.43E-02	1.95E-05	5.16E-07	1.03E-06	1.03E-06	2.07E-03	4.09E-07	5.57E-06	3.79E-07	3.98E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	1.06E+00	3.28E-04	2.85E-03	2.43E-04	6.85E-02	1.79E-02
	Rabbitbrush	AS	1.24E-01	5.45E-05	1.44E-06	2.88E-06	2.88E-06	6.97E-02	2.88E-05	3.13E-04	2.13E-05	2.50E-02	4.17E-03
	Rabbitbrush	BA	6.58E-01	2.90E-04	7.66E-06	1.53E-05	1.53E-05	8.23E-01	3.40E-04	3.69E-03	2.50E-04	1.84E-02	ND
	Rabbitbrush	BE	2.11E-04	9.28E-08	2.46E-09	4.91E-09	4.91E-09	7.38E-05	3.04E-08	3.30E-07	2.25E-08	2.95E-04	ND
	Rabbitbrush	CD	4.59E+00	2.02E-03	5.34E-05	9.92E-05	9.92E-05	1.84E-01	7.53E-05	8.18E-04	5.57E-05	1.43E-01	2.15E-02
	Rabbitbrush	CO	8.26E-04	3.63E-07	9.61E-09	1.92E-08	1.92E-08	4.43E-01	1.75E-04	1.90E-03	1.62E-04	5.00E-03	ND
	Rabbitbrush	CR	1.17E+00	5.17E-04	1.37E-05	2.73E-05	2.73E-05	1.95E-02	4.81E-06	5.23E-05	2.85E-06	2.93E-03	5.50E-01
	Rabbitbrush	CU	8.28E-01	3.64E-04	9.64E-06	1.93E-05	1.93E-05	1.49E+00	3.68E-04	4.00E-03	2.18E-04	6.60E-02	7.88E-02
	Rabbitbrush	FE	1.15E+00	5.08E-04	1.34E-05	2.69E-05	2.69E-05	3.53E+00	1.45E-03	1.58E-02	1.07E-03	ND	6.49E-02
	Rabbitbrush	HG	2.78E-02	1.22E-05	3.23E-07	6.46E-07	6.46E-07	1.07E-02	3.37E-06	3.66E-05	2.49E-06	3.33E-02	1.00E-02
	Rabbitbrush	MN	7.21E-01	3.17E-04	8.39E-06	1.68E-05	1.68E-05	6.79E-01	2.80E-04	3.04E-03	2.07E-04	8.52E-02	ND
	Rabbitbrush	NI	1.43E-01	6.29E-05	1.67E-06	3.33E-06	3.33E-06	2.02E-02	8.31E-06	9.03E-05	6.14E-06	2.40E-03	3.00E-03
	Rabbitbrush	PB	2.35E-01	2.06E-05	2.73E-06	4.37E-06	4.37E-06	1.31E-01	5.36E-05	5.83E-04	3.96E-05	9.92E-04	8.09E-04
	Rabbitbrush	SB	ND	ND	ND	ND	ND	4.65E-01	1.91E-04	2.08E-03	1.42E-04	5.25E-02	ND
	Rabbitbrush	SE	2.31E+00	1.02E-03	2.69E-05	4.99E-05	4.99E-05	1.53E+00	4.73E-04	5.15E-03	3.50E-04	2.16E-01	3.09E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	6.68E-02	1.31E-05	1.80E-04	1.20E-05	5.00E-02	ND
	Rabbitbrush	ZN	1.32E+01	5.81E-03	1.54E-04	3.07E-04	3.07E-04	2.68E+00	5.29E-04	7.19E-03	4.89E-04	1.03E+00	2.57E-01
1c	Gumweed	AG	4.40E-02	7.73E-04	2.05E-05	4.08E-05	4.08E-05	2.16E-03	1.62E-05	2.21E-04	1.50E-05	3.94E-02	ND
	Gumweed	AL	ND	ND	ND	ND	ND	3.62E+00	4.25E-02	3.70E-01	3.14E-02	2.22E-01	5.79E-02
	Gumweed	AS	5.45E-01	9.59E-03	2.54E-04	5.08E-04	5.08E-04	3.22E-01	5.07E-03	5.51E-02	3.75E-03	1.10E-01	1.83E-02
	Gumweed	BA	1.12E+00	1.96E-02	5.19E-04	1.04E-03	1.04E-03	1.47E+00	2.30E-02	2.51E-01	1.70E-02	3.12E-02	ND
	Gumweed	BE	2.15E-04	3.78E-06	9.99E-08	2.00E-07	2.00E-07	7.88E-05	1.24E-06	1.34E-05	9.14E-07	3.00E-04	ND
	Gumweed	CD	2.19E+00	3.85E-02	1.02E-03	1.89E-03	1.89E-03	9.19E-02	1.44E-03	1.56E-02	1.06E-03	6.83E-02	1.03E-02
	Gumweed	CO	6.61E-04	1.16E-05	3.08E-07	6.15E-07	6.15E-07	3.72E-01	5.60E-03	6.09E-02	5.18E-03	4.00E-03	ND

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1c (cont.)	Gumweed	CR	2.03E+00	3.57E-02	9.44E-04	1.89E-03	1.89E-03	3.53E-02	3.33E-04	3.62E-03	1.97E-04	5.07E-03	9.50E-01
	Gumweed	CU	8.41E-01	1.48E-02	3.91E-04	7.83E-04	7.83E-04	1.59E+00	1.49E-02	1.62E-01	8.85E-03	6.70E-02	8.00E-02
	Gumweed	FE	2.86E+00	5.04E-02	1.33E-03	2.67E-03	2.67E-03	9.19E+00	1.44E-01	1.57E+00	1.06E-01	ND	1.61E-01
	Gumweed	HG	2.75E-02	4.84E-04	1.28E-05	2.56E-05	2.56E-05	1.12E-02	1.33E-04	1.45E-03	9.86E-05	3.30E-02	9.90E-03
	Gumweed	MN	3.81E-01	6.70E-03	1.77E-04	3.55E-04	3.55E-04	3.77E-01	5.91E-03	6.42E-02	4.37E-03	4.50E-02	ND
	Gumweed	NI	1.86E-01	3.27E-03	8.66E-05	1.73E-04	1.73E-04	2.76E-02	4.32E-04	4.70E-03	3.19E-04	3.12E-03	3.90E-03
	Gumweed	PB	4.12E-01	1.45E-03	1.92E-04	3.07E-04	3.07E-04	2.41E-01	3.76E-03	4.09E-02	2.78E-03	1.74E-03	1.42E-03
	Gumweed	SB	ND	ND	ND	ND	ND	3.07E-01	4.81E-03	5.23E-02	3.56E-03	3.30E-02	ND
	Gumweed	SE	3.04E+00	5.35E-02	1.42E-03	2.63E-03	2.63E-03	2.12E+00	2.49E-02	2.71E-01	1.84E-02	2.85E-01	4.07E-03
	Gumweed	V	ND	ND	ND	ND	ND	3.78E-02	2.82E-04	3.87E-03	2.58E-04	2.70E-02	ND
	Gumweed	ZN	7.15E+00	1.26E-01	3.33E-03	6.65E-03	6.65E-03	1.52E+00	1.14E-02	1.56E-01	1.06E-02	5.56E-01	1.39E-01
	Rabbitbrush	AG	4.49E-02	7.90E-04	2.09E-05	4.16E-05	4.16E-05	2.20E-03	1.66E-05	2.25E-04	1.53E-05	4.03E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	1.93E+00	2.27E-02	1.97E-01	1.67E-02	1.18E-01	3.08E-02
	Rabbitbrush	AS	2.13E-01	3.75E-03	9.92E-05	1.98E-04	1.98E-04	1.26E-01	1.98E-03	2.15E-02	1.46E-03	4.30E-02	7.17E-03
	Rabbitbrush	BA	4.87E-01	8.56E-03	2.26E-04	4.53E-04	4.53E-04	6.39E-01	1.00E-02	1.09E-01	7.40E-03	1.36E-02	ND
	Rabbitbrush	BE	2.15E-04	3.78E-06	9.99E-08	2.00E-07	2.00E-07	7.88E-05	1.24E-06	1.34E-05	9.14E-07	3.00E-04	ND
	Rabbitbrush	CD	1.49E+01	2.63E-01	6.96E-03	1.29E-02	1.29E-02	6.27E-01	9.80E-03	1.07E-01	7.25E-03	4.67E-01	7.00E-02
	Rabbitbrush	CO	9.09E-04	1.60E-05	4.23E-07	8.46E-07	8.46E-07	5.12E-01	7.70E-03	8.37E-02	7.12E-03	5.50E-03	ND
	Rabbitbrush	CR	1.23E+00	2.16E-02	5.71E-04	1.14E-03	1.14E-03	2.14E-02	2.01E-04	2.19E-03	1.19E-04	3.07E-03	5.75E-01
	Rabbitbrush	CU	6.02E-01	1.06E-02	2.80E-04	5.61E-04	5.61E-04	1.14E+00	1.07E-02	1.16E-01	6.34E-03	4.80E-02	5.73E-02
	Rabbitbrush	FE	1.92E+00	3.38E-02	8.94E-04	1.79E-03	1.79E-03	6.16E+00	9.67E-02	1.05E+00	7.13E-02	ND	1.08E-01
	Rabbitbrush	HG	1.39E-02	2.44E-04	6.46E-06	1.29E-05	1.29E-05	5.64E-03	6.73E-05	7.32E-04	4.98E-05	1.67E-02	5.00E-03
	Rabbitbrush	MN	1.02E+00	1.79E-02	4.73E-04	9.45E-04	9.45E-04	1.00E+00	1.58E-02	1.71E-01	1.16E-02	1.20E-01	ND
	Rabbitbrush	NI	4.29E-01	7.55E-03	2.00E-04	4.00E-04	4.00E-04	6.36E-02	9.97E-04	1.08E-02	7.37E-04	7.20E-03	9.00E-03
	Rabbitbrush	PB	2.49E-01	8.76E-04	1.16E-04	1.86E-04	1.86E-04	1.45E-01	2.28E-03	2.47E-02	1.68E-03	1.05E-03	8.58E-04
	Rabbitbrush	SB	ND	ND	ND	ND	ND	4.79E-01	7.50E-03	8.16E-02	5.55E-03	5.15E-02	ND
	Rabbitbrush	SE	2.36E+00	4.14E-02	1.10E-03	2.04E-03	2.04E-03	1.64E+00	1.93E-02	2.10E-01	1.43E-02	2.21E-01	3.15E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	6.32E-02	4.70E-04	6.46E-03	4.31E-04	4.50E-02	ND
	Rabbitbrush	ZN	5.35E+00	9.41E-02	2.49E-03	4.98E-03	4.98E-03	1.14E+00	8.56E-03	1.16E-01	7.92E-03	4.16E-01	1.04E-01
21	Gumweed	AG	1.83E-02	4.84E-06	1.28E-07	2.55E-07	2.55E-07	5.14E-04	1.02E-07	1.38E-06	9.40E-08	3.95E-02	ND
	Gumweed	AL	ND	ND	ND	ND	ND	2.18E+00	6.74E-04	5.86E-03	4.98E-04	5.63E-01	1.47E-01
	Gumweed	AS	6.51E-02	1.72E-05	4.54E-07	9.08E-07	9.08E-07	2.20E-02	9.07E-06	9.86E-05	6.71E-06	3.15E-02	5.25E-03
	Gumweed	BA	3.58E+00	9.44E-04	2.50E-05	5.00E-05	5.00E-05	2.68E+00	1.11E-03	1.20E-02	8.16E-04	2.40E-01	ND
	Gumweed	BE	8.94E-05	2.36E-08	6.24E-10	1.25E-09	1.25E-09	1.88E-05	7.72E-09	8.40E-08	5.71E-09	3.00E-04	ND
	Gumweed	CD	4.49E+01	1.19E-02	3.14E-04	5.83E-04	5.83E-04	1.08E+00	4.42E-04	4.80E-03	3.27E-04	3.37E+00	5.05E-01
	Gumweed	CO	7.92E-04	2.09E-07	5.53E-09	1.11E-08	1.11E-08	2.55E-01	1.01E-04	1.09E-03	9.30E-05	1.15E-02	ND
	Gumweed	CR	2.89E+00	7.63E-04	2.02E-05	4.04E-05	4.04E-05	2.88E-02	7.11E-06	7.73E-05	4.21E-06	1.73E-02	3.25E+00
	Gumweed	CU	2.80E+00	7.40E-04	1.96E-05	3.91E-05	3.91E-05	3.02E+00	7.47E-04	8.12E-03	4.42E-04	5.36E-01	6.40E-01
	Gumweed	FE	2.12E+00	5.60E-04	1.48E-05	2.96E-05	2.96E-05	3.89E+00	1.60E-03	1.74E-02	1.18E-03	ND	2.86E-01
	Gumweed	HG	1.13E-02	2.99E-06	7.91E-08	1.58E-07	1.58E-07	2.63E-03	8.25E-07	8.97E-06	6.10E-07	3.27E-02	9.80E-03
	Gumweed	MN	1.66E-01	4.37E-05	1.16E-06	2.31E-06	2.31E-06	9.37E-02	3.86E-05	4.19E-04	2.85E-05	4.70E-02	ND

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
21 (cont.)	Gumweed	NI	1.49E-01	3.93E-05	1.04E-06	2.08E-06	2.08E-06	1.26E-02	5.19E-06	5.65E-05	3.84E-06	6.00E-03	7.50E-03
	Gumweed	PB	2.93E+01	1.55E-03	2.05E-04	3.28E-04	3.28E-04	9.79E+00	4.02E-03	4.37E-02	2.97E-03	2.98E-01	2.43E-01
	Gumweed	SB	ND	ND	ND	ND	ND	1.51E+00	6.20E-04	6.74E-03	4.58E-04	6.80E-01	ND
	Gumweed	SE	1.27E+00	3.35E-04	8.85E-06	1.64E-05	1.64E-05	5.05E-01	1.56E-04	1.69E-03	1.15E-04	2.85E-01	4.07E-03
	Gumweed	V	ND	ND	ND	ND	ND	6.52E-02	1.27E-05	1.75E-04	1.17E-05	1.95E-01	ND
	Gumweed	ZN	1.65E+01	4.35E-03	1.15E-04	2.30E-04	2.30E-04	2.01E+00	3.96E-04	5.39E-03	3.66E-04	3.08E+00	7.70E-01
	Rabbitbrush	AG	1.88E-02	4.97E-06	1.31E-07	2.62E-07	2.62E-07	5.28E-04	1.04E-07	1.42E-06	9.64E-08	4.05E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	4.31E-01	1.33E-04	1.16E-03	9.85E-05	1.11E-01	2.90E-02
	Rabbitbrush	AS	5.78E-02	1.53E-05	4.04E-07	8.08E-07	8.08E-07	1.95E-02	8.06E-06	8.76E-05	5.96E-06	2.80E-02	4.67E-03
	Rabbitbrush	BA	5.13E-01	1.35E-04	3.58E-06	7.16E-06	7.16E-06	3.85E-01	1.59E-04	1.73E-03	1.17E-04	3.44E-02	ND
	Rabbitbrush	BE	8.94E-05	2.36E-08	6.24E-10	1.25E-09	1.25E-09	1.88E-05	7.72E-09	8.40E-08	5.71E-09	3.00E-04	ND
	Rabbitbrush	CD	3.43E+00	9.04E-04	2.39E-05	4.44E-05	4.44E-05	8.22E-02	3.37E-05	3.66E-04	2.49E-05	2.57E-01	3.85E-02
	Rabbitbrush	CO	1.65E-04	4.36E-08	1.15E-09	2.31E-09	2.31E-09	5.31E-02	2.10E-05	2.28E-04	1.94E-05	2.40E-03	ND
	Rabbitbrush	CR	1.47E+00	3.87E-04	1.02E-05	2.05E-05	2.05E-05	1.46E-02	3.61E-06	3.92E-05	2.14E-06	8.80E-03	1.65E+00
	Rabbitbrush	CU	6.43E-01	1.70E-04	4.49E-06	8.98E-06	8.98E-06	6.94E-01	1.71E-04	1.86E-03	1.02E-04	1.23E-01	1.47E-01
	Rabbitbrush	FE	6.47E-01	1.71E-04	4.52E-06	9.04E-06	9.04E-06	1.19E+00	4.88E-04	5.31E-03	3.60E-04	ND	8.73E-02
	Rabbitbrush	HG	1.16E-02	3.05E-06	8.08E-08	1.62E-07	1.62E-07	2.68E-03	8.41E-07	9.15E-06	6.22E-07	3.33E-02	1.00E-02
	Rabbitbrush	MN	8.82E-02	2.33E-05	6.15E-07	1.23E-06	1.23E-06	4.98E-02	2.05E-05	2.23E-04	1.52E-05	2.50E-02	ND
	Rabbitbrush	NI	9.14E-02	2.41E-05	6.38E-07	1.28E-06	1.28E-06	7.74E-03	3.18E-06	3.46E-05	2.36E-06	3.68E-03	4.60E-03
	Rabbitbrush	PB	1.41E+01	7.46E-04	9.87E-05	1.58E-04	1.58E-04	4.72E+00	1.94E-03	2.11E-02	1.43E-03	1.44E-01	1.17E-01
	Rabbitbrush	SB	ND	ND	ND	ND	ND	5.76E-01	2.37E-04	2.58E-03	1.75E-04	2.60E-01	ND
	Rabbitbrush	SE	9.72E-01	2.56E-04	6.78E-06	1.26E-05	1.26E-05	3.87E-01	1.19E-04	1.30E-03	8.84E-05	2.18E-01	3.12E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	1.50E-02	2.94E-06	4.04E-05	2.70E-06	4.50E-02	ND
	Rabbitbrush	ZN	2.53E+00	6.67E-04	1.76E-05	3.53E-05	3.53E-05	3.07E-01	6.07E-05	8.26E-04	5.61E-05	4.72E-01	1.18E-01
37	Ambrosia	AG	4.37E-02	2.69E-05	7.11E-07	1.42E-06	1.42E-06	2.14E-03	5.65E-07	7.67E-06	5.22E-07	3.92E-02	ND
	Ambrosia	AL	ND	ND	ND	ND	ND	2.06E+00	8.50E-04	7.39E-03	6.28E-04	1.27E-01	3.30E-02
	Ambrosia	AS	1.56E-01	9.59E-05	2.54E-06	5.07E-06	5.07E-06	9.20E-02	5.06E-05	5.50E-04	3.74E-05	3.14E-02	5.23E-03
	Ambrosia	BA	5.94E-01	3.66E-04	9.67E-06	1.93E-05	1.93E-05	7.80E-01	4.29E-04	4.66E-03	3.16E-04	1.66E-02	ND
	Ambrosia	BE	7.15E-04	4.41E-07	1.17E-08	2.33E-08	2.33E-08	2.63E-04	1.44E-07	1.57E-06	1.07E-07	1.00E-03	ND
	Ambrosia	CD	2.18E+00	1.34E-03	3.55E-05	6.59E-05	6.59E-05	9.14E-02	5.00E-05	5.43E-04	3.70E-05	6.80E-02	1.02E-02
	Ambrosia	CO	6.61E-04	4.07E-07	1.08E-08	2.15E-08	2.15E-08	3.72E-01	1.96E-04	2.13E-03	1.81E-04	4.00E-03	ND
	Ambrosia	CR	2.56E+00	1.58E-03	4.17E-05	8.35E-05	8.35E-05	4.46E-02	1.47E-05	1.60E-04	8.70E-06	6.40E-03	1.20E+00
	Ambrosia	CU	1.14E+00	7.03E-04	1.86E-05	3.72E-05	3.72E-05	2.16E+00	7.10E-04	7.72E-03	4.21E-04	9.10E-02	1.09E-01
	Ambrosia	FE	1.82E+00	1.12E-03	2.96E-05	5.91E-05	5.91E-05	5.82E+00	3.20E-03	3.47E-02	2.36E-03	ND	1.02E-01
	Ambrosia	HG	2.15E-02	1.32E-05	3.50E-07	7.01E-07	7.01E-07	8.74E-03	3.65E-06	3.97E-05	2.70E-06	2.58E-02	7.75E-03
	Ambrosia	MN	1.61E-01	9.90E-05	2.62E-06	5.24E-06	5.24E-06	1.59E-01	8.73E-05	9.49E-04	6.45E-05	1.90E-02	ND
	Ambrosia	NI	6.20E-01	3.82E-04	1.01E-05	2.02E-05	2.02E-05	9.19E-02	5.04E-05	5.48E-04	3.73E-05	1.04E-02	1.30E-02
	Ambrosia	PB	1.77E-01	2.18E-05	2.88E-06	4.62E-06	4.62E-06	1.03E-01	5.67E-05	6.16E-04	4.19E-05	7.49E-04	6.11E-04
	Ambrosia	SB	ND	ND	ND	ND	ND	2.97E-01	1.63E-04	1.77E-03	1.21E-04	3.19E-02	ND
	Ambrosia	SE	3.01E+00	1.85E-03	4.90E-05	9.09E-05	9.09E-05	2.09E+00	8.62E-04	9.37E-03	6.38E-04	2.81E-01	4.02E-03
	Ambrosia	V	ND	ND	ND	ND	ND	1.05E-01	2.74E-05	3.77E-04	2.52E-05	7.50E-02	ND

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
37 (cont.)	Ambrosia	ZN	9.64E+00	5.94E-03	1.57E-04	3.14E-04	3.14E-04	2.05E+00	5.40E-04	7.35E-03	5.00E-04	7.50E-01	1.88E-01
	Rabbitbrush	AG	4.50E-02	2.77E-05	7.33E-07	1.46E-06	1.46E-06	2.21E-03	5.82E-07	7.90E-06	5.38E-07	4.04E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	4.08E+00	1.68E-03	1.46E-02	1.24E-03	2.51E-01	6.54E-02
	Rabbitbrush	AS	1.78E-01	1.10E-04	2.91E-06	5.81E-06	5.81E-06	1.05E-01	5.80E-05	6.31E-04	4.29E-05	3.60E-02	6.00E-03
	Rabbitbrush	BA	5.01E-01	3.08E-04	8.16E-06	1.63E-05	1.63E-05	6.58E-01	3.62E-04	3.93E-03	2.66E-04	1.40E-02	ND
	Rabbitbrush	BE	2.15E-04	1.32E-07	3.50E-09	6.99E-09	6.99E-09	7.88E-05	4.32E-08	4.70E-07	3.20E-08	3.00E-04	ND
	Rabbitbrush	CD	2.35E+00	1.45E-03	3.83E-05	7.11E-05	7.11E-05	9.86E-02	5.39E-05	5.86E-04	3.99E-05	7.33E-02	1.10E-02
	Rabbitbrush	CO	8.26E-04	5.09E-07	1.35E-08	2.69E-08	2.69E-08	4.65E-01	2.45E-04	2.66E-03	2.27E-04	5.00E-03	ND
	Rabbitbrush	CR	2.83E+00	1.74E-03	4.61E-05	9.22E-05	9.22E-05	4.93E-02	1.62E-05	1.76E-04	9.60E-06	7.07E-03	1.33E+00
	Rabbitbrush	CU	1.05E+00	6.49E-04	1.72E-05	3.43E-05	3.43E-05	1.99E+00	6.55E-04	7.13E-03	3.88E-04	8.40E-02	1.00E-01
	Rabbitbrush	FE	3.29E+00	2.03E-03	5.36E-05	1.07E-04	1.07E-04	1.06E+01	5.80E-03	6.30E-02	4.28E-03	ND	1.85E-01
	Rabbitbrush	HG	1.39E-02	8.55E-06	2.26E-07	4.52E-07	4.52E-07	5.64E-03	2.36E-06	2.56E-05	1.74E-06	1.67E-02	5.00E-03
	Rabbitbrush	MN	2.78E-01	1.71E-04	4.52E-06	9.04E-06	9.04E-06	2.75E-01	1.51E-04	1.64E-03	1.11E-04	3.28E-02	ND
	Rabbitbrush	NI	5.72E-01	3.52E-04	9.32E-06	1.86E-05	1.86E-05	8.48E-02	4.65E-05	5.06E-04	3.44E-05	9.60E-03	1.20E-02
	Rabbitbrush	PB	8.62E-01	1.06E-04	1.40E-05	2.25E-05	2.25E-05	5.03E-01	2.76E-04	3.00E-03	2.04E-04	3.64E-03	2.97E-03
	Rabbitbrush	SB	ND	ND	ND	ND	ND	4.74E-01	2.60E-04	2.83E-03	1.92E-04	5.10E-02	ND
	Rabbitbrush	SE	2.29E+00	1.41E-03	3.73E-05	6.92E-05	6.92E-05	1.59E+00	6.56E-04	7.14E-03	4.85E-04	2.14E-01	3.06E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	2.25E-01	5.85E-05	8.04E-04	5.37E-05	1.60E-01	ND
	Rabbitbrush	ZN	6.61E+00	4.07E-03	1.08E-04	2.15E-04	2.15E-04	1.41E+00	3.70E-04	5.03E-03	3.42E-04	5.14E-01	1.29E-01
	Sweetclover	AG	2.00E-02	1.23E-05	3.26E-07	6.48E-07	6.48E-07	9.81E-04	2.58E-07	3.51E-06	2.39E-07	1.79E-02	ND
	Sweetclover	AL	ND	ND	ND	ND	ND	1.28E+00	5.27E-04	4.58E-03	3.89E-04	7.85E-02	2.05E-02
	Sweetclover	AS	2.03E-01	1.25E-04	3.31E-06	6.62E-06	6.62E-06	1.20E-01	6.61E-05	7.19E-04	4.89E-05	4.10E-02	6.83E-03
	Sweetclover	BA	1.65E+00	1.02E-03	2.69E-05	5.38E-05	5.38E-05	2.17E+00	1.19E-03	1.30E-02	8.79E-04	4.62E-02	ND
	Sweetclover	BE	1.43E-04	8.81E-08	2.33E-09	4.66E-09	4.66E-09	5.25E-05	2.88E-08	3.13E-07	2.13E-08	2.00E-04	ND
	Sweetclover	CD	2.35E+00	1.45E-03	3.83E-05	7.11E-05	7.11E-05	9.86E-02	5.39E-05	5.86E-04	3.99E-05	7.33E-02	1.10E-02
	Sweetclover	CO	6.61E-04	4.07E-07	1.08E-08	2.15E-08	2.15E-08	3.72E-01	1.96E-04	2.13E-03	1.81E-04	4.00E-03	ND
	Sweetclover	CR	1.71E+00	1.05E-03	2.78E-05	5.57E-05	5.57E-05	2.98E-02	9.80E-06	1.07E-04	5.80E-06	4.27E-03	8.00E-01
	Sweetclover	CU	5.27E-01	3.25E-04	8.59E-06	1.72E-05	1.72E-05	9.95E-01	3.28E-04	3.56E-03	1.94E-04	4.20E-02	5.01E-02
	Sweetclover	FE	1.46E+00	9.02E-04	2.39E-05	4.77E-05	4.77E-05	4.70E+00	2.58E-03	2.80E-02	1.90E-03	ND	8.23E-02
	Sweetclover	HG	2.78E-02	1.71E-05	4.52E-07	9.04E-07	9.04E-07	1.13E-02	4.71E-06	5.12E-05	3.48E-06	3.33E-02	1.00E-02
	Sweetclover	MN	2.71E-01	1.67E-04	4.41E-06	8.82E-06	8.82E-06	2.68E-01	1.47E-04	1.60E-03	1.09E-04	3.20E-02	ND
	Sweetclover	NI	1.29E-01	7.93E-05	2.10E-06	4.20E-06	4.20E-06	1.91E-02	1.05E-05	1.14E-04	7.74E-06	2.16E-03	2.70E-03
	Sweetclover	PB	3.35E-01	4.13E-05	5.46E-06	8.74E-06	8.74E-06	1.96E-01	1.07E-04	1.17E-03	7.93E-05	1.42E-03	1.16E-03
	Sweetclover	SB	ND	ND	ND	ND	ND	8.53E-01	4.68E-04	5.09E-03	3.46E-04	9.17E-02	ND
	Sweetclover	SE	3.16E+00	1.95E-03	5.15E-05	9.56E-05	9.56E-05	2.20E+00	9.07E-04	9.86E-03	6.71E-04	2.96E-01	4.23E-03
	Sweetclover	V	ND	ND	ND	ND	ND	4.33E-02	1.13E-05	1.55E-04	1.04E-05	3.09E-02	ND
	Sweetclover	ZN	2.75E+00	1.69E-03	4.48E-05	8.96E-05	8.96E-05	5.85E-01	1.54E-04	2.10E-03	1.43E-04	2.14E-01	5.35E-02
42	Gumweed	AG	4.40E-02	1.39E-03	3.68E-05	7.34E-05	7.34E-05	2.16E-03	2.92E-05	3.97E-04	2.70E-05	3.94E-02	ND
	Gumweed	AL	ND	ND	ND	ND	ND	3.03E+00	6.43E-02	5.59E-01	4.75E-02	1.86E-01	4.86E-02
	Gumweed	AS	4.61E-01	1.46E-02	3.86E-04	7.72E-04	7.72E-04	2.72E-01	7.71E-03	8.38E-02	5.70E-03	9.30E-02	1.55E-02
	Gumweed	BA	2.21E+00	7.00E-02	1.85E-03	3.70E-03	3.70E-03	2.90E+00	8.21E-02	8.93E-01	6.05E-02	6.18E-02	ND

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
42 (cont.)	Gumweed	BE	2.15E-04	6.80E-06	1.80E-07	3.60E-07	3.60E-07	7.88E-05	2.22E-06	2.42E-05	1.64E-06	3.00E-04	ND
	Gumweed	CD	4.80E+00	1.52E-01	4.03E-03	7.48E-03	7.48E-03	2.02E-01	5.67E-03	6.17E-02	4.19E-03	1.50E-01	2.25E-02
	Gumweed	CO	1.07E-03	3.40E-05	9.00E-07	1.80E-06	1.80E-06	6.05E-01	1.64E-02	1.78E-01	1.51E-02	6.50E-03	ND
	Gumweed	CR	2.56E+00	8.12E-02	2.15E-03	4.29E-03	4.29E-03	4.46E-02	7.56E-04	8.22E-03	4.47E-04	6.40E-03	1.20E+00
	Gumweed	CU	1.19E+00	3.78E-02	9.99E-04	2.00E-03	2.00E-03	2.25E+00	3.81E-02	4.15E-01	2.26E-02	9.50E-02	1.13E-01
	Gumweed	FE	2.47E+00	7.83E-02	2.07E-03	4.14E-03	4.14E-03	7.93E+00	2.24E-01	2.44E+00	1.65E-01	ND	1.39E-01
	Gumweed	HG	2.78E-02	8.79E-04	2.33E-05	4.65E-05	4.65E-05	1.13E-02	2.42E-04	2.63E-03	1.79E-04	3.33E-02	1.00E-02
	Gumweed	MN	3.11E-01	9.86E-03	2.61E-04	5.22E-04	5.22E-04	3.08E-01	8.70E-03	9.46E-02	6.43E-03	3.68E-02	ND
	Gumweed	NI	2.62E-01	8.31E-03	2.20E-04	4.40E-04	4.40E-04	3.89E-02	1.10E-03	1.19E-02	8.11E-04	4.40E-03	5.50E-03
	Gumweed	PB	1.49E+01	9.46E-02	1.25E-02	2.00E-02	2.00E-02	8.73E+00	2.46E-01	2.67E+00	1.82E-01	6.32E-02	5.15E-02
	Gumweed	SB	ND	ND	ND	ND	ND	3.07E-01	8.66E-03	9.42E-02	6.41E-03	3.30E-02	ND
	Gumweed	SE	3.04E+00	9.64E-02	2.55E-03	4.73E-03	4.73E-03	2.12E+00	4.49E-02	4.88E-01	3.32E-02	2.85E-01	4.07E-03
	Gumweed	V	ND	ND	ND	ND	ND	1.33E-01	1.79E-03	2.46E-02	1.64E-03	9.50E-02	ND
	Gumweed	ZN	5.96E+00	1.89E-01	5.00E-03	9.99E-03	9.99E-03	1.27E+00	1.72E-02	2.34E-01	1.59E-02	4.64E-01	1.16E-01
	Rabbitbrush	AG	4.51E-02	1.43E-03	3.78E-05	7.52E-05	7.52E-05	2.21E-03	3.00E-05	4.07E-04	2.77E-05	4.04E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	2.05E+00	4.35E-02	3.78E-01	3.21E-02	1.26E-01	3.28E-02
	Rabbitbrush	AS	3.86E-01	1.22E-02	3.24E-04	6.47E-04	6.47E-04	2.28E-01	6.46E-03	7.02E-02	4.78E-03	7.79E-02	1.30E-02
	Rabbitbrush	BA	4.51E+00	1.43E-01	3.78E-03	7.55E-03	7.55E-03	5.92E+00	1.68E-01	1.82E+00	1.23E-01	1.26E-01	ND
	Rabbitbrush	BE	2.15E-04	6.80E-06	1.80E-07	3.60E-07	3.60E-07	7.88E-05	2.22E-06	2.42E-05	1.64E-06	3.00E-04	ND
	Rabbitbrush	CD	2.34E+00	7.42E-02	1.96E-03	3.65E-03	3.65E-03	9.84E-02	2.77E-03	3.01E-02	2.05E-03	7.32E-02	1.10E-02
	Rabbitbrush	CO	6.29E-04	1.99E-05	5.27E-07	1.05E-06	1.05E-06	3.54E-01	9.59E-03	1.04E-01	8.87E-03	3.81E-03	ND
	Rabbitbrush	CR	2.38E+00	7.53E-02	1.99E-03	3.99E-03	3.99E-03	4.14E-02	7.02E-04	7.63E-03	4.15E-04	5.94E-03	1.11E+00
	Rabbitbrush	CU	1.26E+00	4.00E-02	1.06E-03	2.12E-03	2.12E-03	2.39E+00	4.04E-02	4.39E-01	2.39E-02	1.01E-01	1.20E-01
	Rabbitbrush	FE	1.94E+00	6.16E-02	1.63E-03	3.26E-03	3.26E-03	6.23E+00	1.76E-01	1.91E+00	1.30E-01	ND	1.09E-01
	Rabbitbrush	HG	2.61E-02	8.27E-04	2.19E-05	4.38E-05	4.38E-05	1.06E-02	2.28E-04	2.48E-03	1.69E-04	3.14E-02	9.41E-03
	Rabbitbrush	MN	4.55E-01	1.44E-02	3.81E-04	7.63E-04	7.63E-04	4.50E-01	1.27E-02	1.38E-01	9.40E-03	5.38E-02	ND
	Rabbitbrush	NI	3.38E-01	1.07E-02	2.83E-04	5.66E-04	5.66E-04	5.01E-02	1.41E-03	1.54E-02	1.04E-03	5.67E-03	7.09E-03
	Rabbitbrush	PB	1.24E+01	7.88E-02	1.04E-02	1.67E-02	1.67E-02	7.27E+00	2.05E-01	2.23E+00	1.51E-01	5.26E-02	4.29E-02
	Rabbitbrush	SB	ND	ND	ND	ND	ND	1.01E+00	2.86E-02	3.11E-01	2.11E-02	1.09E-01	ND
	Rabbitbrush	SE	2.36E+00	7.46E-02	1.97E-03	3.66E-03	3.66E-03	1.64E+00	3.47E-02	3.78E-01	2.57E-02	2.21E-01	3.15E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	9.20E-02	1.23E-03	1.69E-02	1.13E-03	6.56E-02	ND
	Rabbitbrush	ZN	5.66E+00	1.79E-01	4.74E-03	9.48E-03	9.48E-03	1.20E+00	1.63E-02	2.22E-01	1.51E-02	4.40E-01	1.10E-01
	Sweetclover	AG	2.00E-02	6.35E-04	1.68E-05	3.34E-05	3.34E-05	9.83E-04	1.33E-05	1.81E-04	1.23E-05	1.80E-02	ND
	Sweetclover	AL	ND	ND	ND	ND	ND	1.06E+00	2.25E-02	1.96E-01	1.67E-02	6.53E-02	1.70E-02
	Sweetclover	AS	2.68E-01	8.47E-03	2.24E-04	4.48E-04	4.48E-04	1.58E-01	4.47E-03	4.87E-02	3.31E-03	5.40E-02	9.00E-03
	Sweetclover	BA	2.67E+01	8.44E-01	2.23E-02	4.47E-02	4.47E-02	3.50E+01	9.90E-01	1.08E+01	7.29E-01	7.45E-01	ND
	Sweetclover	BE	1.43E-04	4.53E-06	1.20E-07	2.40E-07	2.40E-07	5.25E-05	1.48E-06	1.61E-05	1.10E-06	2.00E-04	ND
	Sweetclover	CD	4.86E+00	1.54E-01	4.07E-03	7.56E-03	7.56E-03	2.04E-01	5.73E-03	6.23E-02	4.24E-03	1.52E-01	2.28E-02
	Sweetclover	CO	3.15E-03	9.97E-05	2.64E-06	5.27E-06	5.27E-06	1.77E+00	4.80E-02	5.22E-01	4.44E-02	1.91E-02	ND
	Sweetclover	CR	2.72E+00	8.60E-02	2.27E-03	4.55E-03	4.55E-03	4.73E-02	8.01E-04	8.71E-03	4.74E-04	6.78E-03	1.27E+00
	Sweetclover	CU	8.48E-01	2.69E-02	7.10E-04	1.42E-03	1.42E-03	1.60E+00	2.71E-02	2.95E-01	1.61E-02	6.76E-02	8.06E-02

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
42 (cont.)	Sweetclover	FE	1.02E+00	3.23E-02	8.54E-04	1.71E-03	1.71E-03	3.27E+00	9.23E-02	1.00E+00	6.81E-02	ND	5.73E-02
	Sweetclover	HG	5.13E-02	1.62E-03	4.30E-05	8.59E-05	8.59E-05	2.08E-02	4.48E-04	4.87E-03	3.31E-04	6.16E-02	1.85E-02
	Sweetclover	MN	1.97E-01	6.23E-03	1.65E-04	3.30E-04	3.30E-04	1.95E-01	5.49E-03	5.97E-02	4.06E-03	2.32E-02	ND
	Sweetclover	NI	2.09E-01	6.61E-03	1.75E-04	3.50E-04	3.50E-04	3.09E-02	8.73E-04	9.49E-03	6.45E-04	3.50E-03	4.38E-03
	Sweetclover	PB	1.70E+01	1.08E-01	1.43E-02	2.29E-02	2.29E-02	9.95E+00	2.80E-01	3.05E+00	2.07E-01	7.20E-02	5.87E-02
	Sweetclover	SB	ND	ND	ND	ND	ND	1.64E+00	4.62E-02	5.02E-01	3.42E-02	1.76E-01	ND
	Sweetclover	SE	3.26E+00	1.03E-01	2.73E-03	5.07E-03	5.07E-03	2.27E+00	4.80E-02	5.22E-01	3.55E-02	3.05E-01	4.36E-03
	Sweetclover	V	ND	ND	ND	ND	ND	6.30E-02	8.44E-04	1.16E-02	7.75E-04	4.49E-02	ND
	Sweetclover	ZN	2.12E+00	6.72E-02	1.78E-03	3.56E-03	3.56E-03	4.52E-01	6.12E-03	8.32E-02	5.66E-03	1.65E-01	4.13E-02
45	Gumweed	AG	4.40E-02	1.94E-04	5.12E-06	1.02E-05	1.02E-05	2.16E-03	4.07E-06	5.53E-05	3.76E-06	3.95E-02	ND
	Gumweed	AL	ND	ND	ND	ND	ND	3.30E+00	9.71E-03	8.45E-02	7.18E-03	2.03E-01	5.29E-02
	Gumweed	AS	3.62E-01	1.59E-03	4.21E-05	8.42E-05	8.42E-05	2.14E-01	8.40E-04	9.14E-03	6.22E-04	7.30E-02	1.22E-02
	Gumweed	BA	1.10E+00	4.85E-03	1.28E-04	2.56E-04	2.56E-04	1.45E+00	5.69E-03	6.18E-02	4.19E-03	3.08E-02	ND
	Gumweed	BE	2.15E-04	9.44E-07	2.50E-08	5.00E-08	5.00E-08	7.88E-05	3.09E-07	3.36E-06	2.28E-07	3.00E-04	ND
	Gumweed	CD	2.46E+01	1.08E-01	2.86E-03	5.31E-03	5.31E-03	1.03E+00	4.03E-03	4.38E-02	2.98E-03	7.67E-01	1.15E-01
	Gumweed	CO	7.44E-04	3.27E-06	8.65E-08	1.73E-07	1.73E-07	4.19E-01	1.58E-03	1.71E-02	1.46E-03	4.50E-03	ND
	Gumweed	CR	1.87E+00	8.22E-03	2.17E-04	4.35E-04	4.35E-04	3.26E-02	7.66E-05	8.33E-04	4.53E-05	4.67E-03	8.75E-01
	Gumweed	CU	1.24E+00	5.46E-03	1.45E-04	2.89E-04	2.89E-04	2.35E+00	5.52E-03	6.00E-02	3.27E-03	9.90E-02	1.18E-01
	Gumweed	FE	2.30E+00	1.01E-02	2.67E-04	5.34E-04	5.34E-04	7.36E+00	2.89E-02	3.14E-01	2.13E-02	ND	1.29E-01
	Gumweed	HG	2.73E-02	1.20E-04	3.18E-06	6.36E-06	6.36E-06	1.11E-02	3.31E-05	3.60E-04	2.45E-05	3.28E-02	9.85E-03
	Gumweed	MN	4.76E-01	2.09E-03	5.53E-05	1.11E-04	1.11E-04	4.70E-01	1.84E-03	2.01E-02	1.36E-03	5.62E-02	ND
	Gumweed	NI	1.24E-01	5.45E-04	1.44E-05	2.89E-05	2.89E-05	1.84E-02	7.20E-05	7.83E-04	5.32E-05	2.08E-03	2.60E-03
	Gumweed	PB	1.15E+00	1.01E-03	1.34E-04	2.14E-04	2.14E-04	6.71E-01	2.63E-03	2.85E-02	1.94E-03	4.86E-03	3.96E-03
	Gumweed	SB	ND	ND	ND	ND	ND	3.07E-01	1.20E-03	1.31E-02	8.90E-04	3.30E-02	ND
	Gumweed	SE	9.08E+00	3.99E-02	1.06E-03	1.96E-03	1.96E-03	6.32E+00	1.86E-02	2.02E-01	1.38E-02	8.50E-01	1.21E-02
	Gumweed	V	ND	ND	ND	ND	ND	1.19E-01	2.22E-04	3.05E-03	2.04E-04	8.50E-02	ND
	Gumweed	ZN	1.01E+01	4.44E-02	1.18E-03	2.35E-03	2.35E-03	2.15E+00	4.05E-03	5.50E-02	3.74E-03	7.86E-01	1.97E-01
	Jackrabbit	AG	1.03E-01	4.55E-04	1.20E-05	2.40E-05	2.40E-05	5.08E-03	9.56E-06	1.30E-04	8.83E-06	9.28E-02	ND
	Jackrabbit	AL	ND	ND	ND	ND	ND	4.90E-01	1.44E-03	1.25E-02	1.07E-03	3.01E-02	7.84E-03
	Jackrabbit	AS	6.69E-02	2.94E-04	7.79E-06	1.56E-05	1.56E-05	3.95E-02	1.55E-04	1.69E-03	1.15E-04	1.35E-02	2.25E-03
	Jackrabbit	BA	2.86E-01	1.26E-03	3.33E-05	6.65E-05	6.65E-05	3.75E-01	1.48E-03	1.60E-02	1.09E-03	7.99E-03	ND
	Jackrabbit	BE	1.43E-04	6.29E-07	1.67E-08	3.33E-08	3.33E-08	5.25E-05	2.06E-07	2.24E-06	1.52E-07	2.00E-04	ND
	Jackrabbit	CD	1.80E+00	7.91E-03	2.09E-04	3.89E-04	3.89E-04	7.55E-02	2.95E-04	3.20E-03	2.18E-04	5.61E-02	8.42E-03
	Jackrabbit	CO	3.51E-04	1.54E-06	4.09E-08	8.17E-08	8.17E-08	1.98E-01	7.44E-04	8.09E-03	6.88E-04	2.13E-03	ND
	Jackrabbit	CR	2.12E+00	9.31E-03	2.46E-04	4.93E-04	4.93E-04	3.69E-02	8.67E-05	9.43E-04	5.13E-05	5.29E-03	9.91E-01
	Jackrabbit	CU	2.08E+00	9.17E-03	2.43E-04	4.85E-04	4.85E-04	3.94E+00	9.26E-03	1.01E-01	5.48E-03	1.66E-01	1.98E-01
	Jackrabbit	FE	2.18E+00	9.60E-03	2.54E-04	5.08E-04	5.08E-04	7.00E+00	2.74E-02	2.98E-01	2.02E-02	ND	1.23E-01
	Jackrabbit	HG	2.75E-02	1.21E-04	3.20E-06	6.41E-06	6.41E-06	1.12E-02	3.34E-05	3.63E-04	2.47E-05	3.31E-02	9.92E-03
	Jackrabbit	MN	5.68E-02	2.50E-04	6.60E-06	1.32E-05	1.32E-05	5.61E-02	2.20E-04	2.39E-03	1.63E-04	6.71E-03	ND
	Jackrabbit	NI	6.66E-02	2.93E-04	7.75E-06	1.55E-05	1.55E-05	9.87E-03	3.87E-05	4.21E-04	2.86E-05	1.12E-03	1.40E-03
	Jackrabbit	PB	6.09E+01	5.36E-02	7.09E-03	1.14E-02	1.14E-02	3.56E+01	1.39E-01	1.51E+00	1.03E-01	2.58E-01	2.10E-01

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
45 (cont.)	Jackrabbit	SB	ND	ND	ND	ND	ND	6.01E-01	2.36E-03	2.56E-02	1.74E-03	6.46E-02	ND
	Jackrabbit	SE	1.33E+00	5.87E-03	1.55E-04	2.88E-04	2.88E-04	9.30E-01	2.73E-03	2.97E-02	2.02E-03	1.25E-01	1.79E-03
	Jackrabbit	V	ND	ND	ND	ND	ND	1.96E-02	3.65E-05	5.02E-04	3.35E-05	1.40E-02	ND
	Jackrabbit	ZN	5.81E+00	2.55E-02	6.76E-04	1.35E-03	1.35E-03	1.24E+00	2.33E-03	3.16E-02	2.15E-03	4.52E-01	1.13E-01
	Rabbitbrush	AG	4.47E-02	1.97E-04	5.20E-06	1.04E-05	1.04E-05	2.19E-03	4.13E-06	5.61E-05	3.82E-06	4.01E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	8.63E-01	2.54E-03	2.21E-02	1.88E-03	5.30E-02	1.38E-02
	Rabbitbrush	AS	2.03E-01	8.93E-04	2.36E-05	4.72E-05	4.72E-05	1.20E-01	4.72E-04	5.13E-03	3.49E-04	4.10E-02	6.83E-03
	Rabbitbrush	BA	2.98E-01	1.31E-03	3.46E-05	6.92E-05	6.92E-05	3.91E-01	1.54E-03	1.67E-02	1.13E-03	8.32E-03	ND
	Rabbitbrush	BE	2.11E-04	9.28E-07	2.46E-08	4.91E-08	4.91E-08	7.74E-05	3.04E-07	3.30E-06	2.25E-07	2.95E-04	ND
	Rabbitbrush	CD	3.15E+00	1.38E-02	3.66E-04	6.80E-04	6.80E-04	1.32E-01	5.16E-04	5.61E-03	3.81E-04	9.82E-02	1.47E-02
	Rabbitbrush	CO	6.63E-04	2.92E-06	7.72E-08	1.54E-07	1.54E-07	3.73E-01	1.41E-03	1.53E-02	1.30E-03	4.02E-03	ND
	Rabbitbrush	CR	1.09E+00	4.78E-03	1.26E-04	2.53E-04	2.53E-04	1.89E-02	4.45E-05	4.84E-04	2.63E-05	2.71E-03	5.09E-01
	Rabbitbrush	CU	6.29E-01	2.76E-03	7.31E-05	1.46E-04	1.46E-04	1.19E+00	2.79E-03	3.04E-02	1.65E-03	5.01E-02	5.98E-02
	Rabbitbrush	FE	9.13E-01	4.02E-03	1.06E-04	2.12E-04	2.12E-04	2.93E+00	1.15E-02	1.25E-01	8.47E-03	ND	5.13E-02
	Rabbitbrush	HG	4.22E-02	1.86E-04	4.91E-06	9.83E-06	9.83E-06	1.71E-02	5.12E-05	5.57E-04	3.79E-05	5.07E-02	1.52E-02
	Rabbitbrush	MN	3.59E-01	1.58E-03	4.18E-05	8.36E-05	8.36E-05	3.55E-01	1.39E-03	1.51E-02	1.03E-03	4.24E-02	ND
	Rabbitbrush	NI	2.54E-01	1.12E-03	2.95E-05	5.91E-05	5.91E-05	3.76E-02	1.47E-04	1.60E-03	1.09E-04	4.26E-03	5.32E-03
	Rabbitbrush	PB	7.42E-01	6.53E-04	8.63E-05	1.38E-04	1.38E-04	4.34E-01	1.70E-03	1.84E-02	1.25E-03	3.14E-03	2.56E-03
	Rabbitbrush	SB	ND	ND	ND	ND	ND	4.83E-01	1.89E-03	2.06E-02	1.40E-03	5.20E-02	ND
	Rabbitbrush	SE	2.36E+00	1.04E-02	2.74E-04	5.09E-04	5.09E-04	1.64E+00	4.83E-03	5.25E-02	3.57E-03	2.21E-01	3.15E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	4.99E-02	9.28E-05	1.28E-03	8.52E-05	3.55E-02	ND
	Rabbitbrush	ZN	3.63E+00	1.60E-02	4.22E-04	8.45E-04	8.45E-04	7.73E-01	1.45E-03	1.98E-02	1.34E-03	2.82E-01	7.06E-02
	Sweetclover	AG	2.00E-02	8.78E-05	2.32E-06	4.63E-06	4.63E-06	9.79E-04	1.84E-06	2.50E-05	1.70E-06	1.79E-02	ND
	Sweetclover	AL	ND	ND	ND	ND	ND	4.95E-01	1.46E-03	1.27E-02	1.08E-03	3.04E-02	7.93E-03
	Sweetclover	AS	2.13E-01	9.38E-04	2.48E-05	4.96E-05	4.96E-05	1.26E-01	4.95E-04	5.38E-03	3.66E-04	4.30E-02	7.17E-03
	Sweetclover	BA	1.37E+00	6.04E-03	1.60E-04	3.20E-04	3.20E-04	1.80E+00	7.09E-03	7.71E-02	5.22E-03	3.84E-02	ND
	Sweetclover	BE	1.43E-04	6.29E-07	1.67E-08	3.33E-08	3.33E-08	5.25E-05	2.06E-07	2.24E-06	1.52E-07	2.00E-04	ND
	Sweetclover	CD	2.03E+00	8.92E-03	2.36E-04	4.38E-04	4.38E-04	8.52E-02	3.33E-04	3.62E-03	2.46E-04	6.33E-02	9.50E-03
	Sweetclover	CO	7.44E-04	3.27E-06	8.65E-08	1.73E-07	1.73E-07	4.19E-01	1.58E-03	1.71E-02	1.46E-03	4.50E-03	ND
	Sweetclover	CR	1.23E+00	5.40E-03	1.43E-04	2.86E-04	2.86E-04	2.14E-02	5.03E-05	5.47E-04	2.98E-05	3.07E-03	5.75E-01
	Sweetclover	CU	2.64E-01	1.16E-03	3.07E-05	6.13E-05	6.13E-05	4.98E-01	1.17E-03	1.27E-02	6.93E-04	2.10E-02	2.51E-02
	Sweetclover	FE	5.37E-01	2.36E-03	6.25E-05	1.25E-04	1.25E-04	1.72E+00	6.76E-03	7.35E-02	4.99E-03	ND	3.02E-02
	Sweetclover	HG	2.78E-02	1.22E-04	3.23E-06	6.46E-06	6.46E-06	1.13E-02	3.37E-05	3.66E-04	2.49E-05	3.33E-02	1.00E-02
	Sweetclover	MN	2.29E-01	1.01E-03	2.66E-05	5.32E-05	5.32E-05	2.26E-01	8.86E-04	9.64E-03	6.55E-04	2.70E-02	ND
	Sweetclover	NI	1.10E-01	4.83E-04	1.28E-05	2.55E-05	2.55E-05	1.63E-02	6.37E-05	6.93E-04	4.71E-05	1.84E-03	2.30E-03
	Sweetclover	PB	4.79E-01	4.21E-04	5.57E-05	8.92E-05	8.92E-05	2.80E-01	1.09E-03	1.19E-02	8.09E-04	2.02E-03	1.65E-03
	Sweetclover	SB	ND	ND	ND	ND	ND	8.86E-01	3.47E-03	3.78E-02	2.57E-03	9.52E-02	ND
	Sweetclover	SE	3.22E+00	1.42E-02	3.75E-04	6.97E-04	6.97E-04	2.25E+00	6.61E-03	7.18E-02	4.89E-03	3.02E-01	4.31E-03
	Sweetclover	V	ND	ND	ND	ND	ND	4.33E-02	8.05E-05	1.11E-03	7.39E-05	3.08E-02	ND
	Sweetclover	ZN	1.23E+00	5.43E-03	1.44E-04	2.87E-04	2.87E-04	2.63E-01	4.94E-04	6.72E-03	4.57E-04	9.60E-02	2.40E-02
RSA	Gumweed	AG	4.38E-02	9.15E-03	3.26E-03	6.50E-03	6.50E-03	2.15E-03	1.62E-04	5.66E-04	1.83E-03	3.93E-02	ND

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.	Gumweed	AL	ND	ND	ND	ND	ND	4.45E+00	5.23E-01	1.17E+00	4.72E+00	2.73E-01	7.12E-02
	Gumweed	AS	1.56E-01	3.26E-02	1.16E-02	2.33E-02	2.33E-02	9.23E-02	1.45E-02	4.06E-02	1.31E-01	3.15E-02	5.25E-03
	Gumweed	BA	1.37E+00	2.87E-01	1.02E-01	2.05E-01	2.05E-01	1.80E+00	2.84E-01	7.94E-01	2.55E+00	3.84E-02	ND
	Gumweed	BE	8.70E-04	1.82E-04	6.48E-05	1.30E-04	1.30E-04	3.19E-04	5.01E-05	1.40E-04	4.52E-04	1.22E-03	ND
	Gumweed	CD	6.15E+00	1.29E+00	4.58E-01	8.51E-01	8.51E-01	2.58E-01	4.04E-02	1.13E-01	3.64E-01	1.92E-01	2.88E-02
	Gumweed	CO	7.26E-04	1.52E-04	5.41E-05	1.08E-04	1.08E-04	4.09E-01	6.15E-02	1.72E-01	6.95E-01	4.40E-03	ND
	Gumweed	CR	2.40E+00	5.02E-01	1.79E-01	3.58E-01	3.58E-01	4.19E-02	3.94E-03	1.10E-02	2.84E-02	6.00E-03	1.13E+00
	Gumweed	CU	1.22E+00	2.54E-01	9.07E-02	1.81E-01	1.81E-01	2.30E+00	2.16E-01	6.06E-01	1.56E+00	9.71E-02	1.16E-01
	Gumweed	FE	3.13E+00	6.55E-01	2.33E-01	4.67E-01	4.67E-01	1.01E+01	1.58E+00	4.42E+00	1.42E+01	ND	1.76E-01
	Gumweed	HG	2.75E-02	5.74E-03	2.05E-03	4.09E-03	4.09E-03	1.12E-02	1.33E-03	3.73E-03	1.20E-02	3.30E-02	9.90E-03
	Gumweed	MN	6.77E-01	1.41E-01	5.04E-02	1.01E-01	1.01E-01	6.69E-01	1.05E-01	2.94E-01	9.47E-01	7.99E-02	ND
	Gumweed	NI	5.47E-01	1.14E-01	4.07E-02	8.15E-02	8.15E-02	8.10E-02	1.27E-02	3.56E-02	1.15E-01	9.17E-03	1.15E-02
	Gumweed	PB	6.84E-01	2.86E-02	5.09E-02	8.16E-02	8.16E-02	3.99E-01	6.25E-02	1.75E-01	5.64E-01	2.89E-03	2.36E-03
	Gumweed	SB	ND	ND	ND	ND	ND	3.07E-01	4.81E-02	1.35E-01	4.35E-01	3.30E-02	ND
	Gumweed	SE	4.31E+00	9.01E-01	3.21E-01	5.96E-01	5.96E-01	3.00E+00	3.53E-01	9.90E-01	3.19E+00	4.04E-01	5.77E-03
	Gumweed	V	ND	ND	ND	ND	ND	1.72E-01	1.28E-02	4.53E-02	1.44E-01	1.23E-01	ND
	Gumweed	ZN	5.48E+00	1.14E+00	4.08E-01	8.16E-01	8.16E-01	1.17E+00	8.78E-02	3.07E-01	9.90E-01	4.26E-01	1.07E-01
	Jackrabbit	AG	1.03E-01	2.16E-02	7.71E-03	1.54E-02	1.54E-02	5.08E-03	3.82E-04	1.34E-03	4.31E-03	9.28E-02	ND
	Jackrabbit	AL	ND	ND	ND	ND	ND	1.26E+00	1.48E-01	3.32E-01	1.34E+00	7.73E-02	2.02E-02
	Jackrabbit	AS	9.29E-02	1.94E-02	6.92E-03	1.38E-02	1.38E-02	5.49E-02	8.63E-03	2.42E-02	7.80E-02	1.87E-02	3.12E-03
	Jackrabbit	BA	7.13E-01	1.49E-01	5.31E-02	1.06E-01	1.06E-01	9.37E-01	1.47E-01	4.12E-01	1.32E+00	1.99E-02	ND
	Jackrabbit	BE	1.43E-04	2.99E-05	1.07E-05	2.13E-05	2.13E-05	5.25E-05	8.24E-06	2.31E-05	7.44E-05	2.00E-04	ND
	Jackrabbit	CD	8.96E-01	1.87E-01	6.67E-02	1.24E-01	1.24E-01	3.76E-02	5.88E-03	1.65E-02	5.30E-02	2.80E-02	4.20E-03
	Jackrabbit	CO	3.32E-04	6.93E-05	2.47E-05	4.94E-05	4.94E-05	1.87E-01	2.81E-02	7.87E-02	3.17E-01	2.01E-03	ND
	Jackrabbit	CR	2.25E+00	4.71E-01	1.68E-01	3.36E-01	3.36E-01	3.93E-02	3.69E-03	1.03E-02	2.67E-02	5.63E-03	1.06E+00
	Jackrabbit	CU	3.32E-01	6.94E-02	2.47E-02	4.95E-02	4.95E-02	6.27E-01	5.90E-02	1.65E-01	4.27E-01	2.65E-02	3.16E-02
	Jackrabbit	FE	2.07E+00	4.33E-01	1.54E-01	3.09E-01	3.09E-01	6.65E+00	1.04E+00	2.92E+00	9.39E+00	ND	1.16E-01
	Jackrabbit	HG	3.80E-02	7.94E-03	2.83E-03	5.66E-03	5.66E-03	1.54E-02	1.84E-03	5.16E-03	1.66E-02	4.56E-02	1.37E-02
	Jackrabbit	MN	5.97E-02	1.25E-02	4.45E-03	8.90E-03	8.90E-03	5.91E-02	9.27E-03	2.60E-02	8.36E-02	7.06E-03	ND
	Jackrabbit	NI	3.10E-02	6.49E-03	2.31E-03	4.62E-03	4.62E-03	4.60E-03	7.21E-04	2.02E-03	6.51E-03	5.21E-04	6.51E-04
	Jackrabbit	PB	9.90E+00	4.14E-01	7.37E-01	1.18E+00	1.18E+00	5.78E+00	9.05E-01	2.53E+00	8.17E+00	4.19E-02	3.41E-02
	Jackrabbit	SB	ND	ND	ND	ND	ND	1.09E+00	1.71E-01	4.80E-01	1.55E+00	1.18E-01	ND
	Jackrabbit	SE	4.97E+00	1.04E+00	3.70E-01	6.88E-01	6.88E-01	3.47E+00	4.08E-01	1.14E+00	3.68E+00	4.66E-01	6.66E-03
	Jackrabbit	V	ND	ND	ND	ND	ND	3.78E-02	2.81E-03	9.96E-03	3.15E-02	2.69E-02	ND
	Jackrabbit	ZN	5.53E+00	1.16E+00	4.12E-01	8.24E-01	8.24E-01	1.18E+00	8.86E-02	3.10E-01	1.00E+00	4.31E-01	1.08E-01
	Rabbitbrush	AG	4.52E-02	9.43E-03	3.36E-03	6.70E-03	6.70E-03	2.22E-03	1.67E-04	5.84E-04	1.88E-03	4.05E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	2.38E+00	2.80E-01	6.27E-01	2.52E+00	1.46E-01	3.81E-02
	Rabbitbrush	AS	1.19E-01	2.50E-02	8.90E-03	1.78E-02	1.78E-02	7.06E-02	1.11E-02	3.11E-02	1.00E-01	2.41E-02	4.02E-03
	Rabbitbrush	BA	3.34E-01	6.98E-02	2.49E-02	4.98E-02	4.98E-02	4.39E-01	6.90E-02	1.93E-01	6.20E-01	9.34E-03	ND
	Rabbitbrush	BE	2.15E-04	4.48E-05	1.60E-05	3.20E-05	3.20E-05	7.88E-05	1.24E-05	3.46E-05	1.12E-04	3.00E-04	ND
	Rabbitbrush	CD	3.25E+00	6.79E-01	2.42E-01	4.49E-01	4.49E-01	1.36E-01	2.13E-02	5.96E-02	1.92E-01	1.01E-01	1.52E-02

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.	Rabbitbrush	CO	3.97E-04	8.29E-05	2.95E-05	5.91E-05	5.91E-05	2.23E-01	3.36E-02	9.41E-02	3.79E-01	2.40E-03	ND
	Rabbitbrush	CR	1.48E+00	3.09E-01	1.10E-01	2.21E-01	2.21E-01	2.58E-02	2.43E-03	6.80E-03	1.75E-02	3.70E-03	6.94E-01
	Rabbitbrush	CU	6.04E-01	1.26E-01	4.50E-02	9.00E-02	9.00E-02	1.14E+00	1.07E-01	3.01E-01	7.76E-01	4.82E-02	5.75E-02
	Rabbitbrush	FE	1.84E+00	3.85E-01	1.37E-01	2.74E-01	2.74E-01	5.90E+00	9.26E-01	2.59E+00	8.34E+00	ND	1.03E-01
	Rabbitbrush	HG	3.74E-02	7.81E-03	2.78E-03	5.56E-03	5.56E-03	1.52E-02	1.81E-03	5.07E-03	1.64E-02	4.49E-02	1.35E-02
	Rabbitbrush	MN	5.70E-01	1.19E-01	4.25E-02	8.49E-02	8.49E-02	5.64E-01	8.84E-02	2.48E-01	7.98E-01	6.74E-02	ND
	Rabbitbrush	NI	1.61E-01	3.37E-02	1.20E-02	2.40E-02	2.40E-02	2.39E-02	3.75E-03	1.05E-02	3.38E-02	2.71E-03	3.38E-03
	Rabbitbrush	PB	7.81E-01	3.26E-02	5.81E-02	9.32E-02	9.32E-02	4.56E-01	7.14E-02	2.00E-01	6.44E-01	3.30E-03	2.69E-03
	Rabbitbrush	SB	ND	ND	ND	ND	ND	4.93E-01	7.73E-02	2.16E-01	6.98E-01	5.30E-02	ND
	Rabbitbrush	SE	2.38E+00	4.97E-01	1.77E-01	3.29E-01	3.29E-01	1.66E+00	1.95E-01	5.46E-01	1.76E+00	2.23E-01	3.18E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	8.84E-02	6.58E-03	2.33E-02	7.37E-02	6.30E-02	ND
	Rabbitbrush	ZN	3.13E+00	6.55E-01	2.33E-01	4.67E-01	4.67E-01	6.67E-01	5.02E-02	1.76E-01	5.66E-01	2.44E-01	6.09E-02
	Sweetclover	AG	2.00E-02	4.19E-03	1.49E-03	2.97E-03	2.97E-03	9.83E-04	7.40E-05	2.59E-04	8.35E-04	1.80E-02	ND
	Sweetclover	AL	ND	ND	ND	ND	ND	9.14E-01	1.08E-01	2.41E-01	9.70E-01	5.61E-02	1.46E-02
	Sweetclover	AS	1.39E-01	2.90E-02	1.04E-02	2.07E-02	2.07E-02	8.21E-02	1.29E-02	3.62E-02	1.17E-01	2.80E-02	4.67E-03
	Sweetclover	BA	1.10E+00	2.31E-01	8.22E-02	1.64E-01	1.64E-01	1.45E+00	2.28E-01	6.38E-01	2.05E+00	3.09E-02	ND
	Sweetclover	BE	1.43E-04	2.99E-05	1.07E-05	2.13E-05	2.13E-05	5.25E-05	8.24E-06	2.31E-05	7.44E-05	2.00E-04	ND
	Sweetclover	CD	8.76E-01	1.83E-01	6.52E-02	1.21E-01	1.21E-01	3.68E-02	5.74E-03	1.61E-02	5.18E-02	2.73E-02	4.10E-03
	Sweetclover	CO	7.92E-04	1.65E-04	5.90E-05	1.18E-04	1.18E-04	4.46E-01	6.71E-02	1.88E-01	7.57E-01	4.79E-03	ND
	Sweetclover	CR	1.35E+00	2.81E-01	1.00E-01	2.01E-01	2.01E-01	2.35E-02	2.21E-03	6.18E-03	1.59E-02	3.36E-03	6.30E-01
	Sweetclover	CU	7.40E-01	1.55E-01	5.51E-02	1.10E-01	1.10E-01	1.40E+00	1.32E-01	3.68E-01	9.51E-01	5.90E-02	7.04E-02
	Sweetclover	FE	8.42E-01	1.76E-01	6.27E-02	1.25E-01	1.25E-01	2.70E+00	4.24E-01	1.19E+00	3.82E+00	ND	4.73E-02
	Sweetclover	HG	3.36E-02	7.02E-03	2.50E-03	5.00E-03	5.00E-03	1.36E-02	1.63E-03	4.56E-03	1.47E-02	4.03E-02	1.21E-02
	Sweetclover	MN	1.90E-01	3.96E-02	1.41E-02	2.82E-02	2.82E-02	1.88E-01	2.94E-02	8.24E-02	2.65E-01	2.24E-02	ND
	Sweetclover	NI	1.51E-01	3.16E-02	1.13E-02	2.25E-02	2.25E-02	2.24E-02	3.51E-03	9.83E-03	3.17E-02	2.54E-03	3.17E-03
	Sweetclover	PB	2.40E-01	1.00E-02	1.79E-02	2.87E-02	2.87E-02	1.40E-01	2.20E-02	6.15E-02	1.98E-01	1.02E-03	8.28E-04
	Sweetclover	SB	ND	ND	ND	ND	ND	9.30E-01	1.46E-01	4.08E-01	1.32E+00	1.00E-01	ND
	Sweetclover	SE	3.26E+00	6.80E-01	2.43E-01	4.50E-01	4.50E-01	2.27E+00	2.67E-01	7.47E-01	2.41E+00	3.05E-01	4.36E-03
	Sweetclover	V	ND	ND	ND	ND	ND	4.34E-02	3.23E-03	1.14E-02	3.62E-02	3.10E-02	ND
	Sweetclover	ZN	1.65E+00	3.45E-01	1.23E-01	2.46E-01	2.46E-01	3.51E-01	2.64E-02	9.26E-02	2.98E-01	1.28E-01	3.21E-02
10[b]	*Jackrabbit*	*AL*	*ND*	*ND*	*ND*	*ND*	*ND*	*9.66E-02*	*1.14E-04*	*9.89E-04*	*8.40E-05*	*5.93E-03*	*1.55E-03*
	Jackrabbit	*AG*	*1.03E-01*	*1.82E-04*	*4.81E-06*	*9.59E-06*	*9.59E-06*	*5.07E-03*	*3.82E-06*	*5.19E-05*	*3.53E-06*	*9.28E-02*	*ND*
	Jackrabbit	*AS*	*6.64E-02*	*1.17E-04*	*3.09E-06*	*6.18E-06*	*6.18E-06*	*3.93E-02*	*6.17E-05*	*6.71E-04*	*4.56E-05*	*1.34E-02*	*2.23E-03*
	Jackrabbit	*CD*	*1.05E+00*	*1.85E-03*	*4.89E-05*	*9.08E-05*	*9.08E-05*	*4.41E-02*	*6.89E-05*	*7.49E-04*	*5.09E-05*	*3.28E-02*	*4.92E-03*
	Jackrabbit	*CU*	*1.10E-01*	*1.93E-04*	*5.11E-06*	*1.02E-05*	*1.02E-05*	*2.07E-01*	*1.95E-04*	*2.12E-03*	*1.15E-04*	*8.74E-03*	*1.04E-02*
	Jackrabbit	*HG*	*2.06E-02*	*3.62E-05*	*9.57E-07*	*1.91E-06*	*1.91E-06*	*8.35E-03*	*9.98E-06*	*1.08E-04*	*7.38E-06*	*2.47E-02*	*7.41E-03*
	Jackrabbit	*ZN*	*3.75E+00*	*6.60E-03*	*1.75E-04*	*3.49E-04*	*3.49E-04*	*7.99E-01*	*6.01E-04*	*8.17E-03*	*5.56E-04*	*2.92E-01*	*7.30E-02*
	Jackrabbit	*PB*	*8.81E-01*	*3.10E-04*	*4.10E-05*	*6.57E-05*	*6.57E-05*	*5.15E-01*	*8.05E-04*	*8.75E-03*	*5.95E-04*	*3.72E-03*	*3.04E-03*
	Jackrabbit	*BE*	*9.30E-05*	*1.64E-07*	*4.33E-09*	*8.66E-09*	*8.66E-09*	*3.41E-05*	*5.35E-08*	*5.82E-07*	*3.96E-08*	*1.30E-04*	*ND*
	Jackrabbit	*CO*	*2.16E-05*	*3.79E-08*	*1.00E-09*	*2.01E-09*	*2.01E-09*	*1.21E-02*	*1.83E-05*	*1.99E-04*	*1.69E-05*	*1.31E-04*	*ND*
	Jackrabbit	*CR*	*2.66E-01*	*4.68E-04*	*1.24E-05*	*2.47E-05*	*2.47E-05*	*4.63E-03*	*4.36E-06*	*4.74E-05*	*2.58E-06*	*6.64E-04*	*1.25E-01*

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10 (cont.)	Jackrabbit	FE	8.48E-01	1.49E-03	3.95E-05	7.89E-05	7.89E-05	2.72E+00	4.27E-03	4.64E-02	3.15E-03	ND	4.77E-02
	Jackrabbit	MN	4.54E-03	7.98E-06	2.11E-07	4.22E-07	4.22E-07	4.49E-03	7.04E-06	7.65E-05	5.20E-06	5.36E-04	ND
	Jackrabbit	NI	1.18E-02	2.08E-05	5.51E-07	1.10E-06	1.10E-06	1.75E-03	2.75E-06	2.99E-05	2.03E-06	1.98E-04	2.48E-04
	Jackrabbit	V	ND	ND	ND	ND	ND	1.94E-02	1.45E-05	1.99E-04	1.33E-05	1.39E-02	ND
	Jackrabbit	BA	4.69E-01	8.25E-04	2.18E-05	4.36E-05	4.36E-05	6.15E-01	9.67E-04	1.05E-02	7.12E-04	1.31E-02	ND
	Jackrabbit	SE	4.10E+00	7.21E-03	1.91E-04	3.54E-04	3.54E-04	2.86E+00	3.36E-03	3.65E-02	2.49E-03	3.84E-01	5.49E-03
	Jackrabbit	SB	ND	ND	ND	ND	ND	6.94E-01	1.09E-03	1.18E-02	8.05E-04	7.46E-02	ND
11	Jackrabbit	AL	ND	ND	ND	ND	ND	9.66E-02	1.71E-04	1.48E-03	1.26E-04	5.93E-03	1.55E-03
	Jackrabbit	AG	1.03E-01	2.73E-04	7.22E-06	1.44E-05	1.44E-05	5.07E-03	5.73E-06	7.79E-05	5.30E-06	9.28E-02	ND
	Jackrabbit	AS	6.64E-02	1.75E-04	4.64E-06	9.28E-06	9.28E-06	3.93E-02	9.26E-05	1.01E-03	6.85E-05	1.34E-02	2.23E-03
	Jackrabbit	CD	3.75E+00	9.89E-03	2.62E-04	4.86E-04	4.86E-04	1.57E-01	3.69E-04	4.01E-03	2.73E-04	1.17E-01	1.76E-02
	Jackrabbit	CU	3.58E+00	9.44E-03	2.50E-04	4.99E-04	4.99E-04	6.75E+00	9.53E-03	1.04E-01	5.65E-03	2.85E-01	3.40E-01
	Jackrabbit	HG	4.16E-02	1.10E-04	2.91E-06	5.81E-06	5.81E-06	1.69E-02	3.03E-05	3.29E-04	2.24E-05	5.00E-02	1.50E-02
	Jackrabbit	ZN	1.44E+02	3.80E-01	1.00E-02	2.01E-02	2.01E-02	3.06E+01	3.46E-02	4.70E-01	3.20E-02	1.12E+01	2.80E+00
	Jackrabbit	PB	3.54E+02	1.87E-01	2.47E-02	3.96E-02	3.96E-02	2.07E+02	4.86E-01	5.28E+00	3.59E-01	1.50E+00	1.22E+00
	Jackrabbit	BE	9.30E-05	2.45E-07	6.49E-09	1.30E-08	1.30E-08	3.41E-05	8.03E-08	8.73E-07	5.94E-08	1.30E-04	ND
	Jackrabbit	CO	2.16E-05	5.69E-08	1.51E-09	3.01E-09	3.01E-09	1.21E-02	2.74E-05	2.98E-04	2.53E-05	1.31E-04	ND
	Jackrabbit	CR	2.66E-01	7.02E-04	1.86E-05	3.71E-05	3.71E-05	4.63E-03	6.54E-06	7.11E-05	3.87E-06	6.64E-04	1.25E-01
	Jackrabbit	FE	8.48E-01	2.24E-03	5.92E-05	1.18E-04	1.18E-04	2.72E+00	6.40E-03	6.96E-02	4.72E-03	ND	4.77E-02
	Jackrabbit	MN	4.54E-03	1.20E-05	3.17E-07	6.33E-07	6.33E-07	4.49E-03	1.06E-05	1.15E-04	7.80E-06	5.36E-04	ND
	Jackrabbit	NI	1.18E-02	3.12E-05	8.26E-07	1.65E-06	1.65E-06	1.75E-03	4.12E-06	4.48E-05	3.05E-06	1.98E-04	2.48E-04
	Jackrabbit	V	ND	ND	ND	ND	ND	1.94E-02	2.17E-05	2.98E-04	1.99E-05	1.39E-02	ND
	Jackrabbit	BA	1.37E+00	3.63E-03	9.59E-05	1.92E-04	1.92E-04	1.80E+00	4.25E-03	4.62E-02	3.13E-03	3.84E-02	ND
	Jackrabbit	SE	4.10E+00	1.08E-02	2.86E-04	5.32E-04	5.32E-04	2.86E+00	5.04E-03	5.48E-02	3.73E-03	3.84E-01	5.49E-03
	Jackrabbit	SB	ND	ND	ND	ND	ND	2.16E+01	5.08E-02	5.52E-01	3.75E-02	2.32E+00	ND
12	Jackrabbit	AL	ND	ND	ND	ND	ND	9.66E-02	8.53E-04	7.41E-03	6.30E-04	5.93E-03	1.55E-03
	Jackrabbit	AG	1.03E-01	1.36E-03	3.61E-05	7.19E-05	7.19E-05	5.07E-03	2.86E-05	3.89E-04	2.65E-05	9.28E-02	ND
	Jackrabbit	AS	6.64E-02	8.77E-04	2.32E-05	4.64E-05	4.64E-05	3.93E-02	4.63E-04	5.03E-03	3.42E-04	1.34E-02	2.23E-03
	Jackrabbit	CD	1.05E+00	1.39E-02	3.67E-04	6.81E-04	6.81E-04	4.41E-02	5.17E-04	5.62E-03	3.82E-04	3.28E-02	4.92E-03
	Jackrabbit	CU	2.85E-01	3.76E-03	9.94E-05	1.99E-04	1.99E-04	5.38E-01	3.80E-03	4.13E-02	2.25E-03	2.27E-02	2.71E-02
	Jackrabbit	HG	1.28E-02	1.69E-04	4.48E-06	8.95E-06	8.95E-06	5.21E-03	4.66E-05	5.07E-04	3.45E-05	1.54E-02	4.62E-03
	Jackrabbit	ZN	9.00E+00	1.19E-01	3.14E-03	6.28E-03	6.28E-03	1.91E+00	1.08E-02	1.47E-01	9.99E-03	7.00E-01	1.75E-01
	Jackrabbit	PB	1.68E+01	4.42E-02	5.85E-03	9.37E-03	9.37E-03	9.79E+00	1.15E-01	1.25E+00	8.49E-02	7.09E-02	5.78E-02
	Jackrabbit	BE	9.30E-05	1.23E-06	3.25E-08	6.49E-08	6.49E-08	3.41E-05	4.01E-07	4.37E-06	2.97E-07	1.30E-04	ND
	Jackrabbit	CO	2.16E-05	2.85E-07	7.53E-09	1.51E-08	1.51E-08	1.21E-02	1.37E-04	1.49E-03	1.27E-04	1.31E-04	ND
	Jackrabbit	CR	2.66E-01	3.51E-03	9.28E-05	1.86E-04	1.86E-04	4.63E-03	3.27E-05	3.55E-04	1.93E-05	6.64E-04	1.25E-01
	Jackrabbit	FE	8.48E-01	1.12E-02	2.96E-04	5.92E-04	5.92E-04	2.72E+00	3.20E-02	3.48E-01	2.36E-02	ND	4.77E-02
	Jackrabbit	MN	4.54E-03	5.99E-05	1.58E-06	3.17E-06	3.17E-06	4.49E-03	5.28E-05	5.74E-04	3.90E-05	5.36E-04	ND
	Jackrabbit	NI	1.18E-02	1.56E-04	4.13E-06	8.26E-06	8.26E-06	1.75E-03	2.06E-05	2.24E-04	1.52E-05	1.98E-04	2.48E-04
	Jackrabbit	V	ND	ND	ND	ND	ND	1.94E-02	1.09E-04	1.49E-03	9.96E-05	1.39E-02	ND
	Jackrabbit	BA	1.17E+00	1.54E-02	4.07E-04	8.14E-04	8.14E-04	1.53E+00	1.81E-02	1.96E-01	1.33E-02	3.26E-02	ND

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
12 (cont.)	Jackrabbit	SE	4.10E+00	5.41E-02	1.43E-03	2.66E-03	2.66E-03	2.86E+00	2.52E-02	2.74E-01	1.86E-02	3.84E-01	5.49E-03
	Jackrabbit	SB	ND	ND	ND	ND	ND	1.93E+00	2.28E-02	2.47E-01	1.68E-02	2.08E-01	ND
15	Jackrabbit	AL	ND	ND	ND	ND	ND	9.66E-02	2.84E-03	2.47E-02	2.10E-03	5.93E-03	1.55E-03
	Jackrabbit	AG	1.03E-01	4.55E-03	1.20E-04	2.40E-04	2.40E-04	5.07E-03	9.55E-05	1.30E-03	8.83E-05	9.28E-02	ND
	Jackrabbit	AS	6.64E-02	2.92E-03	7.73E-05	1.55E-04	1.55E-04	3.93E-02	1.54E-03	1.68E-02	1.14E-03	1.34E-02	2.23E-03
	Jackrabbit	CD	5.38E+00	2.37E-01	6.26E-03	1.16E-02	1.16E-02	2.26E-01	8.82E-03	9.59E-02	6.52E-03	1.68E-01	2.52E-02
	Jackrabbit	CU	3.00E+01	1.32E+00	3.49E-02	6.98E-02	6.98E-02	5.66E+01	1.33E+00	1.45E+01	7.89E-01	2.39E+00	2.85E+00
	Jackrabbit	HG	1.60E-01	7.05E-03	1.86E-04	3.73E-04	3.73E-04	6.50E-02	1.94E-03	2.11E-02	1.44E-03	1.92E-01	5.77E-02
	Jackrabbit	ZN	4.76E+01	2.09E+00	5.53E-02	1.11E-01	1.11E-01	1.01E+01	1.90E-01	2.59E+00	1.76E-01	3.70E+00	9.25E-01
	Jackrabbit	PB	3.08E+01	2.71E-01	3.59E-02	5.75E-02	5.75E-02	1.80E+01	7.04E-01	7.66E+00	5.21E-01	1.30E-01	1.06E-01
	Jackrabbit	BE	9.30E-05	4.09E-06	1.08E-07	2.16E-07	2.16E-07	3.41E-05	1.34E-06	1.46E-05	9.90E-07	1.30E-04	ND
	Jackrabbit	CO	2.16E-05	9.48E-07	2.51E-08	5.02E-08	5.02E-08	1.21E-02	4.57E-04	4.97E-03	4.22E-04	1.31E-04	ND
	Jackrabbit	CR	2.66E-01	1.17E-02	3.09E-04	6.19E-04	6.19E-04	4.63E-03	1.09E-04	1.18E-03	6.45E-05	6.64E-04	1.25E-01
	Jackrabbit	FE	8.48E-01	3.73E-02	9.87E-04	1.97E-03	1.97E-03	2.72E+00	1.07E-01	1.16E+00	7.87E-02	ND	4.77E-02
	Jackrabbit	MN	4.54E-03	2.00E-04	5.28E-06	1.06E-05	1.06E-05	4.49E-03	1.76E-04	1.91E-03	1.30E-04	5.36E-04	ND
	Jackrabbit	NI	1.18E-02	5.20E-04	1.38E-05	2.75E-05	2.75E-05	1.75E-03	6.87E-05	7.47E-04	5.08E-05	1.98E-04	2.48E-04
	Jackrabbit	V	ND	ND	ND	ND	ND	1.94E-02	3.62E-04	4.97E-03	3.32E-04	1.39E-02	ND
	Jackrabbit	BA	1.39E+00	6.11E-02	1.62E-03	3.23E-03	3.23E-03	1.82E+00	7.16E-02	7.79E-01	5.28E-02	3.88E-02	ND
	Jackrabbit	SE	7.17E+00	3.16E-01	8.35E-03	1.55E-02	1.55E-02	5.00E+00	1.47E-01	1.60E+00	1.09E-01	6.72E-01	9.60E-03
	Jackrabbit	SB	ND	ND	ND	ND	ND	7.38E+00	2.89E-01	3.15E+00	2.14E-01	7.94E-01	ND
1B	Jackrabbit	AL	ND	ND	ND	ND	ND	9.20E-02	2.84E-05	2.47E-04	2.10E-05	5.93E-03	1.55E-03
	Jackrabbit	AG	1.03E-01	4.55E-05	1.20E-06	2.40E-06	2.40E-06	4.83E-03	9.55E-07	1.30E-05	8.83E-07	9.28E-02	ND
	Jackrabbit	AS	6.64E-02	2.92E-05	7.73E-07	1.55E-06	1.55E-06	3.74E-02	1.54E-05	1.68E-04	1.14E-05	1.34E-02	2.23E-03
	Jackrabbit	CD	6.12E+00	2.69E-03	7.12E-05	1.32E-04	1.32E-04	2.45E-01	1.00E-04	1.09E-03	7.42E-05	1.91E-01	2.87E-02
	Jackrabbit	CU	3.75E-01	1.65E-04	4.37E-06	8.73E-06	8.73E-06	6.75E-01	1.67E-04	1.81E-03	9.87E-05	2.99E-02	3.57E-02
	Jackrabbit	HG	1.28E-02	5.64E-06	1.49E-07	2.98E-07	2.98E-07	4.96E-03	1.55E-06	1.69E-05	1.15E-06	1.54E-02	4.62E-03
	Jackrabbit	ZN	1.43E+00	6.31E-04	1.67E-05	3.34E-05	3.34E-05	2.91E-01	5.74E-05	7.81E-04	5.31E-05	1.12E-01	2.79E-02
	Jackrabbit	PB	5.84E+00	5.14E-04	6.79E-05	1.09E-04	1.09E-04	3.25E+00	1.33E-03	1.45E-02	9.87E-04	2.47E-02	2.01E-02
	Jackrabbit	BE	9.30E-05	4.09E-08	1.08E-09	2.16E-09	2.16E-09	3.25E-05	1.34E-08	1.46E-07	9.90E-09	1.30E-04	ND
	Jackrabbit	CO	2.16E-05	9.48E-09	2.51E-10	5.02E-10	5.02E-10	1.16E-02	4.57E-06	4.97E-05	4.22E-06	1.31E-04	ND
	Jackrabbit	CR	2.66E-01	1.17E-04	3.09E-06	6.19E-06	6.19E-06	4.41E-03	1.09E-06	1.18E-05	6.45E-07	6.64E-04	1.25E-01
	Jackrabbit	FE	8.48E-01	3.73E-04	9.87E-06	1.97E-05	1.97E-05	2.59E+00	1.07E-03	1.16E-02	7.87E-04	ND	4.77E-02
	Jackrabbit	MN	4.54E-03	2.00E-06	5.28E-08	1.06E-07	1.06E-07	4.27E-03	1.76E-06	1.91E-05	1.30E-06	5.36E-04	ND
	Jackrabbit	NI	1.18E-02	5.20E-06	1.38E-07	2.75E-07	2.75E-07	1.67E-03	6.87E-07	7.47E-06	5.08E-07	1.98E-04	2.48E-04
	Jackrabbit	V	ND	ND	ND	ND	ND	1.85E-02	3.62E-06	4.97E-05	3.32E-06	1.39E-02	ND
	Jackrabbit	BA	1.14E+00	5.00E-04	1.32E-05	2.65E-05	2.65E-05	1.42E+00	5.87E-04	6.38E-03	4.32E-04	3.18E-02	ND
	Jackrabbit	SE	4.10E+00	1.80E-03	4.77E-05	8.86E-05	8.86E-05	2.72E+00	8.40E-04	9.13E-03	6.21E-04	3.84E-01	5.49E-03
	Jackrabbit	SB	ND	ND	ND	ND	ND	6.61E-01	2.72E-04	2.96E-03	2.01E-04	7.46E-02	ND
1C	Jackrabbit	AL	ND	ND	ND	ND	ND	9.66E-02	1.14E-03	9.89E-03	8.40E-04	5.93E-03	1.55E-03
	Jackrabbit	AG	1.03E-01	1.82E-03	4.81E-05	9.59E-05	9.59E-05	5.07E-03	3.82E-05	5.19E-04	3.53E-05	9.28E-02	ND
	Jackrabbit	AS	6.64E-02	1.17E-03	3.09E-05	6.18E-05	6.18E-05	3.93E-02	6.17E-04	6.71E-03	4.56E-04	1.34E-02	2.23E-03

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1C (cont.)	Jackrabbit	CD	1.05E+00	1.85E-02	4.89E-04	9.08E-04	9.08E-04	4.41E-02	6.89E-04	7.49E-03	5.09E-04	3.28E-02	4.92E-03
	Jackrabbit	CU	2.80E-01	4.92E-03	1.30E-04	2.61E-04	2.61E-04	5.28E-01	4.97E-03	5.41E-02	2.95E-03	2.23E-02	2.66E-02
	Jackrabbit	HG	1.28E-02	2.26E-04	5.97E-06	1.19E-05	1.19E-05	5.21E-03	6.22E-05	6.76E-04	4.60E-05	1.54E-02	4.62E-03
	Jackrabbit	ZN	7.87E-01	1.38E-02	3.66E-04	7.32E-04	7.32E-04	1.67E-01	1.26E-03	1.71E-02	1.16E-03	6.12E-02	1.53E-02
	Jackrabbit	PB	3.34E+00	1.18E-02	1.55E-03	2.49E-03	2.49E-03	1.95E+00	3.05E-02	3.32E-01	2.26E-02	1.41E-02	1.15E-02
	Jackrabbit	BE	9.30E-05	1.64E-06	4.33E-08	8.66E-08	8.66E-08	3.41E-05	5.35E-07	5.82E-06	3.96E-07	1.30E-04	ND
	Jackrabbit	CO	2.16E-05	3.79E-07	1.00E-08	2.01E-08	2.01E-08	1.21E-02	1.83E-04	1.99E-03	1.69E-04	1.31E-04	ND
	Jackrabbit	CR	2.66E-01	4.68E-03	1.24E-04	2.47E-04	2.47E-04	4.63E-03	4.36E-05	4.74E-04	2.58E-05	6.64E-04	1.25E-01
	Jackrabbit	FE	8.48E-01	1.49E-02	3.95E-04	7.89E-04	7.89E-04	2.72E+00	4.27E-02	4.64E-01	3.15E-02	ND	4.77E-02
	Jackrabbit	MN	4.54E-03	7.98E-05	2.11E-06	4.22E-06	4.22E-06	4.49E-03	7.04E-05	7.65E-04	5.20E-05	5.36E-04	ND
	Jackrabbit	NI	1.18E-02	2.08E-04	5.51E-06	1.10E-05	1.10E-05	1.75E-03	2.75E-05	2.99E-04	2.03E-05	1.98E-04	2.48E-04
	Jackrabbit	V	ND	ND	ND	ND	ND	1.94E-02	1.45E-04	1.99E-03	1.33E-04	1.39E-02	ND
	Jackrabbit	BA	1.24E+00	2.19E-02	5.79E-04	1.16E-03	1.16E-03	1.63E+00	2.57E-02	2.79E-01	1.89E-02	3.48E-02	ND
	Jackrabbit	SE	4.10E+00	7.21E-02	1.91E-03	3.54E-03	3.54E-03	2.86E+00	3.36E-02	3.65E-01	2.49E-02	3.84E-01	5.49E-03
	Jackrabbit	SB	ND	ND	ND	ND	ND	6.94E-01	1.09E-02	1.18E-01	8.05E-03	7.46E-02	ND
21	Jackrabbit	AL	ND	ND	ND	ND	ND	2.30E-02	7.11E-06	6.18E-05	5.25E-06	5.93E-03	1.55E-03
	Jackrabbit	AG	4.31E-02	1.14E-05	3.01E-07	5.99E-07	5.99E-07	1.21E-03	2.39E-07	3.24E-06	2.21E-07	9.28E-02	ND
	Jackrabbit	AS	2.77E-02	7.30E-06	1.93E-07	3.86E-07	3.86E-07	9.35E-03	3.86E-06	4.19E-05	2.85E-06	1.34E-02	2.23E-03
	Jackrabbit	CD	7.83E+00	2.07E-03	5.47E-05	1.02E-04	1.02E-04	1.88E-01	7.70E-05	8.37E-04	5.69E-05	5.87E-01	8.80E-02
	Jackrabbit	CU	2.22E+00	5.87E-04	1.55E-05	3.10E-05	3.10E-05	2.40E+00	5.92E-04	6.44E-03	3.51E-04	4.25E-01	5.07E-01
	Jackrabbit	HG	8.85E-03	2.34E-06	6.18E-08	1.24E-07	1.24E-07	2.05E-03	6.44E-07	7.00E-06	4.76E-07	2.55E-02	7.65E-03
	Jackrabbit	ZN	2.15E+00	5.68E-04	1.50E-05	3.01E-05	3.01E-05	2.62E-01	5.17E-05	7.03E-04	4.78E-05	4.02E-01	1.01E-01
	Jackrabbit	PB	4.41E+01	2.33E-03	3.08E-04	4.93E-04	4.93E-04	1.47E+01	6.04E-03	6.57E-02	4.47E-03	4.47E-01	3.65E-01
	Jackrabbit	BE	3.88E-05	1.02E-08	2.71E-10	5.41E-10	5.41E-10	8.13E-06	3.35E-09	3.64E-08	2.47E-09	1.30E-04	ND
	Jackrabbit	CO	8.98E-06	2.37E-09	6.27E-11	1.25E-10	1.25E-10	2.89E-03	1.14E-06	1.24E-05	1.06E-06	1.31E-04	ND
	Jackrabbit	CR	1.11E-01	2.92E-05	7.73E-07	1.55E-06	1.55E-06	1.10E-03	2.72E-07	2.96E-06	1.61E-07	6.64E-04	1.25E-01
	Jackrabbit	FE	3.53E-01	9.32E-05	2.47E-06	4.93E-06	4.93E-06	6.47E-01	2.67E-04	2.90E-03	1.97E-04	ND	4.77E-02
	Jackrabbit	MN	1.89E-03	4.99E-07	1.32E-08	2.64E-08	2.64E-08	1.07E-03	4.40E-07	4.78E-06	3.25E-07	5.36E-04	ND
	Jackrabbit	NI	4.93E-03	1.30E-06	3.44E-08	6.88E-08	6.88E-08	4.17E-04	1.72E-07	1.87E-06	1.27E-07	1.98E-04	2.48E-04
	Jackrabbit	V	ND	ND	ND	ND	ND	4.63E-03	9.04E-07	1.24E-05	8.30E-07	1.39E-02	ND
	Jackrabbit	BA	9.57E-01	2.53E-04	6.68E-06	1.34E-05	1.34E-05	7.18E-01	2.96E-04	3.22E-03	2.18E-04	6.42E-02	ND
	Jackrabbit	SE	1.71E+00	4.51E-04	1.19E-05	2.21E-05	2.21E-05	6.80E-01	2.10E-04	2.28E-03	1.55E-04	3.84E-01	5.49E-03
	Jackrabbit	SB	ND	ND	ND	ND	ND	4.34E+00	1.78E-03	1.94E-02	1.32E-03	1.96E+00	ND
37	Jackrabbit	AL	ND	ND	ND	ND	ND	9.66E-02	3.98E-05	3.46E-04	2.94E-05	5.93E-03	1.55E-03
	Jackrabbit	AG	1.03E-01	6.37E-05	1.68E-06	3.36E-06	3.36E-06	5.07E-03	1.34E-06	1.82E-05	1.24E-06	9.28E-02	ND
	Jackrabbit	AS	6.64E-02	4.09E-05	1.08E-06	2.16E-06	2.16E-06	3.93E-02	2.16E-05	2.35E-04	1.60E-05	1.34E-02	2.23E-03
	Jackrabbit	CD	1.05E+00	6.47E-04	1.71E-05	3.18E-05	3.18E-05	4.41E-02	2.41E-05	2.62E-04	1.78E-05	3.28E-02	4.92E-03
	Jackrabbit	CU	1.83E-01	1.13E-04	2.98E-06	5.97E-06	5.97E-06	3.46E-01	1.14E-04	1.24E-03	6.75E-05	1.46E-02	1.74E-02
	Jackrabbit	HG	1.28E-02	7.90E-06	2.09E-07	4.18E-07	4.18E-07	5.21E-03	2.18E-06	2.37E-05	1.61E-06	1.54E-02	4.62E-03
	Jackrabbit	ZN	7.38E-01	4.54E-04	1.20E-05	2.40E-05	2.40E-05	1.57E-01	4.14E-05	5.62E-04	3.82E-05	5.74E-02	1.44E-02
	Jackrabbit	PB	1.40E+00	1.72E-04	2.28E-05	3.65E-05	3.65E-05	8.17E-01	4.47E-04	4.86E-03	3.31E-04	5.91E-03	4.82E-03

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
37 (cont.)	*Jackrabbit*	*BE*	*9.30E-05*	*5.73E-08*	*1.52E-09*	*3.03E-09*	*3.03E-09*	*3.41E-05*	*1.87E-08*	*2.04E-07*	*1.39E-08*	*1.30E-04*	*ND*
	Jackrabbit	*CO*	*2.16E-05*	*1.33E-08*	*3.51E-10*	*7.03E-10*	*7.03E-10*	*1.21E-02*	*6.39E-06*	*6.95E-05*	*5.91E-06*	*1.31E-04*	*ND*
	Jackrabbit	*CR*	*2.66E-01*	*1.64E-04*	*4.33E-06*	*8.66E-06*	*8.66E-06*	*4.63E-03*	*1.53E-06*	*1.66E-05*	*9.02E-07*	*6.64E-04*	*1.25E-01*
	Jackrabbit	*FE*	*8.48E-01*	*5.22E-04*	*1.38E-05*	*2.76E-05*	*2.76E-05*	*2.72E+00*	*1.49E-03*	*1.62E-02*	*1.10E-03*	*ND*	*4.77E-02*
	Jackrabbit	*MN*	*4.54E-03*	*2.79E-06*	*7.39E-08*	*1.48E-07*	*1.48E-07*	*4.49E-03*	*2.46E-06*	*2.68E-05*	*1.82E-06*	*5.36E-04*	*ND*
	Jackrabbit	*NI*	*1.18E-02*	*7.28E-06*	*1.93E-07*	*3.85E-07*	*3.85E-07*	*1.75E-03*	*9.61E-07*	*1.05E-05*	*7.11E-07*	*1.98E-04*	*2.48E-04*
	Jackrabbit	*V*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.94E-02*	*5.06E-06*	*6.96E-05*	*4.65E-06*	*1.39E-02*	*ND*
	Jackrabbit	*BA*	*5.04E-01*	*3.10E-04*	*8.21E-06*	*1.64E-05*	*1.64E-05*	*6.61E-01*	*3.64E-04*	*3.96E-03*	*2.68E-04*	*1.41E-02*	*ND*
	Jackrabbit	*SE*	*4.10E+00*	*2.52E-03*	*6.68E-05*	*1.24E-04*	*1.24E-04*	*2.86E+00*	*1.18E-03*	*1.28E-02*	*8.70E-04*	*3.84E-01*	*5.49E-03*
	Jackrabbit	*SB*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.94E-01*	*3.81E-04*	*4.14E-03*	*2.82E-04*	*7.46E-02*	*ND*
42	*Jackrabbit*	*AL*	*ND*	*ND*	*ND*	*ND*	*ND*	*9.66E-02*	*2.05E-03*	*1.78E-02*	*1.51E-03*	*5.93E-03*	*1.55E-03*
	Jackrabbit	*AG*	*1.03E-01*	*3.27E-03*	*8.66E-05*	*1.73E-04*	*1.73E-04*	*5.07E-03*	*6.87E-05*	*9.34E-04*	*6.36E-05*	*9.28E-02*	*ND*
	Jackrabbit	*AS*	*6.64E-02*	*2.10E-03*	*5.57E-05*	*1.11E-04*	*1.11E-04*	*3.93E-02*	*1.11E-03*	*1.21E-02*	*8.22E-04*	*1.34E-02*	*2.23E-03*
	Jackrabbit	*CD*	*7.26E+00*	*2.30E-01*	*6.08E-03*	*1.13E-02*	*1.13E-02*	*3.05E-01*	*8.57E-03*	*9.32E-02*	*6.34E-03*	*2.27E-01*	*3.40E-02*
	Jackrabbit	*CU*	*1.79E+00*	*5.68E-02*	*1.50E-03*	*3.01E-03*	*3.01E-03*	*3.39E+00*	*5.74E-02*	*6.24E-01*	*3.40E-02*	*1.43E-01*	*1.71E-01*
	Jackrabbit	*HG*	*3.05E-02*	*9.67E-04*	*2.56E-05*	*5.12E-05*	*5.12E-05*	*1.24E-02*	*2.67E-04*	*2.90E-03*	*1.97E-04*	*3.67E-02*	*1.10E-02*
	Jackrabbit	*ZN*	*1.15E+00*	*3.64E-02*	*9.63E-04*	*1.93E-03*	*1.93E-03*	*2.45E-01*	*3.31E-03*	*4.50E-02*	*3.06E-03*	*8.94E-02*	*2.24E-02*
	Jackrabbit	*PB*	*1.02E+02*	*6.49E-01*	*8.58E-02*	*1.37E-01*	*1.37E-01*	*5.99E+01*	*1.69E+00*	*1.83E+01*	*1.25E+00*	*4.33E-01*	*3.53E-01*
	Jackrabbit	*BE*	*9.30E-05*	*2.95E-06*	*7.79E-08*	*1.56E-07*	*1.56E-07*	*3.41E-05*	*9.64E-07*	*1.05E-05*	*7.13E-07*	*1.30E-04*	*ND*
	Jackrabbit	*CO*	*2.16E-05*	*6.83E-07*	*1.81E-08*	*3.61E-08*	*3.61E-08*	*1.21E-02*	*3.29E-04*	*3.58E-03*	*3.04E-04*	*1.31E-04*	*ND*
	Jackrabbit	*CR*	*2.66E-01*	*8.42E-03*	*2.23E-04*	*4.45E-04*	*4.45E-04*	*4.63E-03*	*7.84E-05*	*8.53E-04*	*4.64E-05*	*6.64E-04*	*1.25E-01*
	Jackrabbit	*FE*	*8.48E-01*	*2.69E-02*	*7.10E-04*	*1.42E-03*	*1.42E-03*	*2.72E+00*	*7.68E-02*	*8.35E-01*	*5.66E-02*	*ND*	*4.77E-02*
	Jackrabbit	*MN*	*4.54E-03*	*1.44E-04*	*3.80E-06*	*7.60E-06*	*7.60E-06*	*4.49E-03*	*1.27E-04*	*1.38E-03*	*9.36E-05*	*5.36E-04*	*ND*
	Jackrabbit	*NI*	*1.18E-02*	*3.75E-04*	*9.91E-06*	*1.98E-05*	*1.98E-05*	*1.75E-03*	*4.94E-05*	*5.38E-04*	*3.66E-05*	*1.98E-04*	*2.48E-04*
	Jackrabbit	*V*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.94E-02*	*2.60E-04*	*3.58E-03*	*2.39E-04*	*1.39E-02*	*ND*
	Jackrabbit	*BA*	*2.78E+00*	*8.81E-02*	*2.33E-03*	*4.66E-03*	*4.66E-03*	*3.65E+00*	*1.03E-01*	*1.12E+00*	*7.62E-02*	*7.78E-02*	*ND*
	Jackrabbit	*SE*	*5.73E+00*	*1.82E-01*	*4.80E-03*	*8.92E-03*	*8.92E-03*	*4.00E+00*	*8.46E-02*	*9.20E-01*	*6.26E-02*	*5.37E-01*	*7.67E-03*
	Jackrabbit	*SB*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.74E+02*	*4.92E+00*	*5.35E+01*	*3.64E+00*	*1.88E+01*	*ND*

[a]No toxicity data.

[b]Italics indicate that hazard quotients represent modeled or calculated data, or data based on 1/2 the method detection limit.

Final Hazard Quotients for Metals in Biota (Invertebrates)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10/11	Beetle	AG	0.0233	0.0001	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000	0.0000	0.0209	ND[a]
	Beetle	AL	ND	ND	ND	ND	ND	1.6647	0.0049	0.0426	0.0036	0.1022	0.0266
	Beetle	AS	1.1401	0.0050	0.0001	0.0003	0.0003	0.6737	0.0026	0.0288	0.0020	0.2300	0.0383
	Beetle	BA	0.2289	0.0010	0.0000	0.0001	0.0001	0.3006	0.0012	0.0128	0.0009	0.0064	ND
	Beetle	BE	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0002	ND
	Beetle	CD	2.3489	0.0103	0.0003	0.0005	0.0005	0.0986	0.0004	0.0042	0.0003	0.0733	0.0110
	Beetle	CO	0.0009	0.0000	0.0000	0.0000	0.0000	0.5115	0.0019	0.0209	0.0018	0.0055	ND
	Beetle	CR	2.4557	0.0108	0.0003	0.0006	0.0006	0.0428	0.0001	0.0011	0.0001	0.0061	1.1500
	Beetle	CU	0.9036	0.0040	0.0001	0.0002	0.0002	1.7060	0.0040	0.0436	0.0024	0.0720	0.0859
	Beetle	FE	1.7653	0.0078	0.0002	0.0004	0.0004	5.6599	0.0222	0.2414	0.0164	ND	0.0992
	Beetle	HG	0.0555	0.0002	0.0000	0.0000	0.0000	0.0225	0.0001	0.0007	0.0000	0.0667	0.0200
	Beetle	MN	0.1219	0.0005	0.0000	0.0000	0.0000	0.1205	0.0005	0.0051	0.0003	0.0144	ND
	Beetle	NI	0.0467	0.0002	0.0000	0.0000	0.0000	0.0069	0.0000	0.0003	0.0000	0.0008	0.0010
	Beetle	PB	0.3685	0.0003	0.0000	0.0001	0.0001	0.2154	0.0008	0.0092	0.0006	0.0016	0.0013
	Beetle	SB	ND	ND	ND	ND	ND	0.5208	0.0020	0.0222	0.0015	0.0560	ND
	Beetle	SE	1.8151	0.0080	0.0002	0.0004	0.0004	1.2648	0.0037	0.0404	0.0028	0.1700	0.0024
	Beetle	V	ND	ND	ND	ND	ND	0.0983	0.0002	0.0025	0.0002	0.0700	ND
	Beetle	ZN	11.7466	0.0517	0.0014	0.0027	0.0027	2.5001	0.0047	0.0639	0.0043	0.9140	0.2285
	Grasshopper	AG	0.0233	0.0001	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000	0.0000	0.0209	ND
	Grasshopper	AL	ND	ND	ND	ND	ND	0.9306	0.0027	0.0238	0.0020	0.0571	0.0149
	Grasshopper	AS	0.1388	0.0006	0.0000	0.0000	0.0000	0.0820	0.0003	0.0035	0.0002	0.0280	0.0047
	Grasshopper	BA	0.2361	0.0010	0.0000	0.0001	0.0001	0.3100	0.0012	0.0132	0.0009	0.0066	ND
	Grasshopper	BE	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0002	ND
	Grasshopper	CD	2.7760	0.0122	0.0003	0.0006	0.0006	0.1165	0.0005	0.0049	0.0003	0.0867	0.0130
	Grasshopper	CO	0.0006	0.0000	0.0000	0.0000	0.0000	0.3255	0.0012	0.0133	0.0011	0.0035	ND
	Grasshopper	CR	1.6015	0.0070	0.0002	0.0004	0.0004	0.0279	0.0001	0.0007	0.0000	0.0040	0.7500
	Grasshopper	CU	4.8567	0.0214	0.0006	0.0011	0.0011	9.1697	0.0216	0.2345	0.0128	0.3870	0.4618
	Grasshopper	FE	1.1851	0.0052	0.0001	0.0003	0.0003	3.7999	0.0149	0.1621	0.0110	ND	0.0666
	Grasshopper	HG	0.0278	0.0001	0.0000	0.0000	0.0000	0.0113	0.0000	0.0004	0.0000	0.0333	0.0100
	Grasshopper	MN	0.0762	0.0003	0.0000	0.0000	0.0000	0.0753	0.0003	0.0032	0.0002	0.0090	ND
	Grasshopper	NI	0.0468	0.0002	0.0000	0.0000	0.0000	0.0069	0.0000	0.0003	0.0000	0.0008	0.0010
	Grasshopper	PB	0.4164	0.0004	0.0000	0.0001	0.0001	0.2433	0.0010	0.0103	0.0007	0.0018	0.0014
	Grasshopper	SB	ND	ND	ND	ND	ND	0.5394	0.0021	0.0230	0.0016	0.0580	ND
	Grasshopper	SE	1.7083	0.0075	0.0002	0.0004	0.0004	1.1904	0.0035	0.0381	0.0026	0.1600	0.0023
	Grasshopper	V	ND	ND	ND	ND	ND	0.0632	0.0001	0.0016	0.0001	0.0450	ND
	Grasshopper	ZN	14.9853	0.0659	0.0017	0.0035	0.0035	3.1894	0.0060	0.0816	0.0055	1.1660	0.2915
12/15	Beetle	AG	0.0234	0.0013	0.0000	0.0001	0.0001	0.0011	0.0000	0.0003	0.0000	0.0210	ND
	Beetle	AL	ND	ND	ND	ND	ND	0.8391	0.0321	0.2210	0.0237	0.0515	0.0134
	Beetle	AS	1.4376	0.0822	0.0022	0.0043	0.0043	0.8494	0.0434	0.3739	0.0321	0.2900	0.0483
	Beetle	BA	0.1359	0.0078	0.0002	0.0004	0.0004	0.1785	0.0091	0.0786	0.0067	0.0038	ND
	Beetle	BE	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0002	ND

Final Hazard Quotients for Metals in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
12/15 (cont.)	Beetle	CD	2.3489	0.1343	0.0036	0.0066	0.0066	0.0986	0.0050	0.0431	0.0037	0.0733	0.0110
	Beetle	CO	0.0006	0.0000	0.0000	0.0000	0.0000	0.3255	0.0159	0.1372	0.0147	0.0035	ND
	Beetle	CR	1.4948	0.0855	0.0023	0.0045	0.0045	0.0260	0.0008	0.0069	0.0005	0.0037	0.7000
	Beetle	CU	0.9538	0.0545	0.0014	0.0029	0.0029	1.8008	0.0551	0.4744	0.0326	0.0760	0.0907
	Beetle	FE	1.2403	0.0709	0.0019	0.0038	0.0038	3.9767	0.2028	1.7470	0.1496	ND	0.0697
	Beetle	HG	0.0555	0.0032	0.0001	0.0002	0.0002	0.0225	0.0009	0.0075	0.0006	0.0667	0.0200
	Beetle	MN	0.0965	0.0055	0.0001	0.0003	0.0003	0.0954	0.0049	0.0419	0.0036	0.0114	ND
	Beetle	NI	0.0954	0.0055	0.0001	0.0003	0.0003	0.0141	0.0007	0.0062	0.0005	0.0016	0.0020
	Beetle	PB	0.4068	0.0047	0.0006	0.0010	0.0010	0.2377	0.0121	0.1041	0.0089	0.0017	0.0014
	Beetle	SB	ND	ND	ND	ND	ND	0.1896	0.0097	0.0833	0.0071	0.0204	ND
	Beetle	SE	2.0286	0.1160	0.0031	0.0057	0.0057	1.4136	0.0540	0.4655	0.0400	0.1900	0.0027
	Beetle	V	ND	ND	ND	ND	ND	0.0246	0.0006	0.0065	0.0005	0.0175	ND
	Beetle	ZN	13.6230	0.7790	0.0206	0.0412	0.0412	2.8994	0.0709	0.7638	0.0656	1.0600	0.2650
	Grasshopper	AG	0.0233	0.0013	0.0000	0.0001	0.0001	0.0011	0.0000	0.0003	0.0000	0.0209	ND
	Grasshopper	AL	ND	ND	ND	ND	ND	0.7999	0.0306	0.2107	0.0226	0.0491	0.0128
	Grasshopper	AS	0.0851	0.0049	0.0001	0.0003	0.0003	0.0503	0.0026	0.0221	0.0019	0.0172	0.0029
	Grasshopper	BA	0.1860	0.0106	0.0003	0.0006	0.0006	0.2442	0.0125	0.1075	0.0092	0.0052	ND
	Grasshopper	BE	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0002	ND
	Grasshopper	CD	3.2255	0.1844	0.0049	0.0091	0.0091	0.1354	0.0069	0.0592	0.0051	0.1007	0.0151
	Grasshopper	CO	0.0007	0.0000	0.0000	0.0000	0.0000	0.4175	0.0204	0.1760	0.0189	0.0045	ND
	Grasshopper	CR	1.3685	0.0783	0.0021	0.0041	0.0041	0.0238	0.0007	0.0063	0.0004	0.0034	0.6409
	Grasshopper	CU	3.1087	0.1778	0.0047	0.0094	0.0094	5.8694	0.1795	1.5462	0.1063	0.2477	0.2956
	Grasshopper	FE	0.8895	0.0509	0.0013	0.0027	0.0027	2.8519	0.1454	1.2528	0.1073	ND	0.0500
	Grasshopper	HG	0.0398	0.0023	0.0001	0.0001	0.0001	0.0162	0.0006	0.0054	0.0005	0.0478	0.0144
	Grasshopper	MN	0.0882	0.0050	0.0001	0.0003	0.0003	0.0872	0.0044	0.0383	0.0033	0.0104	ND
	Grasshopper	NI	0.0936	0.0053	0.0001	0.0003	0.0003	0.0139	0.0007	0.0061	0.0005	0.0016	0.0020
	Grasshopper	PB	0.2362	0.0027	0.0004	0.0006	0.0006	0.1380	0.0070	0.0605	0.0052	0.0010	0.0008
	Grasshopper	SB	ND	ND	ND	ND	ND	0.5302	0.0270	0.2328	0.0200	0.0570	ND
	Grasshopper	SE	1.5693	0.0897	0.0024	0.0044	0.0044	1.0935	0.0418	0.3601	0.0309	0.1470	0.0021
	Grasshopper	V	ND	ND	ND	ND	ND	0.0443	0.0011	0.0117	0.0010	0.0315	ND
	Grasshopper	ZN	15.8219	0.9047	0.0239	0.0479	0.0479	3.3674	0.0824	0.8871	0.0762	1.2311	0.3078
1b/1c	Beetle	AG	0.0232	0.0004	0.0000	0.0000	0.0000	0.0011	0.0000	0.0001	0.0000	0.0208	ND
	Beetle	AL	ND	ND	ND	ND	ND	3.0126	0.0363	0.3159	0.0269	0.1849	0.0482
	Beetle	AS	0.1983	0.0036	0.0001	0.0002	0.0002	0.1172	0.0019	0.0205	0.0014	0.0400	0.0067
	Beetle	BA	0.7155	0.0129	0.0003	0.0007	0.0007	0.9394	0.0151	0.1646	0.0111	0.0200	ND
	Beetle	BE	0.0007	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0010	ND
	Beetle	CD	4.4843	0.0809	0.0021	0.0040	0.0040	0.1882	0.0030	0.0328	0.0022	0.1400	0.0210
	Beetle	CO	0.0013	0.0000	0.0000	0.0000	0.0000	0.7440	0.0115	0.1248	0.0106	0.0080	ND
	Beetle	CR	2.7226	0.0491	0.0013	0.0026	0.0026	0.0474	0.0005	0.0050	0.0003	0.0068	1.2750
	Beetle	CU	0.8785	0.0158	0.0004	0.0008	0.0008	1.6586	0.0160	0.1739	0.0095	0.0700	0.0835
	Beetle	FE	2.6692	0.0481	0.0013	0.0025	0.0025	8.5583	0.1376	1.4965	0.1015	ND	0.1500

Final Hazard Quotients for Metals in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1b/1c (cont.)	Beetle	HG	0.0555	0.0010	0.0000	0.0001	0.0001	0.0225	0.0003	0.0030	0.0002	0.0667	0.0200
	Beetle	MN	0.2437	0.0044	0.0001	0.0002	0.0002	0.2411	0.0039	0.0421	0.0029	0.0288	ND
	Beetle	NI	0.2075	0.0037	0.0001	0.0002	0.0002	0.0307	0.0005	0.0054	0.0004	0.0035	0.0044
	Beetle	PB	0.4068	0.0015	0.0002	0.0003	0.0003	0.2377	0.0038	0.0414	0.0028	0.0017	0.0014
	Beetle	SB	ND	ND	ND	ND	ND	0.4836	0.0078	0.0845	0.0057	0.0520	ND
	Beetle	SE	0.5338	0.0096	0.0003	0.0005	0.0005	0.3720	0.0045	0.0488	0.0033	0.0500	0.0007
	Beetle	V	ND	ND	ND	ND	ND	0.1334	0.0010	0.0140	0.0009	0.0950	ND
	Beetle	ZN	9.2019	0.1660	0.0044	0.0088	0.0088	1.9585	0.0151	0.2054	0.0140	0.7160	0.1790
	Grasshopper	AG	0.0557	0.0010	0.0000	0.0001	0.0001	0.0027	0.0000	0.0003	0.0000	0.0500	ND
	Grasshopper	AL	ND	ND	ND	ND	ND	1.8120	0.0219	0.1900	0.0162	0.1112	0.0290
	Grasshopper	AS	0.0444	0.0008	0.0000	0.0000	0.0000	0.0262	0.0004	0.0046	0.0003	0.0090	0.0015
	Grasshopper	BA	0.4221	0.0076	0.0002	0.0004	0.0004	0.5542	0.0089	0.0971	0.0066	0.0118	ND
	Grasshopper	BE	0.0007	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0010	ND
	Grasshopper	CD	8.4348	0.1521	0.0040	0.0075	0.0075	0.3541	0.0057	0.0616	0.0042	0.2633	0.0395
	Grasshopper	CO	0.0012	0.0000	0.0000	0.0000	0.0000	0.6510	0.0100	0.1092	0.0093	0.0070	ND
	Grasshopper	CR	1.6015	0.0289	0.0008	0.0015	0.0015	0.0279	0.0003	0.0029	0.0002	0.0040	0.7500
	Grasshopper	CU	3.9532	0.0713	0.0019	0.0038	0.0038	7.4637	0.0720	0.7827	0.0426	0.3150	0.3759
	Grasshopper	FE	1.6994	0.0306	0.0008	0.0016	0.0016	5.4488	0.0876	0.9528	0.0646	ND	0.0955
	Grasshopper	HG	0.0555	0.0010	0.0000	0.0001	0.0001	0.0225	0.0003	0.0030	0.0002	0.0667	0.0200
	Grasshopper	MN	0.1354	0.0024	0.0001	0.0001	0.0001	0.1339	0.0022	0.0234	0.0016	0.0160	ND
	Grasshopper	NI	0.0468	0.0008	0.0000	0.0000	0.0000	0.0069	0.0001	0.0012	0.0001	0.0008	0.0010
	Grasshopper	PB	0.1819	0.0007	0.0001	0.0001	0.0001	0.1063	0.0017	0.0185	0.0013	0.0008	0.0006
	Grasshopper	SB	ND	ND	ND	ND	ND	0.1933	0.0031	0.0338	0.0023	0.0208	ND
	Grasshopper	SE	1.8151	0.0327	0.0009	0.0016	0.0016	1.2648	0.0152	0.1658	0.0113	0.1700	0.0024
	Grasshopper	V	ND	ND	ND	ND	ND	0.0983	0.0007	0.0103	0.0007	0.0700	ND
	Grasshopper	ZN	15.6279	0.2818	0.0075	0.0149	0.0149	3.3261	0.0257	0.3488	0.0237	1.2160	0.3040
21/37	Beetle	AG	0.0233	0.0000	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000	0.0000	0.0209	ND
	Beetle	AL	ND	ND	ND	ND	ND	1.5844	0.0008	0.0067	0.0006	0.0973	0.0254
	Beetle	AS	0.6444	0.0005	0.0000	0.0000	0.0000	0.3808	0.0002	0.0027	0.0002	0.1300	0.0217
	Beetle	BA	0.4722	0.0003	0.0000	0.0000	0.0000	0.6200	0.0004	0.0044	0.0003	0.0132	ND
	Beetle	BE	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0002	ND
	Beetle	CD	9.7160	0.0071	0.0002	0.0003	0.0003	0.4079	0.0003	0.0029	0.0002	0.3033	0.0455
	Beetle	CO	0.0007	0.0000	0.0000	0.0000	0.0000	0.4185	0.0003	0.0028	0.0002	0.0045	ND
	Beetle	CR	1.7083	0.0012	0.0000	0.0001	0.0001	0.0298	0.0000	0.0001	0.0000	0.0043	0.8000
	Beetle	CU	1.3177	0.0010	0.0000	0.0001	0.0001	2.4879	0.0010	0.0105	0.0006	0.1050	0.1253
	Beetle	FE	1.6674	0.0012	0.0000	0.0001	0.0001	5.3461	0.0035	0.0376	0.0026	ND	0.0937
	Beetle	HG	0.0833	0.0001	0.0000	0.0000	0.0000	0.0338	0.0000	0.0002	0.0000	0.1000	0.0300
	Beetle	MN	0.1253	0.0001	0.0000	0.0000	0.0000	0.1239	0.0001	0.0009	0.0001	0.0148	ND
	Beetle	NI	0.1073	0.0001	0.0000	0.0000	0.0000	0.0159	0.0000	0.0001	0.0000	0.0018	0.0023
	Beetle	PB	6.7486	0.0010	0.0001	0.0002	0.0002	3.9438	0.0025	0.0277	0.0019	0.0285	0.0233
	Beetle	SB	ND	ND	ND	ND	ND	0.1933	0.0001	0.0014	0.0001	0.0208	ND

Final Hazard Quotients for Metals in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
21/37 (cont.)	Beetle	SE	1.2812	0.0009	0.0000	0.0000	0.0000	0.8928	0.0004	0.0047	0.0003	0.1200	0.0017
	Beetle	V	ND	ND	ND	ND	ND	0.0702	0.0000	0.0003	0.0000	0.0500	ND
	Beetle	ZN	11.0526	0.0080	0.0002	0.0004	0.0004	2.3524	0.0007	0.0099	0.0007	0.8600	0.2150
	Grasshopper	AG	0.0458	0.0000	0.0000	0.0000	0.0000	0.0022	0.0000	0.0000	0.0000	0.0411	ND
	Grasshopper	AL	ND	ND	ND	ND	ND	0.8368	0.0004	0.0035	0.0003	0.0514	0.0134
	Grasshopper	AS	0.0444	0.0000	0.0000	0.0000	0.0000	0.0262	0.0000	0.0002	0.0000	0.0090	0.0015
	Grasshopper	BA	0.2048	0.0001	0.0000	0.0000	0.0000	0.2689	0.0002	0.0019	0.0001	0.0057	ND
	Grasshopper	BE	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0002	ND
	Grasshopper	CD	6.1912	0.0045	0.0001	0.0002	0.0002	0.2599	0.0002	0.0018	0.0001	0.1933	0.0290
	Grasshopper	CO	0.0006	0.0000	0.0000	0.0000	0.0000	0.3255	0.0002	0.0022	0.0002	0.0035	ND
	Grasshopper	CR	1.2812	0.0009	0.0000	0.0000	0.0000	0.0223	0.0000	0.0001	0.0000	0.0032	0.6000
	Grasshopper	CU	4.9166	0.0036	0.0001	0.0002	0.0002	9.2827	0.0036	0.0392	0.0021	0.3918	0.4675
	Grasshopper	FE	0.9698	0.0007	0.0000	0.0000	0.0000	3.1095	0.0020	0.0219	0.0015	ND	0.0545
	Grasshopper	HG	0.0278	0.0000	0.0000	0.0000	0.0000	0.0113	0.0000	0.0001	0.0000	0.0333	0.0100
	Grasshopper	MN	0.0940	0.0001	0.0000	0.0000	0.0000	0.0930	0.0001	0.0007	0.0000	0.0111	ND
	Grasshopper	NI	0.0470	0.0000	0.0000	0.0000	0.0000	0.0070	0.0000	0.0000	0.0000	0.0008	0.0010
	Grasshopper	PB	0.5586	0.0001	0.0000	0.0000	0.0000	0.3265	0.0002	0.0023	0.0002	0.0024	0.0019
	Grasshopper	SB	ND	ND	ND	ND	ND	0.1933	0.0001	0.0014	0.0001	0.0208	ND
	Grasshopper	SE	5.7066	0.0041	0.0001	0.0002	0.0002	3.9765	0.0019	0.0210	0.0014	0.5345	0.0076
	Grasshopper	V	ND	ND	ND	ND	ND	0.0246	0.0000	0.0001	0.0000	0.0175	ND
	Grasshopper	ZN	15.4864	0.0112	0.0003	0.0006	0.0006	3.2960	0.0010	0.0139	0.0009	1.2050	0.3012
42/45	Beetle	AG	0.0234	0.0008	0.0000	0.0000	0.0000	0.0011	0.0000	0.0002	0.0000	0.0210	ND
	Beetle	AL	ND	ND	ND	ND	ND	2.6109	0.0630	0.5476	0.0465	0.1603	0.0418
	Beetle	AS	1.3880	0.0501	0.0013	0.0026	0.0026	0.8202	0.0264	0.2874	0.0196	0.2800	0.0467
	Beetle	BA	0.4078	0.0147	0.0004	0.0008	0.0008	0.5355	0.0173	0.1876	0.0127	0.0114	ND
	Beetle	BE	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0002	ND
	Beetle	CD	4.6978	0.1694	0.0045	0.0083	0.0083	0.1972	0.0063	0.0687	0.0047	0.1467	0.0220
	Beetle	CO	0.0012	0.0000	0.0000	0.0000	0.0000	0.6975	0.0215	0.2341	0.0199	0.0075	ND
	Beetle	CR	2.5625	0.0924	0.0024	0.0049	0.0049	0.0446	0.0009	0.0094	0.0005	0.0064	1.2000
	Beetle	CU	1.5311	0.0552	0.0015	0.0029	0.0029	2.8907	0.0558	0.6063	0.0330	0.1220	0.1456
	Beetle	FE	2.6336	0.0950	0.0025	0.0050	0.0050	8.4442	0.2716	2.9532	0.2004	ND	0.1480
	Beetle	HG	0.0833	0.0030	0.0001	0.0002	0.0002	0.0338	0.0008	0.0090	0.0006	0.1000	0.0300
	Beetle	MN	0.1913	0.0069	0.0002	0.0004	0.0004	0.1892	0.0061	0.0661	0.0045	0.0226	ND
	Beetle	NI	0.2099	0.0076	0.0002	0.0004	0.0004	0.0311	0.0010	0.0109	0.0007	0.0035	0.0044
	Beetle	PB	1.8666	0.0135	0.0018	0.0029	0.0029	1.0908	0.0350	0.3803	0.0259	0.0079	0.0064
	Beetle	SB	ND	ND	ND	ND	ND	1.0974	0.0353	0.3836	0.0261	0.1180	ND
	Beetle	SE	1.8151	0.0655	0.0017	0.0032	0.0032	1.2648	0.0305	0.3316	0.0226	0.1700	0.0024
	Beetle	V	ND	ND	ND	ND	ND	0.1685	0.0026	0.0353	0.0024	0.1200	ND
	Beetle	ZN	14.6254	0.5275	0.0140	0.0279	0.0279	3.1128	0.0480	0.6528	0.0444	1.1380	0.2845
	Grasshopper	AG	0.0233	0.0008	0.0000	0.0000	0.0000	0.0011	0.0000	0.0002	0.0000	0.0209	ND
	Grasshopper	AL	ND	ND	ND	ND	ND	0.3637	0.0088	0.0763	0.0065	0.0223	0.0058

Final Hazard Quotients for Metals in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
42/45 (cont.)	Grasshopper	AS	0.0471	0.0017	0.0000	0.0001	0.0001	0.0278	0.0009	0.0098	0.0007	0.0095	0.0016
	Grasshopper	BA	0.1073	0.0039	0.0001	0.0002	0.0002	0.1409	0.0045	0.0494	0.0033	0.0030	ND
	Grasshopper	BE	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0002	ND
	Grasshopper	CD	3.8437	0.1386	0.0037	0.0068	0.0068	0.1613	0.0052	0.0562	0.0038	0.1200	0.0180
	Grasshopper	CO	0.0003	0.0000	0.0000	0.0000	0.0000	0.1525	0.0047	0.0512	0.0044	0.0016	ND
	Grasshopper	CR	1.1745	0.0424	0.0011	0.0022	0.0022	0.0205	0.0004	0.0043	0.0002	0.0029	0.5500
	Grasshopper	CU	3.0370	0.1095	0.0029	0.0058	0.0058	5.7340	0.1106	1.2026	0.0655	0.2420	0.2888
	Grasshopper	FE	0.6050	0.0218	0.0006	0.0012	0.0012	1.9399	0.0624	0.6784	0.0460	ND	0.0340
	Grasshopper	HG	0.0278	0.0010	0.0000	0.0001	0.0001	0.0113	0.0003	0.0030	0.0002	0.0333	0.0100
	Grasshopper	MN	0.0337	0.0012	0.0000	0.0001	0.0001	0.0333	0.0011	0.0116	0.0008	0.0040	ND
	Grasshopper	NI	0.1884	0.0068	0.0002	0.0004	0.0004	0.0279	0.0009	0.0098	0.0007	0.0032	0.0040
	Grasshopper	PB	0.2728	0.0020	0.0003	0.0004	0.0004	0.1594	0.0051	0.0556	0.0038	0.0012	0.0009
	Grasshopper	SB	ND	ND	ND	ND	ND	0.1953	0.0063	0.0683	0.0046	0.0210	ND
	Grasshopper	SE	2.0286	0.0732	0.0019	0.0036	0.0036	1.4136	0.0341	0.3706	0.0252	0.1900	0.0027
	Grasshopper	V	ND	ND	ND	ND	ND	0.0244	0.0004	0.0051	0.0003	0.0174	ND
	Grasshopper	ZN	15.5507	0.5609	0.0148	0.0297	0.0297	3.3097	0.0511	0.6941	0.0472	1.2100	0.3025
RSA	Beetle	AG	0.0234	0.0049	0.0017	0.0035	0.0035	0.0011	0.0001	0.0003	0.0010	0.0210	ND
	Beetle	AL	ND	ND	ND	ND	ND	4.3292	0.5094	1.1405	4.5955	0.2658	0.0693
	Beetle	AS	0.2379	0.0497	0.0177	0.0354	0.0354	0.1406	0.0221	0.0619	0.1996	0.0480	0.0080
	Beetle	BA	0.1860	0.0389	0.0139	0.0277	0.0277	0.2442	0.0384	0.1075	0.3452	0.0052	ND
	Beetle	BE	0.0007	0.0001	0.0001	0.0001	0.0001	0.0003	0.0000	0.0001	0.0004	0.0010	ND
	Beetle	CD	1.6015	0.3346	0.1193	0.2215	0.2215	0.0672	0.0105	0.0294	0.0948	0.0500	0.0075
	Beetle	CO	0.0012	0.0003	0.0001	0.0002	0.0002	0.6975	0.1050	0.2940	1.1850	0.0075	ND
	Beetle	CR	2.2955	0.4796	0.1709	0.3419	0.3419	0.0400	0.0038	0.0105	0.0272	0.0057	1.0750
	Beetle	CU	0.7153	0.1495	0.0533	0.1065	0.1065	1.3506	0.1271	0.3558	0.9190	0.0570	0.0680
	Beetle	FE	3.7903	0.7919	0.2823	0.5645	0.5645	12.1528	1.9066	5.3386	17.1704	ND	0.2130
	Beetle	HG	0.0278	0.0058	0.0021	0.0041	0.0041	0.0113	0.0013	0.0038	0.0122	0.0333	0.0100
	Beetle	MN	0.1760	0.0368	0.0131	0.0262	0.0262	0.1741	0.0273	0.0765	0.2464	0.0208	ND
	Beetle	NI	0.2385	0.0498	0.0178	0.0355	0.0355	0.0353	0.0055	0.0155	0.0500	0.0040	0.0050
	Beetle	PB	0.2297	0.0096	0.0171	0.0274	0.0274	0.1343	0.0210	0.0588	0.1896	0.0010	0.0008
	Beetle	SB	ND	ND	ND	ND	ND	0.3906	0.0613	0.1715	0.5530	0.0420	ND
	Beetle	SE	1.3880	0.2900	0.1034	0.1920	0.1920	0.9672	0.1138	0.3185	1.0270	0.1300	0.0019
	Beetle	V	ND	ND	ND	ND	ND	0.2176	0.0162	0.0573	0.1814	0.1550	ND
	Beetle	ZN	11.1040	2.3200	0.8269	1.6538	1.6538	2.3633	0.1779	0.6226	2.0075	0.8640	0.2160
	Grasshopper	AG	0.0324	0.0068	0.0024	0.0048	0.0048	0.0016	0.0001	0.0004	0.0014	0.0291	ND
	Grasshopper	AL	ND	ND	ND	ND	ND	1.3932	0.1639	0.3670	1.4789	0.0855	0.0223
	Grasshopper	AS	0.0466	0.0097	0.0035	0.0069	0.0069	0.0275	0.0043	0.0121	0.0391	0.0094	0.0016
	Grasshopper	BA	0.1427	0.0298	0.0106	0.0212	0.0212	0.1873	0.0294	0.0825	0.2648	0.0040	ND
	Grasshopper	BE	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0002	ND
	Grasshopper	CD	5.3451	1.1168	0.3980	0.7392	0.7392	0.2244	0.0350	0.0981	0.3164	0.1669	0.0250
	Grasshopper	CO	0.0009	0.0002	0.0001	0.0001	0.0001	0.5314	0.0800	0.2240	0.9028	0.0057	ND

Final Hazard Quotients for Metals in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Grasshopper	CR	1.9623	0.4100	0.1461	0.2923	0.2923	0.0342	0.0032	0.0090	0.0232	0.0049	0.9189
	Grasshopper	CU	2.6618	0.5561	0.1982	0.3964	0.3964	5.0255	0.4728	1.3239	3.4195	0.2121	0.2531
	Grasshopper	FE	1.4193	0.2965	0.1057	0.2114	0.2114	4.5507	0.7140	1.9991	6.4295	ND	0.0798
	Grasshopper	HG	0.0278	0.0058	0.0021	0.0041	0.0041	0.0113	0.0013	0.0038	0.0122	0.0333	0.0100
	Grasshopper	MN	0.1104	0.0231	0.0082	0.0164	0.0164	0.1092	0.0171	0.0480	0.1545	0.0130	ND
	Grasshopper	NI	0.1223	0.0255	0.0091	0.0182	0.0182	0.0181	0.0028	0.0080	0.0256	0.0021	0.0026
	Grasshopper	PB	0.2503	0.0105	0.0186	0.0299	0.0299	0.1463	0.0229	0.0641	0.2066	0.0011	0.0009
	Grasshopper	SB	ND	ND	ND	ND	ND	0.1953	0.0306	0.0858	0.2765	0.0210	ND
	Grasshopper	SE	2.1504	0.4493	0.1601	0.2974	0.2974	1.4985	0.1762	0.4935	1.5911	0.2014	0.0029
	Grasshopper	V	ND	ND	ND	ND	ND	0.0865	0.0064	0.0228	0.0721	0.0616	ND
	Grasshopper	ZN	14.8487	3.1024	1.1058	2.2115	2.2115	3.1603	0.2379	0.8325	2.6845	1.1554	0.2888

*No toxicity data.

Summary Statistics for Pesticides in Biota

SWMU Number	Matrix	Analyte Code	Detects	Samples	% Detects	Minimum (ug/kg)	Maximum (ug/kg)	Mean (ug/kg)	Standard Deviation	UCL 95	Cterm (ug/kg)	Cterm-mg/kg
10	Gumweed	PPDDE[a]	0	2	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT[b]	0	2	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Rabbitbrush	PPDDE	0	2	0	1.70E+01	1.70E+01	1.70E+01	0.00E+00	0.00E+00	1.70E+01	1.70E-02
	Rabbitbrush	PPDDT	0	2	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
11	Gumweed	PPDDE	0	1	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	0	1	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Rabbitbrush	PPDDE	1	1	100	1.40E+02	1.40E+02	1.40E+02	0.00E+00	0.00E+00	1.40E+02	1.40E-01
	Rabbitbrush	PPDDT	0	1	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
12	Rabbitbrush	PPDDE	0	1	0	1.70E+01	1.70E+01	1.70E+01	0.00E+00	0.00E+00	1.70E+01	1.70E-02
	Rabbitbrush	PPDDT	0	1	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Sweetclover	PPDDE	0	1	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03
	Sweetclover	PPDDT	0	1	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
15	Gumweed	PPDDE	0	1	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	0	1	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Rabbitbrush	PPDDE	2	3	67	1.70E+01	1.10E+02	6.17E+01	4.66E+01	1.40E+02	1.10E+02	1.10E-01
	Rabbitbrush	PPDDT	0	3	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Sweetclover	PPDDE	0	2	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03
	Sweetclover	PPDDT	0	2	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
21	Gumweed	PPDDE	0	2	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	0	2	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Rabbitbrush	PPDDE	0	2	0	1.70E+01	1.70E+01	1.70E+01	0.00E+00	0.00E+00	1.70E+01	1.70E-02
	Rabbitbrush	PPDDT	0	2	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
37	Ambrosia	PPDDE	0	1	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Ambrosia	PPDDT	0	1	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Rabbitbrush	PPDDE	0	2	0	1.70E+01	1.70E+01	1.70E+01	0.00E+00	0.00E+00	1.70E+01	1.70E-02
	Rabbitbrush	PPDDT	0	2	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Sweetclover	PPDDE	0	2	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03
	Sweetclover	PPDDT	0	2	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
42	Gumweed	PPDDE	0	1	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	0	1	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Rabbitbrush	PPDDE	4	9	44	1.70E+01	1.30E+02	4.69E+01	4.03E+01	7.19E+01	7.19E+01	7.19E-02
	Rabbitbrush	PPDDT	0	9	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Sweetclover	PPDDE	0	8	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03
	Sweetclover	PPDDT	0	8	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
45	Gumweed	PPDDE	0	3	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	0	3	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Jackrabbit	PPDDE	3	15	20	3.35E-01	1.20E+00	4.50E-01	2.57E-01	5.67E-01	5.67E-01	5.67E-04
	Jackrabbit	PPDDT	0	15	0	5.00E+00	5.00E+00	5.00E+00	0.00E+00	0.00E+00	5.00E+00	5.00E-03
	Rabbitbrush	PPDDE	0	5	0	1.70E+01	1.70E+01	1.70E+01	0.00E+00	0.00E+00	1.70E+01	1.70E-02
	Rabbitbrush	PPDDT	0	5	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Sweetclover	PPDDE	0	3	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03
	Sweetclover	PPDDT	0	3	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
1B	Gumweed	PPDDE	0	2	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	0	2	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02

Summary Statistics for Pesticides in Biota (continued)

SWMU Number	Matrix	Analyte Code	Detects	Samples	% Detects	Minimum (ug/kg)	Maximum (ug/kg)	Mean (ug/kg)	Standard Deviation	UCL 95	Cterm (ug/kg)	Cterm-mg/kg
1B (cont.)	Rabbitbrush	PPDDE	0	2	0	1.70E+01	1.70E+01	1.70E+01	0.00E+00	0.00E+00	1.70E+01	1.70E-02
	Rabbitbrush	PPDDT	0	2	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
1C	Gumweed	PPDDE	0	2	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	0	2	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Rabbitbrush	PPDDE	1	2	50	1.70E+01	8.30E+01	5.00E+01	4.67E+01	2.58E+02	8.30E+01	8.30E-02
	Rabbitbrush	PPDDT	0	2	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
RSA	Gumweed	PPDDE	0	7	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	0	7	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Jackrabbit	PPDDE	1	15	7	3.35E-01	2.50E+00	4.79E-01	5.59E-01	7.34E-01	7.34E-01	7.34E-04
	Jackrabbit	PPDDT	0	15	0	5.00E+00	5.00E+00	5.00E+00	0.00E+00	0.00E+00	5.00E+00	5.00E-03
	Rabbitbrush	PPDDE	4	15	27	1.70E+01	1.30E+02	4.19E+01	4.33E+01	6.16E+01	6.16E+01	6.16E-02
	Rabbitbrush	PPDDT	0	15	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Sweetclover	PPDDE	0	15	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03
	Sweetclover	PPDDT	0	15	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
10[c]	*Jackrabbit*	*PPDDE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*2.24E-03*
	Jackrabbit	*PPDDT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*7.74E-03*
11	*Jackrabbit*	*PPDDE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*2.24E-03*
	Jackrabbit	*PPDDT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*7.74E-03*
12	*Jackrabbit*	*PPDDE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*2.24E-03*
	Jackrabbit	*PPDDT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*7.74E-03*
15	*Jackrabbit*	*PPDDE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*2.24E-03*
	Jackrabbit	*PPDDT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*7.74E-03*
21	*Jackrabbit*	*PPDDE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.72E-02*
	Jackrabbit	*PPDDT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*9.32E-02*
37	*Jackrabbit*	*PPDDE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*2.24E-03*
	Jackrabbit	*PPDDT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*7.74E-03*
42	*Jackrabbit*	*PPDDE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*2.24E-03*
	Jackrabbit	*PPDDT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*7.74E-03*
1B	*Jackrabbit*	*PPDDE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*2.60E-03*
	Jackrabbit	*PPDDT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.19E-02*
1C	*Jackrabbit*	*PPDDE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*2.24E-03*
	Jackrabbit	*PPDDT*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*7.74E-03*

[a]2,2-Bis(p-chlorophenyl)-1,1-dichloroethene.

[b]2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane.

[c]Cterm values represent modeled or calculated data, or data based on 1/2 the method detection limit.

Summary Statistics for Pesticides in Biota (Invertebrates)

SWMU Numbe	Matrix	Analyte	Number of	Number of	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm -ug/kg	Cterm-mg/kg
10/11	Beetle	PPDDE[a]	1	2	50	4.30E-01	1.30E+01	6.72E+00	8.89E+00	4.64E+01	1.30E+01	1.30E-02
	Beetle	PPDDT[b]	1	2	50	2.15E-01	5.20E+00	2.71E+00	3.52E+00	1.84E+01	5.20E+00	5.20E-03
	Grasshopper	PPDDE	0	2	0	4.30E-01	4.30E-01	4.30E-01	0.00E+00	NA[c]	4.30E-01	4.30E-04
	Grasshopper	PPDDT	0	2	0	2.15E-01	2.15E-01	2.15E-01	0.00E+00	NA	2.15E-01	2.15E-04
12/15	Beetle	PPDDE	0	1	0	4.30E-01	4.30E-01	4.30E-01	NA	NA	4.30E-01	4.30E-04
	Beetle	PPDDT	1	1	100	2.50E+00	2.50E+00	2.50E+00	NA	NA	2.50E+00	2.50E-03
	Grasshopper	PPDDE	0	5	0	4.30E-01	3.90E+00	1.12E+00	1.55E+00	2.60E+00	3.90E+00	3.90E-03
	Grasshopper	PPDDT	0	5	0	2.15E-01	1.95E+00	5.62E-01	7.76E-01	1.30E+00	1.95E+00	1.95E-03
1b/1c	Grasshopper	PPDDE	0	2	0	4.30E-01	4.30E-01	4.30E-01	0.00E+00	NA	4.30E-01	4.30E-04
	Grasshopper	PPDDT	0	2	0	2.15E-01	2.15E-01	2.15E-01	0.00E+00	NA	2.15E-01	2.15E-04
21/37	Beetle	PPDDE	1	1	100	6.40E+01	6.40E+01	6.40E+01	NA	NA	6.40E+01	6.40E-02
	Beetle	PPDDT	1	1	100	1.40E+00	1.40E+00	1.40E+00	NA	NA	1.40E+00	1.40E-03
	Grasshopper	PPDDE	0	4	0	4.30E-01	2.05E+00	8.35E-01	8.10E-01	1.79E+00	2.05E+00	2.05E-03
	Grasshopper	PPDDT	1	4	25	2.15E-01	2.70E+00	8.36E-01	1.24E+00	2.30E+00	2.30E+00	2.30E-03
42/45	Beetle	PPDDE	2	2	100	2.00E+01	4.30E+01	3.15E+01	1.63E+01	1.04E+02	4.30E+01	4.30E-02
	Beetle	PPDDT	2	2	100	7.80E+00	1.40E+01	1.09E+01	4.38E+00	3.05E+01	1.40E+01	1.40E-02
	Grasshopper	PPDDE	2	3	67	4.30E-01	1.70E+00	1.08E+00	6.35E-01	2.15E+00	1.70E+00	1.70E-03
	Grasshopper	PPDDT	1	3	33	2.15E-01	1.20E+00	5.43E-01	5.69E-01	1.50E+00	1.20E+00	1.20E-03
RSA	Beetle	PPDDE	3	3	100	2.00E+00	5.50E+00	3.53E+00	1.79E+00	6.55E+00	5.50E+00	5.50E-03
	Beetle	PPDDT	0	3	0	2.15E-01	2.15E-01	2.15E-01	0.00E+00	NA	2.15E-01	2.15E-04
	Grasshopper	PPDDE	0	10	0	4.30E-01	5.00E-01	4.37E-01	2.21E-02	4.50E-01	5.00E-01	5.00E-04
	Grasshopper	PPDDT	3	10	30	2.15E-01	7.20E-01	3.50E-01	2.18E-01	4.76E-01	4.76E-01	4.76E-04

[a] 2,2-Bis(p-chlorophenyl)-1,1-dichloroethene.

[b] 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane.

[c] Not applicable.

Final Hazard Quotients for Pesticides in Biota

Number	Matrix	Analyte	Passerines	Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10	Gumweed	PPDDE[a]	2.36E+00	4.15E-03	1.10E-04	1.10E-04	4.39E-05	5.94E-03	7.00E-06	1.21E-04	5.18E-06	ND[b]	1.70E-04
	Gumweed	PPDDT[c]	7.98E-01	1.40E-03	3.71E-05	3.71E-05	1.49E-05	2.01E-03	2.37E-06	4.09E-05	1.75E-06	ND	5.75E-05
	Rabbitbrush	PPDDE	1.18E+00	2.08E-03	5.49E-05	5.49E-05	2.20E-05	2.97E-03	3.50E-06	6.05E-05	2.59E-06	ND	8.50E-05
	Rabbitbrush	PPDDT	1.67E+00	2.93E-03	7.75E-05	7.75E-05	3.10E-05	4.19E-03	4.94E-06	8.54E-05	3.65E-06	ND	1.20E-04
11	Gumweed	PPDDE	2.36E+00	6.23E-03	1.65E-04	1.65E-04	6.59E-05	5.94E-03	1.05E-05	1.81E-04	7.77E-06	ND	1.70E-04
	Gumweed	PPDDT	7.98E-01	2.11E-03	5.57E-05	5.57E-05	2.23E-05	2.01E-03	3.55E-06	6.14E-05	2.63E-06	ND	5.75E-05
	Rabbitbrush	PPDDE	9.72E+00	2.56E-02	6.78E-04	6.78E-04	2.71E-04	2.45E-02	4.32E-05	7.47E-04	3.20E-05	ND	7.00E-04
	Rabbitbrush	PPDDT	1.67E+00	4.40E-03	1.16E-04	1.16E-04	4.65E-05	4.19E-03	7.41E-06	1.28E-04	5.48E-06	ND	1.20E-04
12	Rabbitbrush	PPDDE	1.18E+00	1.56E-02	4.12E-04	4.12E-04	1.65E-04	2.97E-03	2.63E-05	4.53E-04	1.94E-05	ND	8.50E-05
	Rabbitbrush	PPDDT	1.67E+00	2.20E-02	5.81E-04	5.81E-04	2.33E-04	4.19E-03	3.71E-05	6.40E-04	2.74E-05	ND	1.20E-04
	Sweetclover	PPDDE	9.37E-02	1.24E-03	3.27E-05	3.27E-05	1.31E-05	2.36E-04	2.08E-06	3.60E-05	1.54E-06	ND	6.75E-06
	Sweetclover	PPDDT	2.08E-01	2.75E-03	7.27E-05	7.27E-05	2.91E-05	5.24E-04	4.63E-06	8.00E-05	3.43E-06	ND	1.50E-05
15	Gumweed	PPDDE	2.36E+00	1.04E-01	2.75E-03	2.75E-03	1.10E-03	5.94E-03	1.75E-04	3.02E-03	1.29E-04	ND	1.70E-04
	Gumweed	PPDDT	7.98E-01	3.51E-02	9.29E-04	9.29E-04	3.71E-04	2.01E-03	5.92E-05	1.02E-03	4.38E-05	ND	5.75E-05
	Rabbitbrush	PPDDE	7.63E+00	3.36E-01	8.88E-03	8.88E-03	3.55E-03	1.92E-02	5.66E-04	9.78E-03	4.19E-04	ND	5.50E-04
	Rabbitbrush	PPDDT	1.67E+00	7.33E-02	1.94E-03	1.94E-03	7.75E-04	4.19E-03	1.24E-04	2.13E-03	9.14E-05	ND	1.20E-04
	Sweetclover	PPDDE	9.37E-02	4.12E-03	1.09E-04	1.09E-04	4.36E-05	2.36E-04	6.95E-06	1.20E-04	5.14E-06	ND	6.75E-06
	Sweetclover	PPDDT	2.08E-01	9.16E-03	2.42E-04	2.42E-04	9.69E-05	5.24E-04	1.54E-05	2.67E-04	1.14E-05	ND	1.50E-05
21	Gumweed	PPDDE	9.83E-01	2.59E-04	6.86E-06	6.86E-06	2.75E-06	1.41E-03	4.38E-07	7.56E-06	3.24E-07	ND	1.70E-04
	Gumweed	PPDDT	3.33E-01	8.78E-05	2.32E-06	2.32E-06	9.29E-07	4.78E-04	1.48E-07	2.56E-06	1.09E-07	ND	5.75E-05
	Rabbitbrush	PPDDE	4.92E-01	1.30E-04	3.43E-06	3.43E-06	1.37E-06	7.07E-04	2.19E-07	3.78E-06	1.62E-07	ND	8.50E-05
	Rabbitbrush	PPDDT	6.94E-01	1.83E-04	4.85E-06	4.85E-06	1.94E-06	9.98E-04	3.09E-07	5.34E-06	2.28E-07	ND	1.20E-04
37	Ambrosia	PPDDE	2.36E+00	1.45E-03	3.84E-05	3.84E-05	1.54E-05	5.94E-03	2.45E-06	4.23E-05	1.81E-06	ND	1.70E-04
	Ambrosia	PPDDT	7.98E-01	4.91E-04	1.30E-05	1.30E-05	5.20E-06	2.01E-03	8.29E-07	1.43E-05	6.13E-07	ND	5.75E-05
	Rabbitbrush	PPDDE	1.18E+00	7.27E-04	1.92E-05	1.92E-05	7.69E-06	2.97E-03	1.23E-06	2.12E-05	9.06E-07	ND	8.50E-05
	Rabbitbrush	PPDDT	1.67E+00	1.03E-03	2.71E-05	2.71E-05	1.09E-05	4.19E-03	1.73E-06	2.99E-05	1.28E-06	ND	1.20E-04
	Sweetclover	PPDDE	9.37E-02	5.77E-05	1.53E-06	1.53E-06	6.10E-07	2.36E-04	9.73E-08	1.68E-06	7.19E-08	ND	6.75E-06
	Sweetclover	PPDDT	2.08E-01	1.28E-04	3.39E-06	3.39E-06	1.36E-06	5.24E-04	2.16E-07	3.73E-06	1.60E-07	ND	1.50E-05
42	Gumweed	PPDDE	2.36E+00	7.47E-02	1.98E-03	1.98E-03	7.91E-04	5.94E-03	1.26E-04	2.18E-03	9.32E-05	ND	1.70E-04
	Gumweed	PPDDT	7.98E-01	2.53E-02	6.69E-04	6.69E-04	2.67E-04	2.01E-03	4.26E-05	7.36E-04	3.15E-05	ND	5.75E-05
	Rabbitbrush	PPDDE	4.99E+00	1.58E-01	4.18E-03	4.18E-03	1.67E-03	1.25E-02	2.66E-04	4.60E-03	1.97E-04	ND	3.59E-04
	Rabbitbrush	PPDDT	1.67E+00	5.27E-02	1.40E-03	1.40E-03	5.58E-04	4.19E-03	8.89E-05	1.54E-03	6.58E-05	ND	1.20E-04
	Sweetclover	PPDDE	9.37E-02	2.97E-03	7.85E-05	7.85E-05	3.14E-05	2.36E-04	5.00E-06	8.64E-05	3.70E-06	ND	6.75E-06
	Sweetclover	PPDDT	2.08E-01	6.59E-03	1.74E-04	1.74E-04	6.98E-05	5.24E-04	1.11E-05	1.92E-04	8.22E-06	ND	1.50E-05
45	Gumweed	PPDDE	2.36E+00	1.04E-02	2.75E-04	2.75E-04	1.10E-04	5.94E-03	1.75E-05	3.02E-04	1.29E-05	ND	1.70E-04
	Gumweed	PPDDT	7.98E-01	3.51E-03	9.29E-05	9.29E-05	3.71E-05	2.01E-03	5.92E-06	1.02E-04	4.38E-06	ND	5.75E-05
	Jackrabbit	PPDDE	3.93E-02	1.73E-04	4.58E-06	4.58E-06	1.83E-06	9.90E-05	2.92E-07	5.04E-06	2.16E-07	ND	2.83E-06
	Jackrabbit	PPDDT	3.47E-01	1.53E-03	4.04E-05	4.04E-05	1.62E-05	8.73E-04	2.57E-06	4.45E-05	1.90E-06	ND	2.50E-05
	Rabbitbrush	PPDDE	1.18E+00	5.19E-03	1.37E-04	1.37E-04	5.49E-05	2.97E-03	8.75E-06	1.51E-04	6.47E-06	ND	8.50E-05
	Rabbitbrush	PPDDT	1.67E+00	7.33E-03	1.94E-04	1.94E-04	7.75E-05	4.19E-03	1.24E-05	2.13E-04	9.14E-06	ND	1.20E-04
	Sweetclover	PPDDE	9.37E-02	4.12E-04	1.09E-05	1.09E-05	4.36E-06	2.36E-04	6.95E-07	1.20E-05	5.14E-07	ND	6.75E-06

Final Hazard Quotients for Pesticides in Biota (continued)

Number	Matrix	Analyte	Passerines	Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
45 (cont.)	Sweetclover	PPDDT	2.08E-01	9.16E-04	2.42E-05	2.42E-05	9.69E-06	5.24E-04	1.54E-06	2.67E-05	1.14E-06	ND	1.50E-05
1B	Gumweed	PPDDE	2.36E+00	1.04E-03	2.75E-05	2.75E-05	1.10E-05	5.66E-03	1.75E-06	3.02E-05	1.29E-06	ND	1.70E-04
	Gumweed	PPDDT	7.98E-01	3.51E-04	9.29E-06	9.29E-06	3.71E-06	1.91E-03	5.92E-07	1.02E-05	4.38E-07	ND	5.75E-05
	Rabbitbrush	PPDDE	1.18E+00	5.19E-04	1.37E-05	1.37E-05	5.49E-06	2.83E-03	8.75E-07	1.51E-05	6.47E-07	ND	8.50E-05
	Rabbitbrush	PPDDT	1.67E+00	7.33E-04	1.94E-05	1.94E-05	7.75E-06	3.99E-03	1.24E-06	2.13E-05	9.14E-07	ND	1.20E-04
1C	Gumweed	PPDDE	2.36E+00	4.15E-02	1.10E-03	1.10E-03	4.39E-04	5.94E-03	7.00E-05	1.21E-03	5.18E-05	ND	1.70E-04
	Gumweed	PPDDT	7.98E-01	1.40E-02	3.71E-04	3.71E-04	1.49E-04	2.01E-03	2.37E-05	4.09E-04	1.75E-05	ND	5.75E-05
	Rabbitbrush	PPDDE	5.76E+00	1.01E-01	2.68E-03	2.68E-03	1.07E-03	1.45E-02	1.71E-04	2.95E-03	1.26E-04	ND	4.15E-04
	Rabbitbrush	PPDDT	1.67E+00	2.93E-02	7.75E-04	7.75E-04	3.10E-04	4.19E-03	4.94E-05	8.54E-04	3.65E-05	ND	1.20E-04
RSA	Gumweed	PPDDE	2.36E+00	4.93E-01	1.76E-01	1.76E-01	7.03E-02	5.94E-03	7.00E-04	3.11E-03	6.32E-03	ND	1.70E-04
	Gumweed	PPDDT	7.98E-01	1.67E-01	5.94E-02	5.94E-02	2.38E-02	2.01E-03	2.37E-04	1.05E-03	2.14E-03	ND	5.75E-05
	Jackrabbit	PPDDE	5.09E-02	1.06E-02	3.79E-03	3.79E-03	1.52E-03	1.28E-04	1.51E-05	6.72E-05	1.36E-04	ND	3.67E-06
	Jackrabbit	PPDDT	3.47E-01	7.25E-02	2.58E-02	2.58E-02	1.03E-02	8.73E-04	1.03E-04	4.58E-04	9.29E-04	ND	2.50E-05
	Rabbitbrush	PPDDE	4.27E+00	8.93E-01	3.18E-01	3.18E-01	1.27E-01	1.08E-02	1.27E-03	5.64E-03	1.14E-02	ND	3.08E-04
	Rabbitbrush	PPDDT	1.67E+00	3.48E-01	1.24E-01	1.24E-01	4.96E-02	4.19E-03	4.94E-04	2.20E-03	4.46E-03	ND	1.20E-04
	Sweetclover	PPDDE	9.37E-02	1.96E-02	6.98E-03	6.98E-03	2.79E-03	2.36E-04	2.78E-05	1.24E-04	2.51E-04	ND	6.75E-06
	Sweetclover	PPDDT	2.08E-01	4.35E-02	1.55E-02	1.55E-02	6.20E-03	5.24E-04	6.18E-05	2.75E-04	5.58E-04	ND	1.50E-05
10[a]	*Jackrabbit*	*PPDDE*	*1.55E-01*	*2.74E-04*	*7.24E-06*	*7.24E-06*	*2.89E-06*	*3.91E-04*	*4.61E-07*	*7.97E-06*	*3.41E-07*	*ND*	*1.12E-05*
	Jackrabbit	*PPDDT*	*5.37E-01*	*9.45E-04*	*2.50E-05*	*2.50E-05*	*1.00E-05*	*1.35E-03*	*1.59E-06*	*2.75E-05*	*1.18E-06*	*ND*	*3.87E-05*
11	*Jackrabbit*	*PPDDE*	*1.55E-01*	*4.10E-04*	*1.09E-05*	*1.09E-05*	*4.34E-06*	*3.91E-04*	*6.92E-07*	*1.20E-05*	*5.12E-07*	*ND*	*1.12E-05*
	Jackrabbit	*PPDDT*	*5.37E-01*	*1.42E-03*	*3.75E-05*	*3.75E-05*	*1.50E-05*	*1.35E-03*	*2.39E-06*	*4.13E-05*	*1.77E-06*	*ND*	*3.87E-05*
12	*Jackrabbit*	*PPDDE*	*1.55E-01*	*2.05E-03*	*5.43E-05*	*5.43E-05*	*2.17E-05*	*3.91E-04*	*3.46E-06*	*5.98E-05*	*2.56E-06*	*ND*	*1.12E-05*
	Jackrabbit	*PPDDT*	*5.37E-01*	*7.09E-03*	*1.88E-04*	*1.88E-04*	*7.50E-05*	*1.35E-03*	*1.20E-05*	*2.06E-04*	*8.84E-06*	*ND*	*3.87E-05*
15	*Jackrabbit*	*PPDDE*	*1.19E+00*	*5.25E-02*	*1.39E-03*	*1.39E-03*	*5.56E-04*	*3.00E-03*	*8.85E-05*	*1.53E-03*	*6.55E-05*	*ND*	*8.60E-05*
	Jackrabbit	*PPDDT*	*6.47E+00*	*2.85E-01*	*7.53E-03*	*7.53E-03*	*3.01E-03*	*1.63E-02*	*4.80E-04*	*8.29E-03*	*3.55E-04*	*ND*	*4.66E-04*
21	*Jackrabbit*	*PPDDE*	*6.48E-02*	*1.71E-05*	*4.52E-07*	*4.52E-07*	*1.81E-07*	*9.31E-05*	*2.88E-08*	*4.98E-07*	*2.13E-08*	*ND*	*1.12E-05*
	Jackrabbit	*PPDDT*	*2.24E-01*	*5.91E-05*	*1.56E-06*	*1.56E-06*	*6.25E-07*	*3.22E-04*	*9.96E-08*	*1.72E-06*	*7.37E-08*	*ND*	*3.87E-05*
37	*Jackrabbit*	*PPDDE*	*1.55E-01*	*9.57E-05*	*2.53E-06*	*2.53E-06*	*1.01E-06*	*3.91E-04*	*1.61E-07*	*2.79E-06*	*1.19E-07*	*ND*	*1.12E-05*
	Jackrabbit	*PPDDT*	*5.37E-01*	*3.31E-04*	*8.75E-06*	*8.75E-06*	*3.50E-06*	*1.35E-03*	*5.58E-07*	*9.64E-06*	*4.12E-07*	*ND*	*3.87E-05*
42	*Jackrabbit*	*PPDDE*	*1.80E-01*	*5.71E-03*	*1.51E-04*	*1.51E-04*	*6.05E-05*	*4.54E-04*	*9.64E-06*	*1.66E-04*	*7.13E-06*	*ND*	*1.30E-05*
	Jackrabbit	*PPDDT*	*8.26E-01*	*2.62E-02*	*6.92E-04*	*6.92E-04*	*2.77E-04*	*2.08E-03*	*4.41E-05*	*7.62E-04*	*3.26E-05*	*ND*	*5.95E-05*
1B	*Jackrabbit*	*PPDDE*	*1.55E-01*	*6.84E-05*	*1.81E-06*	*1.81E-06*	*7.24E-07*	*3.73E-04*	*1.15E-07*	*1.99E-06*	*8.53E-08*	*ND*	*1.12E-05*
	Jackrabbit	*PPDDT*	*5.37E-01*	*2.36E-04*	*6.25E-06*	*6.25E-06*	*2.50E-06*	*1.29E-03*	*3.98E-07*	*6.88E-06*	*2.95E-07*	*ND*	*3.87E-05*
1C	*Jackrabbit*	*PPDDE*	*1.55E-01*	*2.74E-03*	*7.24E-05*	*7.24E-05*	*2.89E-05*	*3.91E-04*	*4.61E-06*	*7.97E-05*	*3.41E-06*	*ND*	*1.12E-05*
	Jackrabbit	*PPDDT*	*5.37E-01*	*9.45E-03*	*2.50E-04*	*2.50E-04*	*1.00E-04*	*1.35E-03*	*1.59E-05*	*2.75E-04*	*1.18E-05*	*ND*	*3.87E-05*

[a] 2,2-Bis(p-chlorophenyl)-1,1-dichloroethene.

[b] No toxicity data.

[c] 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane.

[d] Italics indicate that hazard quotients represent modeled or calculated data, or data based on 1/2 the method detection limit.

Final Hazard Quotients for Pesticides in Biota (Invertebrates)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10/11	Beetle	PPDDE[a]	9.02E-01	3.97E-03	1.05E-04	1.05E-04	4.20E-05	2.27E-03	6.69E-06	7.28E-05	4.95E-06	ND[b]	6.50E-05
	Beetle	PPDDT[c]	3.61E-01	1.59E-03	4.20E-05	4.20E-05	1.68E-05	9.08E-04	2.68E-06	2.91E-05	1.98E-06	ND	2.60E-05
	Grasshopper	PPDDE	2.98E-02	1.31E-04	3.47E-06	3.47E-06	1.39E-06	7.51E-05	2.21E-07	2.41E-06	1.64E-07	ND	2.15E-06
	Grasshopper	PPDDT	1.49E-02	6.56E-05	1.74E-06	1.74E-06	6.94E-07	3.75E-05	1.11E-07	1.20E-06	8.18E-08	ND	1.08E-06
12/15	Beetle	PPDDE	2.98E-02	1.71E-03	4.51E-05	4.51E-05	1.81E-05	7.51E-05	2.88E-06	2.48E-05	2.13E-06	ND	2.15E-06
	Beetle	PPDDT	1.74E-01	9.92E-03	2.62E-04	2.62E-04	1.05E-04	4.37E-04	1.67E-05	1.44E-04	1.24E-05	ND	1.25E-05
	Grasshopper	PPDDE	2.71E-01	1.55E-02	4.09E-04	4.09E-04	1.64E-04	6.81E-04	2.61E-05	2.25E-04	1.93E-05	ND	1.95E-05
	Grasshopper	PPDDT	1.35E-01	7.74E-03	2.05E-04	2.05E-04	8.19E-05	3.41E-04	1.30E-05	1.12E-04	9.65E-06	ND	9.75E-06
1b/1c	Grasshopper	PPDDE	2.98E-02	5.38E-04	1.42E-05	1.42E-05	5.69E-06	7.51E-05	9.07E-07	9.87E-06	6.71E-07	ND	2.15E-06
	Grasshopper	PPDDT	1.49E-02	2.69E-04	7.12E-06	7.12E-06	2.85E-06	3.75E-05	4.54E-07	4.93E-06	3.36E-07	ND	1.08E-06
21/37	Beetle	PPDDE	4.44E+00	3.22E-03	8.53E-05	8.53E-05	3.41E-05	1.12E-02	5.44E-06	5.91E-05	4.02E-06	ND	3.20E-04
	Beetle	PPDDT	9.72E-02	7.05E-05	1.87E-06	1.87E-06	7.46E-07	2.45E-04	1.19E-07	1.29E-06	8.79E-08	ND	7.00E-06
	Grasshopper	PPDDE	1.42E-01	1.03E-04	2.73E-06	2.73E-06	1.09E-06	3.58E-04	1.74E-07	1.89E-06	1.29E-07	ND	1.03E-05
	Grasshopper	PPDDT	1.59E-01	1.16E-04	3.06E-06	3.06E-06	1.22E-06	4.01E-04	1.95E-07	2.12E-06	1.44E-07	ND	1.15E-05
42/45	Beetle	PPDDE	2.98E+00	1.08E-01	2.85E-03	2.85E-03	1.14E-03	7.51E-03	1.81E-04	1.97E-03	1.34E-04	ND	2.15E-04
	Beetle	PPDDT	9.72E-01	3.50E-02	9.27E-04	9.27E-04	3.71E-04	2.45E-03	5.91E-05	6.43E-04	4.37E-05	ND	7.00E-05
	Grasshopper	PPDDE	1.18E-01	4.26E-03	1.13E-04	1.13E-04	4.50E-05	2.97E-04	7.18E-06	7.80E-05	5.31E-06	ND	8.50E-06
	Grasshopper	PPDDT	8.33E-02	3.00E-03	7.95E-05	7.95E-05	3.18E-05	2.10E-04	5.06E-06	5.51E-05	3.75E-06	ND	6.00E-06
RSA	Beetle	PPDDE	3.82E-01	7.98E-02	2.84E-02	2.84E-02	1.14E-02	9.61E-04	1.13E-04	3.17E-04	1.02E-03	ND	2.75E-05
	Beetle	PPDDT	1.49E-02	3.12E-03	1.11E-03	1.11E-03	4.44E-04	3.75E-05	4.43E-06	1.24E-05	4.00E-05	ND	1.08E-06
	Grasshopper	PPDDE	3.47E-02	7.25E-03	2.58E-03	2.58E-03	1.03E-03	8.73E-05	1.03E-05	2.88E-05	9.29E-05	ND	2.50E-06
	Grasshopper	PPDDT	3.30E-02	6.90E-03	2.46E-03	2.46E-03	9.84E-04	8.31E-05	9.80E-06	2.74E-05	8.85E-05	ND	2.38E-06

[a]2,2-Bis(p-chlorophenyl)-1,1-dichloroethene.

[b]No toxicity data.

[c]2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane.

Summary Statistics for Dioxins/Furans in Biota

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
10	Gumweed	1234678-HpCDD	0	2	0	6.34E-01	7.00E-01	6.67E-01	4.70E-02	8.77E-01	7.00E-01	7.00E-07
	Gumweed	1234678-HpCDF	0	2	0	3.15E-01	3.59E-01	3.37E-01	3.11E-02	4.76E-01	3.59E-01	3.59E-07
	Gumweed	123478-HxCDD	0	2	0	4.98E-01	5.68E-01	5.33E-01	4.99E-02	7.55E-01	5.68E-01	5.68E-07
	Gumweed	123478-HxCDF	0	2	0	2.65E-01	3.10E-01	2.87E-01	3.18E-02	4.29E-01	3.10E-01	3.10E-07
	Gumweed	1234789-HpCDF	0	2	0	5.16E-01	5.89E-01	5.52E-01	5.13E-02	7.81E-01	5.89E-01	5.89E-07
	Gumweed	123678-HxCDD	0	2	0	4.16E-01	4.75E-01	4.46E-01	4.17E-02	6.32E-01	4.75E-01	4.75E-07
	Gumweed	123678-HxCDF	0	2	0	2.11E-01	2.47E-01	2.29E-01	2.55E-02	3.43E-01	2.47E-01	2.47E-07
	Gumweed	12378-PeCDD	0	2	0	2.94E-01	3.62E-01	3.28E-01	4.84E-02	5.44E-01	3.62E-01	3.62E-07
	Gumweed	12378-PeCDF	0	2	0	1.57E-01	1.96E-01	1.76E-01	2.72E-02	2.98E-01	1.96E-01	1.96E-07
	Gumweed	123789-HxCDD	0	2	0	4.51E-01	5.15E-01	4.83E-01	4.53E-02	6.85E-01	5.15E-01	5.15E-07
	Gumweed	123789-HxCDF	0	2	0	2.83E-01	3.32E-01	3.07E-01	3.43E-02	4.60E-01	3.32E-01	3.32E-07
	Gumweed	234678-HxCDF	0	2	0	2.54E-01	2.98E-01	2.76E-01	3.08E-02	4.13E-01	2.98E-01	2.98E-07
	Gumweed	23478-PeCDF	0	2	0	1.52E-01	1.89E-01	1.70E-01	2.65E-02	2.89E-01	1.89E-01	1.89E-07
	Gumweed	2378-TCDD	0	2	0	1.94E-01	2.25E-01	2.09E-01	2.23E-02	3.09E-01	2.25E-01	2.25E-07
	Gumweed	2378-TCDF	0	2	0	1.61E-01	2.01E-01	1.81E-01	2.83E-02	3.07E-01	2.01E-01	2.01E-07
	Gumweed	OCDD	1	2	50	9.52E-01	2.73E+00	1.84E+00	1.26E+00	7.46E+00	2.73E+00	2.73E-06
	Gumweed	OCDF	0	2	0	7.73E-01	8.06E-01	7.89E-01	2.33E-02	8.93E-01	8.06E-01	8.06E-07
	Gumweed	TOTAL HpCDD	0	2	0	6.34E-01	7.00E-01	6.67E-01	4.70E-02	8.77E-01	7.00E-01	7.00E-07
	Gumweed	TOTAL HpCDF	0	2	0	3.91E-01	4.46E-01	4.19E-01	3.89E-02	5.92E-01	4.46E-01	4.46E-07
	Gumweed	TOTAL HxCDD	0	2	0	4.53E-01	5.17E-01	4.85E-01	4.53E-02	6.87E-01	5.17E-01	5.17E-07
	Gumweed	TOTAL HxCDF	0	2	0	2.50E-01	2.93E-01	2.72E-01	3.04E-02	4.07E-01	2.93E-01	2.93E-07
	Gumweed	TOTAL PeCDD	0	2	0	2.94E-01	3.62E-01	3.28E-01	4.84E-02	5.44E-01	3.62E-01	3.62E-07
	Gumweed	TOTAL PeCDF	0	2	0	1.55E-01	1.92E-01	1.73E-01	2.65E-02	2.92E-01	1.92E-01	1.92E-07
	Gumweed	TOTAL TCDD	0	2	0	1.94E-01	2.25E-01	2.09E-01	2.23E-02	3.09E-01	2.25E-01	2.25E-07
	Gumweed	TOTAL TCDF	0	2	0	1.61E-01	2.01E-01	1.81E-01	2.83E-02	3.07E-01	2.01E-01	2.01E-07
	Rabbitbrush	1234678-HpCDD	1	2	50	2.89E-01	9.01E-01	5.95E-01	4.33E-01	2.53E+00	9.01E-01	9.01E-07
	Rabbitbrush	1234678-HpCDF	1	2	50	1.30E-01	3.88E-01	2.59E-01	1.83E-01	1.08E+00	3.88E-01	3.88E-07
	Rabbitbrush	123478-HxCDD	0	2	0	1.12E-01	2.15E-01	1.63E-01	7.25E-02	4.87E-01	2.15E-01	2.15E-07
	Rabbitbrush	123478-HxCDF	0	2	0	5.90E-02	1.01E-01	8.00E-02	2.97E-02	2.13E-01	1.01E-01	1.01E-07
	Rabbitbrush	1234789-HpCDF	0	2	0	1.05E-01	2.12E-01	1.59E-01	7.57E-02	4.96E-01	2.12E-01	2.12E-07
	Rabbitbrush	123678-HxCDD	0	2	0	9.35E-02	1.80E-01	1.37E-01	6.08E-02	4.08E-01	1.80E-01	1.80E-07
	Rabbitbrush	123678-HxCDF	0	2	0	4.70E-02	8.05E-02	6.38E-02	2.37E-02	1.70E-01	8.05E-02	8.05E-08
	Rabbitbrush	12378-PeCDD	0	2	0	1.35E-01	2.17E-01	1.76E-01	5.76E-02	4.33E-01	2.17E-01	2.17E-07
	Rabbitbrush	12378-PeCDF	0	2	0	6.20E-02	1.00E-01	8.10E-02	2.69E-02	2.01E-01	1.00E-01	1.00E-07
	Rabbitbrush	123789-HxCDD	0	2	0	1.02E-01	1.95E-01	1.48E-01	6.58E-02	4.42E-01	1.95E-01	1.95E-07
	Rabbitbrush	123789-HxCDF	0	2	0	6.30E-02	1.08E-01	8.55E-02	3.18E-02	2.28E-01	1.08E-01	1.08E-07
	Rabbitbrush	234678-HxCDF	0	2	0	5.65E-02	9.65E-02	7.65E-02	2.83E-02	2.03E-01	9.65E-02	9.65E-08
	Rabbitbrush	23478-PeCDF	0	2	0	6.00E-02	9.65E-02	7.83E-02	2.58E-02	1.93E-01	9.65E-02	9.65E-08
	Rabbitbrush	2378-TCDD	0	2	0	8.05E-02	9.75E-02	8.90E-02	1.20E-02	1.43E-01	9.75E-02	9.75E-08
	Rabbitbrush	2378-TCDF	1	2	50	5.90E-02	6.96E-01	3.78E-01	4.51E-01	2.39E+00	6.96E-01	6.96E-07
	Rabbitbrush	OCDD	1	2	50	7.08E-01	5.82E+00	3.26E+00	3.61E+00	1.94E+01	5.82E+00	5.82E-06

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
10 (cont.)	Rabbitbrush	OCDF	1	2	50	5.99E-01	9.72E-01	7.85E-01	2.64E-01	1.96E+00	9.72E-01	9.72E-07
	Rabbitbrush	TOTAL HpCDD	1	2	50	2.89E-01	1.72E+00	1.00E+00	1.01E+00	5.51E+00	1.72E+00	1.72E-06
	Rabbitbrush	TOTAL HpCDF	1	2	50	1.61E-01	3.88E-01	2.75E-01	1.61E-01	9.93E-01	3.88E-01	3.88E-07
	Rabbitbrush	TOTAL HxCDD	0	2	0	1.02E-01	1.95E-01	1.49E-01	6.58E-02	4.42E-01	1.95E-01	1.95E-07
	Rabbitbrush	TOTAL HxCDF	1	2	50	9.55E-02	1.73E-01	1.34E-01	5.50E-02	3.80E-01	1.73E-01	1.73E-07
	Rabbitbrush	TOTAL PeCDD	0	2	0	1.35E-01	2.17E-01	1.76E-01	5.76E-02	4.33E-01	2.17E-01	2.17E-07
	Rabbitbrush	TOTAL PeCDF	0	2	0	6.10E-02	9.80E-02	7.95E-02	2.62E-02	1.96E-01	9.80E-02	9.80E-08
	Rabbitbrush	TOTAL TCDD	0	2	0	8.05E-02	9.75E-02	8.90E-02	1.20E-02	1.43E-01	9.75E-02	9.75E-08
	Rabbitbrush	TOTAL TCDF	1	2	50	5.90E-02	1.15E+00	6.03E-01	7.69E-01	4.03E+00	1.15E+00	1.15E-06
11	Gumweed	1234678-HpCDD	0	1	0	8.68E-01	8.68E-01	8.68E-01	NA[a]	NA	8.68E-01	8.68E-07
	Gumweed	1234678-HpCDF	0	1	0	4.27E-01	4.27E-01	4.27E-01	NA	NA	4.27E-01	4.27E-07
	Gumweed	123478-HxCDD	0	1	0	7.06E-01	7.06E-01	7.06E-01	NA	NA	7.06E-01	7.06E-07
	Gumweed	123478-HxCDF	0	1	0	3.80E-01	3.80E-01	3.80E-01	NA	NA	3.80E-01	3.80E-07
	Gumweed	1234789-HpCDF	0	1	0	7.00E-01	7.00E-01	7.00E-01	NA	NA	7.00E-01	7.00E-07
	Gumweed	123678-HxCDD	0	1	0	5.90E-01	5.90E-01	5.90E-01	NA	NA	5.90E-01	5.90E-07
	Gumweed	123678-HxCDF	0	1	0	3.03E-01	3.03E-01	3.03E-01	NA	NA	3.03E-01	3.03E-07
	Gumweed	12378-PeCDD	0	1	0	4.34E-01	4.34E-01	4.34E-01	NA	NA	4.34E-01	4.34E-07
	Gumweed	12378-PeCDF	0	1	0	2.42E-01	2.42E-01	2.42E-01	NA	NA	2.42E-01	2.42E-07
	Gumweed	123789-HxCDD	0	1	0	6.40E-01	6.40E-01	6.40E-01	NA	NA	6.40E-01	6.40E-07
	Gumweed	123789-HxCDF	0	1	0	4.06E-01	4.06E-01	4.06E-01	NA	NA	4.06E-01	4.06E-07
	Gumweed	234678-HxCDF	0	1	0	3.65E-01	3.65E-01	3.65E-01	NA	NA	3.65E-01	3.65E-07
	Gumweed	23478-PeCDF	0	1	0	2.33E-01	2.33E-01	2.33E-01	NA	NA	2.33E-01	2.33E-07
	Gumweed	2378-TCDD	0	1	0	2.96E-01	2.96E-01	2.96E-01	NA	NA	2.96E-01	2.96E-07
	Gumweed	2378-TCDF	0	1	0	2.23E-01	2.23E-01	2.23E-01	NA	NA	2.23E-01	2.23E-07
	Gumweed	OCDD	1	1	100	3.04E+00	3.04E+00	3.04E+00	NA	NA	3.04E+00	3.04E-06
	Gumweed	OCDF	0	1	0	1.04E+00	1.04E+00	1.04E+00	NA	NA	1.04E+00	1.04E-06
	Gumweed	TOTAL HpCDD	0	1	0	8.68E-01	8.68E-01	8.68E-01	NA	NA	8.68E-01	8.68E-07
	Gumweed	TOTAL HpCDF	0	1	0	5.31E-01	5.31E-01	5.31E-01	NA	NA	5.31E-01	5.31E-07
	Gumweed	TOTAL HxCDD	0	1	0	6.42E-01	6.42E-01	6.42E-01	NA	NA	6.42E-01	6.42E-07
	Gumweed	TOTAL HxCDF	0	1	0	3.59E-01	3.59E-01	3.59E-01	NA	NA	3.59E-01	3.59E-07
	Gumweed	TOTAL PeCDD	0	1	0	4.34E-01	4.34E-01	4.34E-01	NA	NA	4.34E-01	4.34E-07
	Gumweed	TOTAL PeCDF	0	1	0	2.37E-01	2.37E-01	2.37E-01	NA	NA	2.37E-01	2.37E-07
	Gumweed	TOTAL TCDD	0	1	0	2.96E-01	2.96E-01	2.96E-01	NA	NA	2.96E-01	2.96E-07
	Gumweed	TOTAL TCDF	0	1	0	2.23E-01	2.23E-01	2.23E-01	NA	NA	2.23E-01	2.23E-07
	Rabbitbrush	1234678-HpCDD	0	1	0	2.36E-01	2.36E-01	2.36E-01	NA	NA	2.36E-01	2.36E-07
	Rabbitbrush	1234678-HpCDF	1	1	100	8.31E-01	8.31E-01	8.31E-01	NA	NA	8.31E-01	8.31E-07
	Rabbitbrush	123478-HxCDD	0	1	0	1.92E-01	1.92E-01	1.92E-01	NA	NA	1.92E-01	1.92E-07
	Rabbitbrush	123478-HxCDF	0	1	0	9.65E-02	9.65E-02	9.65E-02	NA	NA	9.65E-02	9.65E-08
	Rabbitbrush	1234789-HpCDF	0	1	0	1.90E-01	1.90E-01	1.90E-01	NA	NA	1.90E-01	1.90E-07
	Rabbitbrush	123678-HxCDD	0	1	0	1.61E-01	1.61E-01	1.61E-01	NA	NA	1.61E-01	1.61E-07
	Rabbitbrush	123678-HxCDF	0	1	0	7.70E-02	7.70E-02	7.70E-02	NA	NA	7.70E-02	7.70E-08

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
11 (cont.)	Rabbitbrush	12378-PeCDD	0	1	0	2.44E-01	2.44E-01	2.44E-01	NA	NA	2.44E-01	2.44E-07
	Rabbitbrush	12378-PeCDF	0	1	0	1.33E-01	1.33E-01	1.33E-01	NA	NA	1.33E-01	1.33E-07
	Rabbitbrush	123789-HxCDD	0	1	0	1.74E-01	1.74E-01	1.74E-01	NA	NA	1.74E-01	1.74E-07
	Rabbitbrush	123789-HxCDF	0	1	0	1.03E-01	1.03E-01	1.03E-01	NA	NA	1.03E-01	1.03E-07
	Rabbitbrush	234678-HxCDF	1	1	100	4.08E-01	4.08E-01	4.08E-01	NA	NA	4.08E-01	4.08E-07
	Rabbitbrush	23478-PeCDF	0	1	0	1.29E-01	1.29E-01	1.29E-01	NA	NA	1.29E-01	1.29E-07
	Rabbitbrush	2378-TCDD	0	1	0	1.12E-01	1.12E-01	1.12E-01	NA	NA	1.12E-01	1.12E-07
	Rabbitbrush	2378-TCDF	0	1	0	7.95E-02	7.95E-02	7.95E-02	NA	NA	7.95E-02	7.95E-08
	Rabbitbrush	OCDD	1	1	100	2.30E+00	2.30E+00	2.30E+00	NA	NA	2.30E+00	2.30E-06
	Rabbitbrush	OCDF	1	1	100	2.03E+00	2.03E+00	2.03E+00	NA	NA	2.03E+00	2.03E-06
	Rabbitbrush	TOTAL HpCDD	0	1	0	2.36E-01	2.36E-01	2.36E-01	NA	NA	2.36E-01	2.36E-07
	Rabbitbrush	TOTAL HpCDF	1	1	100	8.31E-01	8.31E-01	8.31E-01	NA	NA	8.31E-01	8.31E-07
	Rabbitbrush	TOTAL HxCDD	0	1	0	1.75E-01	1.75E-01	1.75E-01	NA	NA	1.75E-01	1.75E-07
	Rabbitbrush	TOTAL HxCDF	1	1	100	9.66E-01	9.66E-01	9.66E-01	NA	NA	9.66E-01	9.66E-07
	Rabbitbrush	TOTAL PeCDD	0	1	0	2.44E-01	2.44E-01	2.44E-01	NA	NA	2.44E-01	2.44E-07
	Rabbitbrush	TOTAL PeCDF	1	1	100	5.50E+00	5.50E+00	5.50E+00	NA	NA	5.50E+00	5.50E-06
	Rabbitbrush	TOTAL TCDD	0	1	0	1.12E-01	1.12E-01	1.12E-01	NA	NA	1.12E-01	1.12E-07
	Rabbitbrush	TOTAL TCDF	1	1	100	9.41E+00	9.41E+00	9.41E+00	NA	NA	9.41E+00	9.41E-06
12	Rabbitbrush	1234678-HpCDD	0	1	0	2.79E-01	2.79E-01	2.79E-01	NA	NA	2.79E-01	2.79E-07
	Rabbitbrush	1234678-HpCDF	0	1	0	1.21E-01	1.21E-01	1.21E-01	NA	NA	1.21E-01	1.21E-07
	Rabbitbrush	123478-HxCDD	0	1	0	2.04E-01	2.04E-01	2.04E-01	NA	NA	2.04E-01	2.04E-07
	Rabbitbrush	123478-HxCDF	0	1	0	9.60E-02	9.60E-02	9.60E-02	NA	NA	9.60E-02	9.60E-08
	Rabbitbrush	1234789-HpCDF	0	1	0	1.98E-01	1.98E-01	1.98E-01	NA	NA	1.98E-01	1.98E-07
	Rabbitbrush	123678-HxCDD	0	1	0	1.71E-01	1.71E-01	1.71E-01	NA	NA	1.71E-01	1.71E-07
	Rabbitbrush	123678-HxCDF	0	1	0	7.65E-02	7.65E-02	7.65E-02	NA	NA	7.65E-02	7.65E-08
	Rabbitbrush	12378-PeCDD	0	1	0	1.86E-01	1.86E-01	1.86E-01	NA	NA	1.86E-01	1.86E-07
	Rabbitbrush	12378-PeCDF	0	1	0	9.65E-02	9.65E-02	9.65E-02	NA	NA	9.65E-02	9.65E-08
	Rabbitbrush	123789-HxCDD	0	1	0	1.85E-01	1.85E-01	1.85E-01	NA	NA	1.85E-01	1.85E-07
	Rabbitbrush	123789-HxCDF	0	1	0	1.03E-01	1.03E-01	1.03E-01	NA	NA	1.03E-01	1.03E-07
	Rabbitbrush	234678-HxCDF	0	1	0	9.20E-02	9.20E-02	9.20E-02	NA	NA	9.20E-02	9.20E-08
	Rabbitbrush	23478-PeCDF	0	1	0	9.30E-02	9.30E-02	9.30E-02	NA	NA	9.30E-02	9.30E-08
	Rabbitbrush	2378-TCDD	0	1	0	8.50E-02	8.50E-02	8.50E-02	NA	NA	8.50E-02	8.50E-08
	Rabbitbrush	2378-TCDF	0	1	0	5.45E-02	5.45E-02	5.45E-02	NA	NA	5.45E-02	5.45E-08
	Rabbitbrush	OCDD	1	1	100	1.86E+00	1.86E+00	1.86E+00	NA	NA	1.86E+00	1.86E-06
	Rabbitbrush	OCDF	0	1	0	5.33E-01	5.33E-01	5.33E-01	NA	NA	5.33E-01	5.33E-07
	Rabbitbrush	TOTAL HpCDD	0	1	0	2.79E-01	2.79E-01	2.79E-01	NA	NA	2.79E-01	2.79E-07
	Rabbitbrush	TOTAL HpCDF	0	1	0	1.50E-01	1.50E-01	1.50E-01	NA	NA	1.50E-01	1.50E-07
	Rabbitbrush	TOTAL HxCDD	0	1	0	1.85E-01	1.85E-01	1.85E-01	NA	NA	1.85E-01	1.85E-07
	Rabbitbrush	TOTAL HxCDF	0	1	0	9.05E-02	9.05E-02	9.05E-02	NA	NA	9.05E-02	9.05E-08
	Rabbitbrush	TOTAL PeCDD	0	1	0	1.86E-01	1.86E-01	1.86E-01	NA	NA	1.86E-01	1.86E-07
	Rabbitbrush	TOTAL PeCDF	0	1	0	9.45E-02	9.45E-02	9.45E-02	NA	NA	9.45E-02	9.45E-08

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
12 (cont.)	Rabbitbrush	TOTAL TCDD	0	1	0	8.50E-02	8.50E-02	8.50E-02	NA	NA	8.50E-02	8.50E-08
	Rabbitbrush	TOTAL TCDF	0	1	0	5.45E-02	5.45E-02	5.45E-02	NA	NA	5.45E-02	5.45E-08
	Sweetclover	1234678-HpCDD	0	1	0	2.87E-01	2.87E-01	2.87E-01	NA	NA	2.87E-01	2.87E-07
	Sweetclover	1234678-HpCDF	0	1	0	1.29E-01	1.29E-01	1.29E-01	NA	NA	1.29E-01	1.29E-07
	Sweetclover	123478-HxCDD	0	1	0	2.05E-01	2.05E-01	2.05E-01	NA	NA	2.05E-01	2.05E-07
	Sweetclover	123478-HxCDF	0	1	0	1.07E-01	1.07E-01	1.07E-01	NA	NA	1.07E-01	1.07E-07
	Sweetclover	1234789-HpCDF	0	1	0	2.12E-01	2.12E-01	2.12E-01	NA	NA	2.12E-01	2.12E-07
	Sweetclover	123678-HxCDD	0	1	0	1.71E-01	1.71E-01	1.71E-01	NA	NA	1.71E-01	1.71E-07
	Sweetclover	123678-HxCDF	0	1	0	8.50E-02	8.50E-02	8.50E-02	NA	NA	8.50E-02	8.50E-08
	Sweetclover	12378-PeCDD	0	1	0	1.18E-01	1.18E-01	1.18E-01	NA	NA	1.18E-01	1.18E-07
	Sweetclover	12378-PeCDF	0	1	0	6.90E-02	6.90E-02	6.90E-02	NA	NA	6.90E-02	6.90E-08
	Sweetclover	123789-HxCDD	0	1	0	1.86E-01	1.86E-01	1.86E-01	NA	NA	1.86E-01	1.86E-07
	Sweetclover	123789-HxCDF	0	1	0	1.14E-01	1.14E-01	1.14E-01	NA	NA	1.14E-01	1.14E-07
	Sweetclover	234678-HxCDF	0	1	0	1.02E-01	1.02E-01	1.02E-01	NA	NA	1.02E-01	1.02E-07
	Sweetclover	23478-PeCDF	0	1	0	6.65E-02	6.65E-02	6.65E-02	NA	NA	6.65E-02	6.65E-08
	Sweetclover	2378-TCDD	0	1	0	6.95E-02	6.95E-02	6.95E-02	NA	NA	6.95E-02	6.95E-08
	Sweetclover	2378-TCDF	0	1	0	4.01E-01	4.01E-01	4.01E-01	NA	NA	4.01E-01	4.01E-07
	Sweetclover	OCDD	1	1	100	4.13E+00	4.13E+00	4.13E+00	NA	NA	4.13E+00	4.13E-06
	Sweetclover	OCDF	0	1	0	3.60E-01	3.60E-01	3.60E-01	NA	NA	3.60E-01	3.60E-07
	Sweetclover	TOTAL HpCDD	0	1	0	2.87E-01	2.87E-01	2.87E-01	NA	NA	2.87E-01	2.87E-07
	Sweetclover	TOTAL HpCDF	0	1	0	1.61E-01	1.61E-01	1.61E-01	NA	NA	1.61E-01	1.61E-07
	Sweetclover	TOTAL HxCDD	0	1	0	1.86E-01	1.86E-01	1.86E-01	NA	NA	1.86E-01	1.86E-07
	Sweetclover	TOTAL HxCDF	0	1	0	1.01E-01	1.01E-01	1.01E-01	NA	NA	1.01E-01	1.01E-07
	Sweetclover	TOTAL PeCDD	0	1	0	1.18E-01	1.18E-01	1.18E-01	NA	NA	1.18E-01	1.18E-07
	Sweetclover	TOTAL PeCDF	1	1	100	4.84E-01	4.84E-01	4.84E-01	NA	NA	4.84E-01	4.84E-07
	Sweetclover	TOTAL TCDD	0	1	0	6.95E-02	6.95E-02	6.95E-02	NA	NA	6.95E-02	6.95E-08
	Sweetclover	TOTAL TCDF	1	1	100	8.02E-01	8.02E-01	8.02E-01	NA	NA	8.02E-01	8.02E-07
15	Gumweed	1234678-HpCDD	1	1	100	3.36E+00	3.36E+00	3.36E+00	NA	NA	3.36E+00	3.36E-06
	Gumweed	1234678-HpCDF	1	1	100	1.01E+00	1.01E+00	1.01E+00	NA	NA	1.01E+00	1.01E-06
	Gumweed	123478-HxCDD	0	1	0	8.80E-02	8.80E-02	8.80E-02	NA	NA	8.80E-02	8.80E-08
	Gumweed	123478-HxCDF	0	1	0	4.70E-02	4.70E-02	4.70E-02	NA	NA	4.70E-02	4.70E-08
	Gumweed	1234789-HpCDF	0	1	0	7.50E-02	7.50E-02	7.50E-02	NA	NA	7.50E-02	7.50E-08
	Gumweed	123678-HxCDD	1	1	100	3.10E-01	3.10E-01	3.10E-01	NA	NA	3.10E-01	3.10E-07
	Gumweed	123678-HxCDF	1	1	100	8.92E-02	8.92E-02	8.92E-02	NA	NA	8.92E-02	8.92E-08
	Gumweed	12378-PeCDD	0	1	0	7.40E-02	7.40E-02	7.40E-02	NA	NA	7.40E-02	7.40E-08
	Gumweed	12378-PeCDF	0	1	0	3.95E-02	3.95E-02	3.95E-02	NA	NA	3.95E-02	3.95E-08
	Gumweed	123789-HxCDD	1	1	100	2.17E-01	2.17E-01	2.17E-01	NA	NA	2.17E-01	2.17E-07
	Gumweed	123789-HxCDF	0	1	0	5.00E-02	5.00E-02	5.00E-02	NA	NA	5.00E-02	5.00E-08
	Gumweed	234678-HxCDF	0	1	0	1.84E-01	1.84E-01	1.84E-01	NA	NA	1.84E-01	1.84E-07
	Gumweed	23478-PeCDF	0	1	0	3.80E-02	3.80E-02	3.80E-02	NA	NA	3.80E-02	3.80E-08
	Gumweed	2378-TCDD	0	1	0	4.55E-02	4.55E-02	4.55E-02	NA	NA	4.55E-02	4.55E-08

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
15 (cont.)	Gumweed	2378-TCDF	0	1	0	1.95E-01	1.95E-01	1.95E-01	NA	NA	1.95E-01	1.95E-07
	Gumweed	OCDD	1	1	100	1.33E+01	1.33E+01	1.33E+01	NA	NA	1.33E+01	1.33E-05
	Gumweed	OCDF	1	1	100	1.73E+00	1.73E+00	1.73E+00	NA	NA	1.73E+00	1.73E-06
	Gumweed	TOTAL HpCDD	1	1	100	5.08E+00	5.08E+00	5.08E+00	NA	NA	5.08E+00	5.08E-06
	Gumweed	TOTAL HpCDF	1	1	100	1.43E+00	1.43E+00	1.43E+00	NA	NA	1.43E+00	1.43E-06
	Gumweed	TOTAL HxCDD	1	1	100	1.52E+00	1.52E+00	1.52E+00	NA	NA	1.52E+00	1.52E-06
	Gumweed	TOTAL HxCDF	1	1	100	1.10E+00	1.10E+00	1.10E+00	NA	NA	1.10E+00	1.10E-06
	Gumweed	TOTAL PeCDD	0	1	0	7.40E-02	7.40E-02	7.40E-02	NA	NA	7.40E-02	7.40E-08
	Gumweed	TOTAL PeCDF	1	1	100	5.21E-01	5.21E-01	5.21E-01	NA	NA	5.21E-01	5.21E-07
	Gumweed	TOTAL TCDD	1	1	100	1.30E-01	1.30E-01	1.30E-01	NA	NA	1.30E-01	1.30E-07
	Gumweed	TOTAL TCDF	1	1	100	5.53E-01	5.53E-01	5.53E-01	NA	NA	5.53E-01	5.53E-07
	Rabbitbrush	1234678-HpCDD	1	3	33	1.08E-01	9.48E+00	3.32E+00	5.34E+00	1.23E+01	9.48E+00	9.48E-06
	Rabbitbrush	1234678-HpCDF	2	3	67	1.53E-01	1.80E+00	7.96E-01	8.81E-01	2.28E+00	1.80E+00	1.80E-06
	Rabbitbrush	123478-HxCDD	0	3	0	9.20E-02	2.48E-01	1.83E-01	8.12E-02	3.20E-01	2.48E-01	2.48E-07
	Rabbitbrush	123478-HxCDF	0	3	0	4.55E-02	1.21E-01	9.07E-02	3.99E-02	1.58E-01	1.21E-01	1.21E-07
	Rabbitbrush	1234789-HpCDF	0	3	0	8.15E-02	2.50E-01	1.80E-01	8.76E-02	3.28E-01	2.50E-01	2.50E-07
	Rabbitbrush	123678-HxCDD	0	3	0	7.70E-02	2.08E-01	1.53E-01	6.79E-02	2.68E-01	2.08E-01	2.08E-07
	Rabbitbrush	123678-HxCDF	0	3	0	3.60E-02	9.65E-02	7.22E-02	3.19E-02	1.26E-01	9.65E-02	9.65E-08
	Rabbitbrush	12378-PeCDD	0	3	0	1.10E-01	2.67E-01	2.07E-01	8.53E-02	3.51E-01	2.67E-01	2.67E-07
	Rabbitbrush	12378-PeCDF	0	3	0	5.80E-02	1.44E-01	1.06E-01	4.36E-02	1.79E-01	1.44E-01	1.44E-07
	Rabbitbrush	123789-HxCDD	1	3	33	8.35E-02	8.31E-01	3.80E-01	3.97E-01	1.05E+00	8.31E-01	8.31E-07
	Rabbitbrush	123789-HxCDF	0	3	0	4.85E-02	1.30E-01	9.72E-02	4.30E-02	1.70E-01	1.30E-01	1.30E-07
	Rabbitbrush	234678-HxCDF	1	3	33	4.35E-02	4.10E-01	1.90E-01	1.94E-01	5.17E-01	4.10E-01	4.10E-07
	Rabbitbrush	23478-PeCDF	0	3	0	5.60E-02	1.39E-01	1.02E-01	4.21E-02	1.73E-01	1.39E-01	1.39E-07
	Rabbitbrush	2378-TCDD	0	3	0	5.60E-02	1.09E-01	8.37E-02	2.64E-02	1.28E-01	1.09E-01	1.09E-07
	Rabbitbrush	2378-TCDF	1	3	33	3.80E-02	4.14E-01	1.76E-01	2.07E-01	5.25E-01	4.14E-01	4.14E-07
	Rabbitbrush	OCDD	1	3	33	2.30E-01	7.92E+01	2.68E+01	4.53E+01	1.03E+02	7.92E+01	7.92E-05
	Rabbitbrush	OCDF	2	3	67	8.37E-01	6.79E+00	3.01E+00	3.28E+00	8.55E+00	6.79E+00	6.79E-06
	Rabbitbrush	TOTAL HpCDD	1	3	33	3.62E-01	4.74E+00	1.91E+00	2.45E+00	6.05E+00	4.74E+00	4.74E-06
	Rabbitbrush	TOTAL HpCDF	2	3	67	1.89E-01	3.90E+00	1.51E+00	2.08E+00	5.01E+00	3.90E+00	3.90E-06
	Rabbitbrush	TOTAL HxCDD	2	3	67	2.26E-01	7.00E+00	2.49E+00	3.91E+00	9.07E+00	7.00E+00	7.00E-06
	Rabbitbrush	TOTAL HxCDF	1	3	33	4.30E-02	2.25E+00	8.03E-01	1.25E+00	2.92E+00	2.25E+00	2.25E-06
	Rabbitbrush	TOTAL PeCDD	0	3	0	1.10E-01	2.67E-01	2.07E-01	8.53E-02	3.51E-01	2.67E-01	2.67E-07
	Rabbitbrush	TOTAL PeCDF	1	3	33	5.70E-02	5.93E-01	2.64E-01	2.88E-01	7.49E-01	5.93E-01	5.93E-07
	Rabbitbrush	TOTAL TCDD	1	3	33	8.65E-02	1.63E-01	1.19E-01	3.93E-02	1.85E-01	1.63E-01	1.63E-07
	Rabbitbrush	TOTAL TCDF	2	3	67	7.70E-02	1.86E+00	6.94E-01	1.01E+00	2.39E+00	1.86E+00	1.86E-06
	Sweetclover	1234678-HpCDD	1	2	50	5.31E-01	1.23E+00	8.82E-01	4.96E-01	3.10E+00	1.23E+00	1.23E-06
	Sweetclover	1234678-HpCDF	0	2	0	8.45E-02	2.87E-01	1.86E-01	1.43E-01	8.26E-01	2.87E-01	2.87E-07
	Sweetclover	123478-HxCDD	0	2	0	1.39E-01	3.66E-01	2.53E-01	1.61E-01	9.69E-01	3.66E-01	3.66E-07
	Sweetclover	123478-HxCDF	0	2	0	7.40E-02	1.84E-01	1.29E-01	7.74E-02	4.74E-01	1.84E-01	1.84E-07
	Sweetclover	1234789-HpCDF	0	2	0	1.38E-01	4.02E-01	2.70E-01	1.87E-01	1.10E+00	4.02E-01	4.02E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
15 (cont.)	Sweetclover	123678-HxCDD	0	2	0	1.16E-01	3.06E-01	2.11E-01	1.34E-01	8.11E-01	3.06E-01	3.06E-07
	Sweetclover	123678-HxCDF	0	2	0	5.90E-02	1.47E-01	1.03E-01	6.19E-02	3.79E-01	1.47E-01	1.47E-07
	Sweetclover	12378-PeCDD	0	2	0	9.35E-02	2.15E-01	1.54E-01	8.59E-02	5.38E-01	2.15E-01	2.15E-07
	Sweetclover	12378-PeCDF	0	2	0	5.40E-02	1.19E-01	8.65E-02	4.60E-02	2.92E-01	1.19E-01	1.19E-07
	Sweetclover	123789-HxCDD	0	2	0	1.26E-01	3.32E-01	2.29E-01	1.45E-01	8.78E-01	3.32E-01	3.32E-07
	Sweetclover	123789-HxCDF	0	2	0	7.90E-02	1.97E-01	1.38E-01	8.31E-02	5.09E-01	1.97E-01	1.97E-07
	Sweetclover	234678-HxCDF	0	2	0	7.10E-02	1.76E-01	1.24E-01	7.42E-02	4.55E-01	1.76E-01	1.76E-07
	Sweetclover	23478-PeCDF	0	2	0	5.20E-02	1.15E-01	8.35E-02	4.45E-02	2.82E-01	1.15E-01	1.15E-07
	Sweetclover	2378-TCDD	0	2	0	6.25E-02	1.17E-01	8.98E-02	3.85E-02	2.62E-01	1.17E-01	1.17E-07
	Sweetclover	2378-TCDF	0	2	0	5.30E-02	9.40E-02	7.35E-02	2.90E-02	2.03E-01	9.40E-02	9.40E-08
	Sweetclover	OCDD	2	2	100	9.90E+00	2.00E+01	1.49E+01	7.12E+00	4.68E+01	2.00E+01	2.00E-05
	Sweetclover	OCDF	0	2	0	2.13E-01	7.26E-01	4.69E-01	3.63E-01	2.09E+00	7.26E-01	7.26E-07
	Sweetclover	TOTAL HpCDD	2	2	100	2.59E+00	2.97E+00	2.78E+00	2.66E-01	3.97E+00	2.97E+00	2.97E-06
	Sweetclover	TOTAL HpCDF	2	2	100	5.60E-01	1.22E+00	8.89E-01	4.65E-01	2.97E+00	1.22E+00	1.22E-06
	Sweetclover	TOTAL HxCDD	0	2	0	1.26E-01	3.33E-01	2.29E-01	1.46E-01	8.81E-01	3.33E-01	3.33E-07
	Sweetclover	TOTAL HxCDF	0	2	0	7.00E-02	1.74E-01	1.22E-01	7.32E-02	4.49E-01	1.74E-01	1.74E-07
	Sweetclover	TOTAL PeCDD	0	2	0	9.35E-02	2.15E-01	1.54E-01	8.59E-02	5.38E-01	2.15E-01	2.15E-07
	Sweetclover	TOTAL PeCDF	1	2	50	1.17E-01	1.77E-01	1.47E-01	4.24E-02	3.36E-01	1.77E-01	1.77E-07
	Sweetclover	TOTAL TCDD	0	2	0	6.25E-02	1.17E-01	8.98E-02	3.85E-02	2.62E-01	1.17E-01	1.17E-07
	Sweetclover	TOTAL TCDF	0	2	0	5.30E-02	9.40E-02	7.35E-02	2.90E-02	2.03E-01	9.40E-02	9.40E-08
1b	Gumweed	1234678-HpCDD	1	2	50	5.50E-02	6.07E+00	3.06E+00	4.25E+00	2.21E+01	6.07E+00	6.07E-06
	Gumweed	1234678-HpCDF	1	2	50	2.45E-01	5.42E-01	3.93E-01	2.10E-01	1.33E+00	5.42E-01	5.42E-07
	Gumweed	123478-HxCDD	0	2	0	5.40E-02	4.02E-01	2.28E-01	2.46E-01	1.32E+00	4.02E-01	4.02E-07
	Gumweed	123478-HxCDF	0	2	0	2.95E-02	2.23E-01	1.26E-01	1.37E-01	7.37E-01	2.23E-01	2.23E-07
	Gumweed	1234789-HpCDF	0	2	0	4.85E-02	4.01E-01	2.25E-01	2.49E-01	1.34E+00	4.01E-01	4.01E-07
	Gumweed	123678-HxCDD	0	2	0	4.50E-02	3.36E-01	1.90E-01	2.05E-01	1.11E+00	3.36E-01	3.36E-07
	Gumweed	123678-HxCDF	0	2	0	2.35E-02	1.78E-01	1.01E-01	1.09E-01	5.89E-01	1.78E-01	1.78E-07
	Gumweed	12378-PeCDD	0	2	0	3.95E-02	2.57E-01	1.48E-01	1.53E-01	8.33E-01	2.57E-01	2.57E-07
	Gumweed	12378-PeCDF	0	2	0	2.10E-02	1.38E-01	7.95E-02	8.27E-02	4.49E-01	1.38E-01	1.38E-07
	Gumweed	123789-HxCDD	0	2	0	4.90E-02	3.64E-01	2.07E-01	2.23E-01	1.20E+00	3.64E-01	3.64E-07
	Gumweed	123789-HxCDF	0	2	0	3.15E-02	2.39E-01	1.35E-01	1.47E-01	7.90E-01	2.39E-01	2.39E-07
	Gumweed	234678-HxCDF	0	2	0	2.80E-02	2.14E-01	1.21E-01	1.32E-01	7.08E-01	2.14E-01	2.14E-07
	Gumweed	23478-PeCDF	0	2	0	2.00E-02	1.33E-01	7.65E-02	7.99E-02	4.33E-01	1.33E-01	1.33E-07
	Gumweed	2378-TCDD	0	2	0	2.55E-02	1.71E-01	9.83E-02	1.03E-01	5.58E-01	1.71E-01	1.71E-07
	Gumweed	2378-TCDF	0	2	0	1.39E-01	2.23E-01	1.81E-01	5.99E-02	4.48E-01	2.23E-01	2.23E-07
	Gumweed	OCDD	1	2	50	6.51E-01	4.98E+00	2.81E+00	3.06E+00	1.65E+01	4.98E+00	4.98E-06
	Gumweed	OCDF	2	2	100	1.48E+00	2.41E+00	1.94E+00	6.63E-01	4.90E+00	2.41E+00	2.41E-06
	Gumweed	TOTAL HpCDD	2	2	100	7.44E-01	1.28E+01	6.80E+00	8.56E+00	4.50E+01	1.28E+01	1.28E-05
	Gumweed	TOTAL HpCDF	1	2	50	3.04E-01	7.44E-01	5.24E-01	3.11E-01	1.91E+00	7.44E-01	7.44E-07
	Gumweed	TOTAL HxCDD	2	2	100	3.71E-01	5.55E+00	2.96E+00	3.66E+00	1.93E+01	5.55E+00	5.55E-06
	Gumweed	TOTAL HxCDF	1	2	50	2.11E-01	2.19E-01	2.15E-01	5.44E-03	2.39E-01	2.19E-01	2.19E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
1b (cont.)	Gumweed	TOTAL PeCDD	0	2	0	3.95E-02	2.57E-01	1.48E-01	1.53E-01	8.33E-01	2.57E-01	2.57E-07
	Gumweed	TOTAL PeCDF	0	2	0	2.05E-02	1.36E-01	7.80E-02	8.13E-02	4.41E-01	1.36E-01	1.36E-07
	Gumweed	TOTAL TCDD	1	2	50	1.71E-01	1.73E-01	1.72E-01	1.20E-03	1.77E-01	1.73E-01	1.73E-07
	Gumweed	TOTAL TCDF	1	2	50	1.39E-01	8.50E-01	4.94E-01	5.03E-01	2.74E+00	8.50E-01	8.50E-07
	Rabbitbrush	1234678-HpCDD	1	2	50	1.55E-01	8.98E-01	5.26E-01	5.26E-01	2.87E+00	8.98E-01	8.98E-07
	Rabbitbrush	1234678-HpCDF	0	2	0	6.25E-02	6.85E-02	6.55E-02	4.24E-03	8.44E-02	6.85E-02	6.85E-08
	Rabbitbrush	123478-HxCDD	0	2	0	8.40E-02	1.03E-01	9.35E-02	1.34E-02	1.53E-01	1.03E-01	1.03E-07
	Rabbitbrush	123478-HxCDF	0	2	0	5.15E-02	5.35E-02	5.25E-02	1.41E-03	5.88E-02	5.35E-02	5.35E-08
	Rabbitbrush	1234789-HpCDF	0	2	0	9.65E-02	1.13E-01	1.05E-01	1.13E-02	1.55E-01	1.13E-01	1.13E-07
	Rabbitbrush	123678-HxCDD	0	2	0	6.90E-02	8.65E-02	7.78E-02	1.24E-02	1.33E-01	8.65E-02	8.65E-08
	Rabbitbrush	123678-HxCDF	0	2	0	4.00E-02	4.10E-02	4.05E-02	7.07E-04	4.37E-02	4.10E-02	4.10E-08
	Rabbitbrush	12378-PeCDD	0	2	0	6.60E-02	6.95E-02	6.78E-02	2.47E-03	7.88E-02	6.95E-02	6.95E-08
	Rabbitbrush	12378-PeCDF	0	2	0	3.75E-02	4.20E-02	3.98E-02	3.18E-03	5.40E-02	4.20E-02	4.20E-08
	Rabbitbrush	123789-HxCDD	0	2	0	6.05E-02	9.35E-02	7.70E-02	2.33E-02	1.81E-01	9.35E-02	9.35E-08
	Rabbitbrush	123789-HxCDF	0	2	0	5.40E-02	5.50E-02	5.45E-02	7.07E-04	5.77E-02	5.50E-02	5.50E-08
	Rabbitbrush	234678-HxCDF	0	2	0	4.95E-02	5.05E-02	5.00E-02	7.07E-04	5.32E-02	5.05E-02	5.05E-08
	Rabbitbrush	23478-PeCDF	0	2	0	3.65E-02	4.25E-02	3.95E-02	4.24E-03	5.84E-02	4.25E-02	4.25E-08
	Rabbitbrush	2378-TCDD	0	2	0	3.55E-02	3.65E-02	3.60E-02	7.11E-04	3.92E-02	3.65E-02	3.65E-08
	Rabbitbrush	2378-TCDF	0	2	0	2.95E-02	3.00E-02	2.98E-02	3.54E-04	3.13E-02	3.00E-02	3.00E-08
	Rabbitbrush	OCDD	0	2	0	2.54E-01	1.70E+00	9.75E-01	1.02E+00	5.53E+00	1.70E+00	1.70E-06
	Rabbitbrush	OCDF	0	2	0	1.70E-01	2.15E-01	1.93E-01	3.18E-02	3.35E-01	2.15E-01	2.15E-07
	Rabbitbrush	TOTAL HpCDD	1	2	50	1.55E-01	1.76E+00	9.58E-01	1.14E+00	6.03E+00	1.76E+00	1.76E-06
	Rabbitbrush	TOTAL HpCDF	0	2	0	7.60E-02	8.50E-02	8.05E-02	6.36E-03	1.09E-01	8.50E-02	8.50E-08
	Rabbitbrush	TOTAL HxCDD	1	2	50	9.40E-02	1.99E-01	1.47E-01	7.43E-02	4.78E-01	1.99E-01	1.99E-07
	Rabbitbrush	TOTAL HxCDF	0	2	0	4.85E-02	4.90E-02	4.88E-02	3.54E-04	5.03E-02	4.90E-02	4.90E-08
	Rabbitbrush	TOTAL PeCDD	0	2	0	6.60E-02	6.95E-02	6.78E-02	2.47E-03	7.88E-02	6.95E-02	6.95E-08
	Rabbitbrush	TOTAL PeCDF	0	2	0	3.70E-02	4.25E-02	3.98E-02	3.89E-03	5.71E-02	4.25E-02	4.25E-08
	Rabbitbrush	TOTAL TCDD	0	2	0	3.55E-02	3.65E-02	3.60E-02	7.11E-04	3.92E-02	3.65E-02	3.65E-08
	Rabbitbrush	TOTAL TCDF	1	2	50	2.95E-02	5.71E-01	3.00E-01	3.83E-01	2.01E+00	5.71E-01	5.71E-07
1c	Gumweed	1234678-HpCDD	0	2	0	5.17E-01	7.38E-01	6.28E-01	1.56E-01	1.33E+00	7.38E-01	7.38E-07
	Gumweed	1234678-HpCDF	1	2	50	2.61E-01	1.00E+01	5.15E+00	6.91E+00	3.60E+01	1.00E+01	1.00E-05
	Gumweed	123478-HxCDD	0	2	0	4.08E-01	5.95E-01	5.01E-01	1.32E-01	1.09E+00	5.95E-01	5.95E-07
	Gumweed	123478-HxCDF	1	2	50	2.05E-01	2.03E+00	1.12E+00	1.29E+00	6.89E+00	2.03E+00	2.03E-06
	Gumweed	1234789-HpCDF	0	2	0	4.28E-01	6.01E-01	5.14E-01	1.22E-01	1.06E+00	6.01E-01	6.01E-07
	Gumweed	123678-HxCDD	0	2	0	3.41E-01	4.98E-01	4.19E-01	1.11E-01	9.13E-01	4.98E-01	4.98E-07
	Gumweed	123678-HxCDF	0	2	0	1.64E-01	2.68E-01	2.16E-01	7.35E-02	5.44E-01	2.68E-01	2.68E-07
	Gumweed	12378-PeCDD	0	2	0	2.51E-01	4.05E-01	3.28E-01	1.09E-01	8.14E-01	4.05E-01	4.05E-07
	Gumweed	12378-PeCDF	0	2	0	1.37E-01	2.60E-01	1.98E-01	8.66E-02	5.85E-01	2.60E-01	2.60E-07
	Gumweed	123789-HxCDD	0	2	0	3.70E-01	5.39E-01	4.54E-01	1.20E-01	9.89E-01	5.39E-01	5.39E-07
	Gumweed	123789-HxCDF	0	2	0	2.20E-01	3.60E-01	2.90E-01	9.90E-02	7.32E-01	3.60E-01	3.60E-07
	Gumweed	234678-HxCDF	0	2	0	2.80E-01	3.22E-01	3.01E-01	2.99E-02	4.34E-01	3.22E-01	3.22E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
1c (cont.)	Gumweed	23478-PeCDF	0	2	0	1.33E-01	2.51E-01	1.92E-01	8.34E-02	5.64E-01	2.51E-01	2.51E-07
	Gumweed	2378-TCDD	0	2	0	1.69E-01	2.72E-01	2.20E-01	7.32E-02	5.47E-01	2.72E-01	2.72E-07
	Gumweed	2378-TCDF	0	2	0	1.31E-01	2.16E-01	1.74E-01	6.01E-02	4.42E-01	2.16E-01	2.16E-07
	Gumweed	OCDD	1	2	50	8.17E-01	4.11E+00	2.46E+00	2.33E+00	1.28E+01	4.11E+00	4.11E-06
	Gumweed	OCDF	1	2	50	6.92E-01	1.87E+01	9.71E+00	1.28E+01	6.66E+01	1.87E+01	1.87E-05
	Gumweed	TOTAL HpCDD	0	2	0	5.17E-01	7.38E-01	6.28E-01	1.56E-01	1.33E+00	7.38E-01	7.38E-07
	Gumweed	TOTAL HpCDF	1	2	50	3.25E-01	1.00E+01	5.18E+00	6.86E+00	3.58E+01	1.00E+01	1.00E-05
	Gumweed	TOTAL HxCDD	0	2	0	3.71E-01	5.41E-01	4.56E-01	1.20E-01	9.93E-01	5.41E-01	5.41E-07
	Gumweed	TOTAL HxCDF	2	2	100	5.60E-01	3.65E+00	2.11E+00	2.19E+00	1.19E+01	3.65E+00	3.65E-06
	Gumweed	TOTAL PeCDD	0	2	0	2.51E-01	4.05E-01	3.28E-01	1.09E-01	8.14E-01	4.05E-01	4.05E-07
	Gumweed	TOTAL PeCDF	1	2	50	1.35E-01	1.49E+00	8.15E-01	9.61E-01	5.11E+00	1.49E+00	1.49E-06
	Gumweed	TOTAL TCDD	0	2	0	1.69E-01	2.72E-01	2.20E-01	7.32E-02	5.47E-01	2.72E-01	2.72E-07
	Gumweed	TOTAL TCDF	0	2	0	1.31E-01	2.16E-01	1.74E-01	6.01E-02	4.42E-01	2.16E-01	2.16E-07
	Rabbitbrush	1234678-HpCDD	0	2	0	7.00E-02	2.12E-01	1.41E-01	1.00E-01	5.89E-01	2.12E-01	2.12E-07
	Rabbitbrush	1234678-HpCDF	1	2	50	8.90E-02	1.61E-01	1.25E-01	5.06E-02	3.51E-01	1.61E-01	1.61E-07
	Rabbitbrush	123478-HxCDD	0	2	0	5.35E-02	1.37E-01	9.50E-02	5.87E-02	3.57E-01	1.37E-01	1.37E-07
	Rabbitbrush	123478-HxCDF	0	2	0	3.20E-02	6.70E-02	4.95E-02	2.47E-02	1.60E-01	6.70E-02	6.70E-08
	Rabbitbrush	1234789-HpCDF	0	2	0	5.65E-02	1.46E-01	1.01E-01	6.29E-02	3.82E-01	1.46E-01	1.46E-07
	Rabbitbrush	123678-HxCDD	0	2	0	4.40E-02	1.14E-01	7.90E-02	4.95E-02	3.00E-01	1.14E-01	1.14E-07
	Rabbitbrush	123678-HxCDF	0	2	0	2.40E-02	5.35E-02	3.88E-02	2.09E-02	1.32E-01	5.35E-02	5.35E-08
	Rabbitbrush	12378-PeCDD	0	2	0	3.40E-02	8.25E-02	5.83E-02	3.43E-02	2.11E-01	8.25E-02	8.25E-08
	Rabbitbrush	12378-PeCDF	0	2	0	2.10E-02	4.20E-02	3.15E-02	1.48E-02	9.78E-02	4.20E-02	4.20E-08
	Rabbitbrush	123789-HxCDD	0	2	0	3.85E-02	1.24E-01	8.10E-02	6.01E-02	3.49E-01	1.24E-01	1.24E-07
	Rabbitbrush	123789-HxCDF	0	2	0	3.25E-02	7.15E-02	5.20E-02	2.76E-02	1.75E-01	7.15E-02	7.15E-08
	Rabbitbrush	234678-HxCDF	0	2	0	6.40E-02	1.62E-01	1.13E-01	6.94E-02	4.23E-01	1.62E-01	1.62E-07
	Rabbitbrush	23478-PeCDF	0	2	0	2.15E-02	4.05E-02	3.10E-02	1.34E-02	9.10E-02	4.05E-02	4.05E-08
	Rabbitbrush	2378-TCDD	0	2	0	1.95E-02	4.25E-02	3.10E-02	1.63E-02	1.04E-01	4.25E-02	4.25E-08
	Rabbitbrush	2378-TCDF	0	2	0	3.55E-02	2.07E-01	1.21E-01	1.21E-01	6.61E-01	2.07E-01	2.07E-07
	Rabbitbrush	OCDD	0	2	0	3.69E-01	4.80E-01	4.24E-01	7.85E-02	7.74E-01	4.80E-01	4.80E-07
	Rabbitbrush	OCDF	0	2	0	8.45E-02	3.12E-01	1.98E-01	1.61E-01	9.17E-01	3.12E-01	3.12E-07
	Rabbitbrush	TOTAL HpCDD	0	2	0	7.00E-02	2.12E-01	1.41E-01	1.00E-01	5.89E-01	2.12E-01	2.12E-07
	Rabbitbrush	TOTAL HpCDF	1	2	50	1.11E-01	1.61E-01	1.36E-01	3.54E-02	2.94E-01	1.61E-01	1.61E-07
	Rabbitbrush	TOTAL HxCDD	0	2	0	4.45E-02	1.24E-01	8.43E-02	5.62E-02	3.35E-01	1.24E-01	1.24E-07
	Rabbitbrush	TOTAL HxCDF	1	2	50	6.30E-02	3.24E-01	1.94E-01	1.85E-01	1.02E+00	3.24E-01	3.24E-07
	Rabbitbrush	TOTAL PeCDD	0	2	0	3.40E-02	8.25E-02	5.83E-02	3.43E-02	2.11E-01	8.25E-02	8.25E-08
	Rabbitbrush	TOTAL PeCDF	1	2	50	4.10E-02	2.26E-01	1.34E-01	1.31E-01	7.19E-01	2.26E-01	2.26E-07
	Rabbitbrush	TOTAL TCDD	1	2	50	4.25E-02	1.54E-01	9.83E-02	7.89E-02	4.51E-01	1.54E-01	1.54E-07
	Rabbitbrush	TOTAL TCDF	1	2	50	3.55E-02	1.12E+00	5.75E-01	7.64E-01	3.99E+00	1.12E+00	1.12E-06
21	Gumweed	1234678-HpCDD	2	2	100	1.50E+00	2.49E+01	1.32E+01	1.66E+01	8.72E+01	2.49E+01	2.49E-05
	Gumweed	1234678-HpCDF	0	2	0	6.40E-02	1.66E-01	1.15E-01	7.21E-02	4.37E-01	1.66E-01	1.66E-07
	Gumweed	123478-HxCDD	0	2	0	1.02E-01	2.68E-01	1.85E-01	1.18E-01	7.10E-01	2.68E-01	2.68E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
21 (cont.)	Gumweed	123478-HxCDF	0	2	0	5.95E-02	1.33E-01	9.63E-02	5.20E-02	3.28E-01	1.33E-01	1.33E-07
	Gumweed	1234789-HpCDF	0	2	0	1.05E-01	2.72E-01	1.88E-01	1.18E-01	7.15E-01	2.72E-01	2.72E-07
	Gumweed	123678-HxCDD	1	2	50	8.45E-02	1.26E+00	6.70E-01	8.29E-01	4.37E+00	1.26E+00	1.26E-06
	Gumweed	123678-HxCDF	0	2	0	4.75E-02	1.07E-01	7.70E-02	4.17E-02	2.63E-01	1.07E-01	1.07E-07
	Gumweed	12378-PeCDD	0	2	0	6.60E-02	1.65E-01	1.15E-01	6.97E-02	4.26E-01	1.65E-01	1.65E-07
	Gumweed	12378-PeCDF	0	2	0	4.15E-02	9.55E-02	6.85E-02	3.82E-02	2.39E-01	9.55E-02	9.55E-08
	Gumweed	123789-HxCDD	0	2	0	9.20E-02	2.43E-01	1.68E-01	1.07E-01	6.44E-01	2.43E-01	2.43E-07
	Gumweed	123789-HxCDF	0	2	0	6.35E-02	1.43E-01	1.03E-01	5.59E-02	3.52E-01	1.43E-01	1.43E-07
	Gumweed	234678-HxCDF	0	2	0	1.60E-01	3.27E-01	2.43E-01	1.18E-01	7.72E-01	3.27E-01	3.27E-07
	Gumweed	23478-PeCDF	0	2	0	4.00E-02	9.20E-02	6.60E-02	3.68E-02	2.30E-01	9.20E-02	9.20E-08
	Gumweed	2378-TCDD	0	2	0	4.30E-02	1.14E-01	7.82E-02	4.99E-02	3.01E-01	1.14E-01	1.14E-07
	Gumweed	2378-TCDF	0	2	0	9.45E-02	2.07E-01	1.51E-01	7.97E-02	5.06E-01	2.07E-01	2.07E-07
	Gumweed	OCDD	2	2	100	1.03E+01	1.81E+02	9.56E+01	1.21E+02	6.35E+02	1.81E+02	1.81E-04
	Gumweed	OCDF	1	2	50	1.41E-01	1.02E+01	5.17E+00	7.11E+00	3.69E+01	1.02E+01	1.02E-05
	Gumweed	TOTAL HpCDD	2	2	100	3.05E+00	5.31E+01	2.81E+01	3.54E+01	1.86E+02	5.31E+01	5.31E-05
	Gumweed	TOTAL HpCDF	1	2	50	7.90E-02	3.97E+00	2.02E+00	2.75E+00	1.43E+01	3.97E+00	3.97E-06
	Gumweed	TOTAL HxCDD	2	2	100	8.71E-01	1.28E+01	6.84E+00	8.45E+00	4.46E+01	1.28E+01	1.28E-05
	Gumweed	TOTAL HxCDF	2	2	100	6.55E-01	4.39E+00	2.52E+00	2.64E+00	1.43E+01	4.39E+00	4.39E-06
	Gumweed	TOTAL PeCDD	1	2	50	6.60E-02	5.54E-01	3.10E-01	3.45E-01	1.85E+00	5.54E-01	5.54E-07
	Gumweed	TOTAL PeCDF	2	2	100	3.37E-01	1.18E+00	7.58E-01	5.94E-01	3.41E+00	1.18E+00	1.18E-06
	Gumweed	TOTAL TCDD	0	2	0	4.30E-02	1.14E-01	7.82E-02	4.99E-02	3.01E-01	1.14E-01	1.14E-07
	Gumweed	TOTAL TCDF	1	2	50	9.45E-02	1.11E+00	6.00E-01	7.15E-01	3.79E+00	1.11E+00	1.11E-06
	Rabbitbrush	1234678-HpCDD	1	2	50	2.15E-01	2.42E+01	1.22E+01	1.69E+01	8.78E+01	2.42E+01	2.42E-05
	Rabbitbrush	1234678-HpCDF	1	2	50	9.10E-02	2.29E+00	1.19E+00	1.55E+00	8.12E+00	2.29E+00	2.29E-06
	Rabbitbrush	123478-HxCDD	1	2	50	1.49E-01	8.20E-01	4.84E-01	4.74E-01	2.60E+00	8.20E-01	8.20E-07
	Rabbitbrush	123478-HxCDF	0	2	0	7.30E-02	7.60E-02	7.45E-02	2.12E-03	8.40E-02	7.60E-02	7.60E-08
	Rabbitbrush	1234789-HpCDF	0	2	0	1.50E-01	1.50E-01	1.50E-01	3.54E-04	1.51E-01	1.50E-01	1.50E-07
	Rabbitbrush	123678-HxCDD	1	2	50	1.25E-01	1.17E+00	6.45E-01	7.36E-01	3.93E+00	1.17E+00	1.17E-06
	Rabbitbrush	123678-HxCDF	0	2	0	5.85E-02	6.05E-02	5.95E-02	1.41E-03	6.58E-02	6.05E-02	6.05E-08
	Rabbitbrush	12378-PeCDD	1	2	50	1.90E-01	7.73E-01	4.82E-01	4.13E-01	2.32E+00	7.73E-01	7.73E-07
	Rabbitbrush	12378-PeCDF	0	2	0	9.45E-02	9.65E-02	9.55E-02	1.41E-03	1.02E-01	9.65E-02	9.65E-08
	Rabbitbrush	123789-HxCDD	1	2	50	1.35E-01	2.99E+00	1.56E+00	2.02E+00	1.06E+01	2.99E+00	2.99E-06
	Rabbitbrush	123789-HxCDF	0	2	0	7.85E-02	8.15E-02	8.00E-02	2.12E-03	8.95E-02	8.15E-02	8.15E-08
	Rabbitbrush	234678-HxCDF	2	2	100	2.94E-01	4.42E-01	3.68E-01	1.04E-01	8.34E-01	4.42E-01	4.42E-07
	Rabbitbrush	23478-PeCDF	0	2	0	9.10E-02	9.30E-02	9.20E-02	1.41E-03	9.83E-02	9.30E-02	9.30E-08
	Rabbitbrush	2378-TCDD	0	2	0	8.00E-02	9.30E-02	8.65E-02	9.19E-03	1.28E-01	9.30E-02	9.30E-08
	Rabbitbrush	2378-TCDF	1	2	50	5.30E-02	1.00E+00	5.28E-01	6.72E-01	3.53E+00	1.00E+00	1.00E-06
	Rabbitbrush	OCDD	2	2	100	4.20E+00	2.75E+02	1.40E+02	1.91E+02	9.94E+02	2.75E+02	2.75E-04
	Rabbitbrush	OCDF	1	2	50	4.50E-01	1.52E+01	7.83E+00	1.04E+01	5.45E+01	1.52E+01	1.52E-05
	Rabbitbrush	TOTAL HpCDD	1	2	50	2.15E-01	5.13E+01	2.58E+01	3.61E+01	1.87E+02	5.13E+01	5.13E-05
	Rabbitbrush	TOTAL HpCDF	1	2	50	1.14E-01	5.17E+00	2.64E+00	3.58E+00	1.86E+01	5.17E+00	5.17E-06

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
21 (cont.)	Rabbitbrush	TOTAL HxCDD	1	2	50	1.36E-01	1.65E+01	8.30E+00	1.15E+01	5.99E+01	1.65E+01	1.65E-05
	Rabbitbrush	TOTAL HxCDF	2	2	100	2.94E-01	2.30E+00	1.30E+00	1.42E+00	7.63E+00	2.30E+00	2.30E-06
	Rabbitbrush	TOTAL PeCDD	1	2	50	1.90E-01	1.28E+00	7.37E-01	7.74E-01	4.19E+00	1.28E+00	1.28E-06
	Rabbitbrush	TOTAL PeCDF	2	2	100	2.18E-01	1.05E+00	6.32E-01	5.86E-01	3.25E+00	1.05E+00	1.05E-06
	Rabbitbrush	TOTAL TCDD	0	2	0	8.00E-02	9.30E-02	8.65E-02	9.19E-03	1.28E-01	9.30E-02	9.30E-08
	Rabbitbrush	TOTAL TCDF	1	2	50	5.30E-02	4.41E+00	2.23E+00	3.08E+00	1.60E+01	4.41E+00	4.41E-06
37	Ambrosia	1234678-HpCDD	1	1	100	1.03E+01	1.03E+01	1.03E+01	NA	NA	1.03E+01	1.03E-05
	Ambrosia	1234678-HpCDF	0	1	0	8.60E-02	8.60E-02	8.60E-02	NA	NA	8.60E-02	8.60E-08
	Ambrosia	123478-HxCDD	1	1	100	6.61E-01	6.61E-01	6.61E-01	NA	NA	6.61E-01	6.61E-07
	Ambrosia	123478-HxCDF	1	1	100	2.30E-01	2.30E-01	2.30E-01	NA	NA	2.30E-01	2.30E-07
	Ambrosia	1234789-HpCDF	0	1	0	1.32E-01	1.32E-01	1.32E-01	NA	NA	1.32E-01	1.32E-07
	Ambrosia	123678-HxCDD	1	1	100	8.02E-01	8.02E-01	8.02E-01	NA	NA	8.02E-01	8.02E-07
	Ambrosia	123678-HxCDF	0	1	0	5.75E-02	5.75E-02	5.75E-02	NA	NA	5.75E-02	5.75E-08
	Ambrosia	12378-PeCDD	1	1	100	3.59E-01	3.59E-01	3.59E-01	NA	NA	3.59E-01	3.59E-07
	Ambrosia	12378-PeCDF	0	1	0	5.75E-02	5.75E-02	5.75E-02	NA	NA	5.75E-02	5.75E-08
	Ambrosia	123789-HxCDD	0	1	0	5.71E-01	5.71E-01	5.71E-01	NA	NA	5.71E-01	5.71E-07
	Ambrosia	123789-HxCDF	0	1	0	7.70E-02	7.70E-02	7.70E-02	NA	NA	7.70E-02	7.70E-08
	Ambrosia	234678-HxCDF	0	1	0	2.21E-01	2.21E-01	2.21E-01	NA	NA	2.21E-01	2.21E-07
	Ambrosia	23478-PeCDF	0	1	0	5.80E-02	5.80E-02	5.80E-02	NA	NA	5.80E-02	5.80E-08
	Ambrosia	2378-TCDD	0	1	0	5.30E-02	5.30E-02	5.30E-02	NA	NA	5.30E-02	5.30E-08
	Ambrosia	2378-TCDF	0	1	0	1.20E-01	1.20E-01	1.20E-01	NA	NA	1.20E-01	1.20E-07
	Ambrosia	OCDD	1	1	100	3.02E+01	3.02E+01	3.02E+01	NA	NA	3.02E+01	3.02E-05
	Ambrosia	OCDF	1	1	100	1.27E+00	1.27E+00	1.27E+00	NA	NA	1.27E+00	1.27E-06
	Ambrosia	TOTAL HpCDD	1	1	100	1.89E+01	1.89E+01	1.89E+01	NA	NA	1.89E+01	1.89E-05
	Ambrosia	TOTAL HpCDF	1	1	100	9.24E-01	9.24E-01	9.24E-01	NA	NA	9.24E-01	9.24E-07
	Ambrosia	TOTAL HxCDD	1	1	100	7.09E+00	7.09E+00	7.09E+00	NA	NA	7.09E+00	7.09E-06
	Ambrosia	TOTAL HxCDF	1	1	100	1.76E+00	1.76E+00	1.76E+00	NA	NA	1.76E+00	1.76E-06
	Ambrosia	TOTAL PeCDD	1	1	100	5.99E-01	5.99E-01	5.99E-01	NA	NA	5.99E-01	5.99E-07
	Ambrosia	TOTAL PeCDF	1	1	100	7.65E-01	7.65E-01	7.65E-01	NA	NA	7.65E-01	7.65E-07
	Ambrosia	TOTAL TCDD	0	1	0	5.30E-02	5.30E-02	5.30E-02	NA	NA	5.30E-02	5.30E-08
	Ambrosia	TOTAL TCDF	1	1	100	2.40E-01	2.40E-01	2.40E-01	NA	NA	2.40E-01	2.40E-07
	Rabbitbrush	1234678-HpCDD	2	2	100	2.32E+01	4.33E+01	3.33E+01	1.42E+01	9.67E+01	4.33E+01	4.33E-05
	Rabbitbrush	1234678-HpCDF	2	2	100	1.45E+00	2.61E+00	2.03E+00	8.26E-01	5.72E+00	2.61E+00	2.61E-06
	Rabbitbrush	123478-HxCDD	2	2	100	1.43E+00	2.69E+00	2.06E+00	8.93E-01	6.05E+00	2.69E+00	2.69E-06
	Rabbitbrush	123478-HxCDF	2	2	100	3.88E-01	1.04E+00	7.12E-01	4.58E-01	2.76E+00	1.04E+00	1.04E-06
	Rabbitbrush	1234789-HpCDF	1	2	50	6.05E-02	7.62E-01	4.11E-01	4.96E-01	2.62E+00	7.62E-01	7.62E-07
	Rabbitbrush	123678-HxCDD	2	2	100	1.81E+00	3.39E+00	2.60E+00	1.11E+00	7.57E+00	3.39E+00	3.39E-06
	Rabbitbrush	123678-HxCDF	2	2	100	2.30E-01	5.01E-01	3.65E-01	1.92E-01	1.22E+00	5.01E-01	5.01E-07
	Rabbitbrush	12378-PeCDD	2	2	100	9.23E-01	1.80E+00	1.36E+00	6.17E-01	4.11E+00	1.80E+00	1.80E-06
	Rabbitbrush	12378-PeCDF	1	2	50	8.87E-02	9.60E-02	9.24E-02	5.16E-03	1.15E-01	9.60E-02	9.60E-08
	Rabbitbrush	123789-HxCDD	2	2	100	2.96E+00	6.06E+00	4.51E+00	2.19E+00	1.43E+01	6.06E+00	6.06E-06

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
37 (cont.)	Rabbitbrush	123789-HxCDF	0	2	0	3.80E-02	1.00E-01	6.90E-02	4.38E-02	2.65E-01	1.00E-01	1.00E-07
	Rabbitbrush	234678-HxCDF	2	2	100	5.30E-01	9.57E-01	7.43E-01	3.02E-01	2.09E+00	9.57E-01	9.57E-07
	Rabbitbrush	23478-PeCDF	1	2	50	3.75E-02	3.73E-01	2.05E-01	2.37E-01	1.26E+00	3.73E-01	3.73E-07
	Rabbitbrush	2378-TCDD	2	2	100	1.72E-01	2.82E-01	2.27E-01	7.81E-02	5.76E-01	2.82E-01	2.82E-07
	Rabbitbrush	2378-TCDF	0	2	0	3.50E-02	7.45E-02	5.48E-02	2.79E-02	1.79E-01	7.45E-02	7.45E-08
	Rabbitbrush	OCDD	2	2	100	7.87E+01	1.42E+02	1.10E+02	4.44E+01	3.08E+02	1.42E+02	1.42E-04
	Rabbitbrush	OCDF	2	2	100	3.57E+00	6.65E+00	5.11E+00	2.17E+00	1.48E+01	6.65E+00	6.65E-06
	Rabbitbrush	TOTAL HpCDD	2	2	100	4.67E+01	8.10E+01	6.38E+01	2.42E+01	1.72E+02	8.10E+01	8.10E-05
	Rabbitbrush	TOTAL HpCDF	2	2	100	3.32E+00	6.49E+00	4.91E+00	2.24E+00	1.49E+01	6.49E+00	6.49E-06
	Rabbitbrush	TOTAL HxCDD	2	2	100	2.12E+01	3.89E+01	3.01E+01	1.25E+01	8.58E+01	3.89E+01	3.89E-05
	Rabbitbrush	TOTAL HxCDF	2	2	100	2.37E+00	6.76E+00	4.56E+00	3.11E+00	1.84E+01	6.76E+00	6.76E-06
	Rabbitbrush	TOTAL PeCDD	1	2	50	5.49E+00	6.28E+00	5.89E+00	5.64E-01	8.40E+00	6.28E+00	6.28E-06
	Rabbitbrush	TOTAL PeCDF	2	2	100	1.13E+00	4.86E+00	2.99E+00	2.63E+00	1.48E+01	4.86E+00	4.86E-06
	Rabbitbrush	TOTAL TCDD	2	2	100	7.87E-01	1.54E+00	1.17E+00	5.34E-01	3.55E+00	1.54E+00	1.54E-06
	Rabbitbrush	TOTAL TCDF	1	2	50	5.56E-01	2.53E+00	1.54E+00	1.39E+00	7.76E+00	2.53E+00	2.53E-06
	Sweetclover	1234678-HpCDD	2	2	100	7.89E+00	3.75E+01	2.27E+01	2.09E+01	1.16E+02	3.75E+01	3.75E-05
	Sweetclover	1234678-HpCDF	0	2	0	2.66E-01	1.12E+00	6.94E-01	6.05E-01	3.39E+00	1.12E+00	1.12E-06
	Sweetclover	123478-HxCDD	1	2	50	3.95E-01	2.43E+00	1.41E+00	1.44E+00	7.83E+00	2.43E+00	2.43E-06
	Sweetclover	123478-HxCDF	1	2	50	1.87E-01	1.16E+00	6.76E-01	6.91E-01	3.76E+00	1.16E+00	1.16E-06
	Sweetclover	1234789-HpCDF	0	2	0	3.90E-01	4.36E-01	4.13E-01	3.25E-02	5.58E-01	4.36E-01	4.36E-07
	Sweetclover	123678-HxCDD	2	2	100	6.52E-01	3.46E+00	2.06E+00	1.99E+00	1.09E+01	3.46E+00	3.46E-06
	Sweetclover	123678-HxCDF	1	2	50	1.49E-01	6.31E-01	3.90E-01	3.41E-01	1.91E+00	6.31E-01	6.31E-07
	Sweetclover	12378-PeCDD	0	2	0	2.02E-01	2.11E-01	2.06E-01	6.36E-03	2.34E-01	2.11E-01	2.11E-07
	Sweetclover	12378-PeCDF	0	2	0	1.16E-01	1.23E-01	1.19E-01	5.30E-03	1.43E-01	1.23E-01	1.23E-07
	Sweetclover	123789-HxCDD	2	2	100	9.53E-01	5.45E+00	3.20E+00	3.18E+00	1.74E+01	5.45E+00	5.45E-06
	Sweetclover	123789-HxCDF	0	2	0	1.94E-01	2.00E-01	1.97E-01	4.60E-03	2.17E-01	2.00E-01	2.00E-07
	Sweetclover	234678-HxCDF	1	2	50	1.80E-01	1.07E+00	6.23E-01	6.27E-01	3.42E+00	1.07E+00	1.07E-06
	Sweetclover	23478-PeCDF	0	2	0	1.12E-01	1.19E-01	1.15E-01	4.95E-03	1.37E-01	1.19E-01	1.19E-07
	Sweetclover	2378-TCDD	0	2	0	1.14E-01	1.23E-01	1.18E-01	6.01E-03	1.45E-01	1.23E-01	1.23E-07
	Sweetclover	2378-TCDF	0	2	0	9.40E-02	9.80E-02	9.60E-02	2.83E-03	1.09E-01	9.80E-02	9.80E-08
	Sweetclover	OCDD	2	2	100	3.14E+01	9.77E+01	6.45E+01	4.69E+01	2.74E+02	9.77E+01	9.77E-05
	Sweetclover	OCDF	0	2	0	6.80E-01	8.15E-01	7.48E-01	9.55E-02	1.17E+00	8.15E-01	8.15E-07
	Sweetclover	TOTAL HpCDD	2	2	100	1.58E+01	6.60E+01	4.09E+01	3.55E+01	1.99E+02	6.60E+01	6.60E-05
	Sweetclover	TOTAL HpCDF	1	2	50	3.31E-01	5.47E+00	2.90E+00	3.63E+00	1.91E+01	5.47E+00	5.47E-06
	Sweetclover	TOTAL HxCDD	2	2	100	3.85E+00	3.21E+01	1.80E+01	2.00E+01	1.07E+02	3.21E+01	3.21E-05
	Sweetclover	TOTAL HxCDF	2	2	100	6.21E-01	7.02E+00	3.82E+00	4.53E+00	2.40E+01	7.02E+00	7.02E-06
	Sweetclover	TOTAL PeCDD	1	2	50	2.11E-01	8.34E+00	4.28E+00	5.75E+00	2.99E+01	8.34E+00	8.34E-06
	Sweetclover	TOTAL PeCDF	1	2	50	1.21E-01	4.05E+00	2.09E+00	2.78E+00	1.45E+01	4.05E+00	4.05E-06
	Sweetclover	TOTAL TCDD	1	2	50	1.23E-01	7.89E-01	4.56E-01	4.71E-01	2.56E+00	7.89E-01	7.89E-07
	Sweetclover	TOTAL TCDF	1	2	50	9.80E-02	2.23E+00	1.16E+00	1.51E+00	7.88E+00	2.23E+00	2.23E-06
	Gumweed	1234678-HpCDD	0	1	0	3.99E-01	3.99E-01	3.99E-01	NA	NA	3.99E-01	3.99E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
42	Gumweed	1234678-HpCDF	0	1	0	2.02E-01	2.02E-01	2.02E-01	NA	NA	2.02E-01	2.02E-07
	Gumweed	123478-HxCDD	0	1	0	3.71E-01	3.71E-01	3.71E-01	NA	NA	3.71E-01	3.71E-07
	Gumweed	123478-HxCDF	0	1	0	2.02E-01	2.02E-01	2.02E-01	NA	NA	2.02E-01	2.02E-07
	Gumweed	1234789-HpCDF	0	1	0	3.32E-01	3.32E-01	3.32E-01	NA	NA	3.32E-01	3.32E-07
	Gumweed	123678-HxCDD	0	1	0	3.11E-01	3.11E-01	3.11E-01	NA	NA	3.11E-01	3.11E-07
	Gumweed	123678-HxCDF	0	1	0	1.62E-01	1.62E-01	1.62E-01	NA	NA	1.62E-01	1.62E-07
	Gumweed	12378-PeCDD	0	1	0	2.31E-01	2.31E-01	2.31E-01	NA	NA	2.31E-01	2.31E-07
	Gumweed	12378-PeCDF	0	1	0	1.58E-01	1.58E-01	1.58E-01	NA	NA	1.58E-01	1.58E-07
	Gumweed	123789-HxCDD	0	1	0	3.37E-01	3.37E-01	3.37E-01	NA	NA	3.37E-01	3.37E-07
	Gumweed	123789-HxCDF	0	1	0	2.17E-01	2.17E-01	2.17E-01	NA	NA	2.17E-01	2.17E-07
	Gumweed	234678-HxCDF	0	1	0	1.94E-01	1.94E-01	1.94E-01	NA	NA	1.94E-01	1.94E-07
	Gumweed	23478-PeCDF	0	1	0	1.53E-01	1.53E-01	1.53E-01	NA	NA	1.53E-01	1.53E-07
	Gumweed	2378-TCDD	0	1	0	1.71E-01	1.71E-01	1.71E-01	NA	NA	1.71E-01	1.71E-07
	Gumweed	2378-TCDF	0	1	0	1.31E-01	1.31E-01	1.31E-01	NA	NA	1.31E-01	1.31E-07
	Gumweed	OCDD	0	1	0	5.37E-01	5.37E-01	5.37E-01	NA	NA	5.37E-01	5.37E-07
	Gumweed	OCDF	0	1	0	4.55E-01	4.55E-01	4.55E-01	NA	NA	4.55E-01	4.55E-07
	Gumweed	TOTAL HpCDD	1	1	100	3.07E+00	3.07E+00	3.07E+00	NA	NA	3.07E+00	3.07E-06
	Gumweed	TOTAL HpCDF	1	1	100	6.25E-01	6.25E-01	6.25E-01	NA	NA	6.25E-01	6.25E-07
	Gumweed	TOTAL HxCDD	0	1	0	3.38E-01	3.38E-01	3.38E-01	NA	NA	3.38E-01	3.38E-07
	Gumweed	TOTAL HxCDF	0	1	0	1.91E-01	1.91E-01	1.91E-01	NA	NA	1.91E-01	1.91E-07
	Gumweed	TOTAL PeCDD	0	1	0	2.31E-01	2.31E-01	2.31E-01	NA	NA	2.31E-01	2.31E-07
	Gumweed	TOTAL PeCDF	0	1	0	1.55E-01	1.55E-01	1.55E-01	NA	NA	1.55E-01	1.55E-07
	Gumweed	TOTAL TCDD	0	1	0	1.71E-01	1.71E-01	1.71E-01	NA	NA	1.71E-01	1.71E-07
	Gumweed	TOTAL TCDF	0	1	0	1.31E-01	1.31E-01	1.31E-01	NA	NA	1.31E-01	1.31E-07
	Rabbitbrush	1234678-HpCDD	4	9	44	1.94E-01	1.70E+00	8.03E-01	5.29E-01	1.13E+00	1.13E+00	1.13E-06
	Rabbitbrush	1234678-HpCDF	4	9	44	6.60E-02	5.19E-01	2.83E-01	1.59E-01	3.82E-01	3.82E-01	3.82E-07
	Rabbitbrush	123478-HxCDD	0	9	0	9.85E-02	4.49E-01	2.90E-01	1.34E-01	3.73E-01	4.49E-01	4.49E-07
	Rabbitbrush	123478-HxCDF	0	9	0	5.25E-02	2.88E-01	1.74E-01	9.01E-02	2.30E-01	2.88E-01	2.88E-07
	Rabbitbrush	1234789-HpCDF	0	9	0	1.02E-01	4.41E-01	2.78E-01	1.26E-01	3.56E-01	4.41E-01	4.41E-07
	Rabbitbrush	123678-HxCDD	0	9	0	8.10E-02	4.15E-01	2.60E-01	1.30E-01	3.41E-01	4.15E-01	4.15E-07
	Rabbitbrush	123678-HxCDF	0	9	0	3.95E-02	2.11E-01	1.30E-01	6.46E-02	1.70E-01	2.11E-01	2.11E-07
	Rabbitbrush	12378-PeCDD	0	9	0	5.20E-02	3.22E-01	2.07E-01	1.01E-01	2.70E-01	3.22E-01	3.22E-07
	Rabbitbrush	12378-PeCDF	0	9	0	3.20E-02	2.01E-01	1.24E-01	6.21E-02	1.62E-01	2.01E-01	2.01E-07
	Rabbitbrush	123789-HxCDD	0	9	0	7.10E-02	3.97E-01	2.52E-01	1.24E-01	3.29E-01	3.97E-01	3.97E-07
	Rabbitbrush	123789-HxCDF	0	9	0	5.25E-02	3.20E-01	1.91E-01	1.03E-01	2.55E-01	3.20E-01	3.20E-07
	Rabbitbrush	234678-HxCDF	2	9	22	1.42E-01	3.15E-01	2.37E-01	6.26E-02	2.76E-01	2.76E-01	2.76E-07
	Rabbitbrush	23478-PeCDF	1	9	11	3.25E-02	2.00E-01	1.33E-01	5.88E-02	1.69E-01	1.69E-01	1.69E-07
	Rabbitbrush	2378-TCDD	0	9	0	2.95E-02	2.11E-01	1.24E-01	6.62E-02	1.65E-01	2.11E-01	2.11E-07
	Rabbitbrush	2378-TCDF	3	9	33	2.45E-02	7.44E-01	2.35E-01	2.28E-01	3.76E-01	3.76E-01	3.76E-07
	Rabbitbrush	OCDD	8	9	89	7.72E-01	1.31E+01	6.79E+00	3.50E+00	8.96E+00	8.96E+00	8.96E-06
	Rabbitbrush	OCDF	5	9	56	2.92E-01	1.77E+00	1.10E+00	5.29E-01	1.43E+00	1.43E+00	1.43E-06

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
42 (cont.)	Rabbitbrush	TOTAL HpCDD	5	9	56	1.94E-01	2.99E+00	1.20E+00	1.06E+00	1.86E+00	1.86E+00	1.86E-06
	Rabbitbrush	TOTAL HpCDF	5	9	56	1.59E-01	5.19E-01	3.47E-01	1.30E-01	4.28E-01	4.28E-01	4.28E-07
	Rabbitbrush	TOTAL HxCDD	1	9	11	1.71E-01	4.19E-01	3.21E-01	9.26E-02	3.78E-01	3.78E-01	3.78E-07
	Rabbitbrush	TOTAL HxCDF	4	9	44	1.36E-01	5.81E-01	3.03E-01	1.30E-01	3.84E-01	3.84E-01	3.84E-07
	Rabbitbrush	TOTAL PeCDD	0	9	0	7.58E-02	3.22E-01	2.10E-01	9.66E-02	2.70E-01	3.22E-01	3.22E-07
	Rabbitbrush	TOTAL PeCDF	3	9	33	1.02E-01	4.97E-01	1.99E-01	1.16E-01	2.71E-01	2.71E-01	2.71E-07
	Rabbitbrush	TOTAL TCDD	1	9	11	5.75E-02	2.30E-01	1.46E-01	6.41E-02	1.86E-01	1.86E-01	1.86E-07
	Rabbitbrush	TOTAL TCDF	4	9	44	7.85E-02	2.43E+00	5.05E-01	7.57E-01	9.75E-01	9.75E-01	9.75E-07
	Sweetclover	1234678-HpCDD	4	8	50	9.45E-02	2.11E+00	6.00E-01	6.49E-01	1.03E+00	1.03E+00	1.03E-06
	Sweetclover	1234678-HpCDF	0	8	0	7.15E-02	4.31E-01	1.80E-01	1.41E-01	2.75E-01	4.31E-01	4.31E-07
	Sweetclover	123478-HxCDD	0	8	0	6.45E-02	7.01E-01	2.59E-01	2.42E-01	4.21E-01	7.01E-01	7.01E-07
	Sweetclover	123478-HxCDF	1	8	13	3.25E-02	3.93E-01	1.38E-01	1.25E-01	2.22E-01	2.22E-01	2.22E-07
	Sweetclover	1234789-HpCDF	0	8	0	6.55E-02	7.05E-01	2.74E-01	2.54E-01	4.44E-01	7.05E-01	7.05E-07
	Sweetclover	123678-HxCDD	0	8	0	5.40E-02	5.86E-01	2.17E-01	2.02E-01	3.52E-01	5.86E-01	5.86E-07
	Sweetclover	123678-HxCDF	0	8	0	2.55E-02	3.13E-01	1.05E-01	1.03E-01	1.75E-01	3.13E-01	3.13E-07
	Sweetclover	12378-PeCDD	0	8	0	4.65E-02	5.48E-01	1.73E-01	1.77E-01	2.92E-01	5.48E-01	5.48E-07
	Sweetclover	12378-PeCDF	0	8	0	2.55E-02	3.23E-01	9.40E-02	1.02E-01	1.63E-01	3.23E-01	3.23E-07
	Sweetclover	123789-HxCDD	0	8	0	5.85E-02	6.35E-01	2.35E-01	2.19E-01	3.82E-01	6.35E-01	6.35E-07
	Sweetclover	123789-HxCDF	0	8	0	3.45E-02	4.21E-01	1.41E-01	1.39E-01	2.34E-01	4.21E-01	4.21E-07
	Sweetclover	234678-HxCDF	3	8	38	3.30E-02	3.77E-01	2.08E-01	1.29E-01	2.95E-01	2.95E-01	2.95E-07
	Sweetclover	23478-PeCDF	0	8	0	2.45E-02	3.12E-01	1.01E-01	9.42E-02	1.64E-01	3.12E-01	3.12E-07
	Sweetclover	2378-TCDD	1	8	13	2.50E-02	9.43E-01	2.00E-01	3.25E-01	4.18E-01	4.18E-01	4.18E-07
	Sweetclover	2378-TCDF	0	8	0	2.15E-02	4.20E-01	1.88E-01	1.51E-01	2.89E-01	4.20E-01	4.20E-07
	Sweetclover	OCDD	6	8	75	7.66E-01	1.17E+02	1.62E+01	4.08E+01	4.36E+01	4.36E+01	4.36E-05
	Sweetclover	OCDF	6	8	75	2.08E-01	2.86E+00	1.03E+00	8.97E-01	1.64E+00	1.64E+00	1.64E-06
	Sweetclover	TOTAL HpCDD	5	8	63	9.45E-02	4.79E+00	1.02E+00	1.55E+00	2.06E+00	2.06E+00	2.06E-06
	Sweetclover	TOTAL HpCDF	3	8	38	8.90E-02	7.40E-01	2.78E-01	2.35E-01	4.36E-01	4.36E-01	4.36E-07
	Sweetclover	TOTAL HxCDD	0	8	0	5.85E-02	6.37E-01	2.35E-01	2.20E-01	3.83E-01	6.37E-01	6.37E-07
	Sweetclover	TOTAL HxCDF	5	8	63	6.80E-02	1.03E+00	3.32E-01	3.12E-01	5.41E-01	5.41E-01	5.41E-07
	Sweetclover	TOTAL PeCDD	0	8	0	4.65E-02	5.48E-01	1.73E-01	1.77E-01	2.92E-01	5.48E-01	5.48E-07
	Sweetclover	TOTAL PeCDF	4	8	50	2.50E-02	3.92E-01	1.91E-01	1.23E-01	2.74E-01	2.74E-01	2.74E-07
	Sweetclover	TOTAL TCDD	5	8	63	5.70E-02	9.43E-01	2.68E-01	2.92E-01	4.63E-01	4.63E-01	4.63E-07
	Sweetclover	TOTAL TCDF	7	8	88	2.48E-01	1.95E+00	7.42E-01	5.72E-01	1.13E+00	1.13E+00	1.13E-06
45	Gumweed	1234678-HpCDD	2	3	67	2.45E-01	1.78E+00	8.98E-01	7.90E-01	2.23E+00	1.78E+00	1.78E-06
	Gumweed	1234678-HpCDF	2	3	67	1.16E-01	6.31E-01	3.94E-01	2.60E-01	8.33E-01	6.31E-01	6.31E-07
	Gumweed	123478-HxCDD	0	3	0	1.08E-01	1.66E-01	1.39E-01	2.91E-02	1.88E-01	1.66E-01	1.66E-07
	Gumweed	123478-HxCDF	0	3	0	5.35E-02	8.55E-02	6.98E-02	1.60E-02	9.68E-02	8.55E-02	8.55E-08
	Gumweed	1234789-HpCDF	0	3	0	1.18E-01	1.89E-01	1.54E-01	3.58E-02	2.15E-01	1.89E-01	1.89E-07
	Gumweed	123678-HxCDD	0	3	0	9.05E-02	1.38E-01	1.16E-01	2.40E-02	1.57E-01	1.38E-01	1.38E-07
	Gumweed	123678-HxCDF	0	3	0	4.30E-02	6.85E-02	5.60E-02	1.28E-02	7.75E-02	6.85E-02	6.85E-08
	Gumweed	12378-PeCDD	0	3	0	7.20E-02	1.16E-01	9.25E-02	2.19E-02	1.29E-01	1.16E-01	1.16E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
45 (cont.)	Gumweed	12378-PeCDF	0	3	0	3.85E-02	6.55E-02	5.33E-02	1.37E-02	7.64E-02	6.55E-02	6.55E-08
	Gumweed	123789-HxCDD	0	3	0	9.80E-02	1.50E-01	1.26E-01	2.63E-02	1.70E-01	1.50E-01	1.50E-07
	Gumweed	123789-HxCDF	0	3	0	5.75E-02	9.20E-02	7.50E-02	1.73E-02	1.04E-01	9.20E-02	9.20E-08
	Gumweed	234678-HxCDF	0	3	0	1.45E-01	1.69E-01	1.57E-01	1.23E-02	1.78E-01	1.69E-01	1.69E-07
	Gumweed	23478-PeCDF	0	3	0	3.75E-02	6.30E-02	5.15E-02	1.29E-02	7.33E-02	6.30E-02	6.30E-08
	Gumweed	2378-TCDD	0	3	0	3.35E-02	5.40E-02	4.43E-02	1.03E-02	6.17E-02	5.40E-02	5.40E-08
	Gumweed	2378-TCDF	1	3	33	4.20E-02	9.01E-01	3.62E-01	4.70E-01	1.15E+00	9.01E-01	9.01E-07
	Gumweed	OCDD	3	3	100	3.91E+00	1.06E+01	6.37E+00	3.66E+00	1.25E+01	1.06E+01	1.06E-05
	Gumweed	OCDF	1	3	33	2.38E-01	8.81E-01	4.81E-01	3.49E-01	1.07E+00	8.81E-01	8.81E-07
	Gumweed	TOTAL HpCDD	2	3	67	2.45E-01	3.79E+00	1.57E+00	1.94E+00	4.83E+00	3.79E+00	3.79E-06
	Gumweed	TOTAL HpCDF	2	3	67	1.44E-01	6.31E-01	4.04E-01	2.45E-01	8.17E-01	6.31E-01	6.31E-07
	Gumweed	TOTAL HxCDD	1	3	33	9.80E-02	3.80E-01	2.09E-01	1.50E-01	4.62E-01	3.80E-01	3.80E-07
	Gumweed	TOTAL HxCDF	3	3	100	2.89E-01	3.38E-01	3.15E-01	2.46E-02	3.56E-01	3.38E-01	3.38E-07
	Gumweed	TOTAL PeCDD	0	3	0	7.20E-02	1.16E-01	9.25E-02	2.19E-02	1.29E-01	1.16E-01	1.16E-07
	Gumweed	TOTAL PeCDF	1	3	33	1.05E-01	6.19E-01	2.90E-01	2.85E-01	7.71E-01	6.19E-01	6.19E-07
	Gumweed	TOTAL TCDD	2	3	67	3.35E-02	3.37E-01	1.78E-01	1.52E-01	4.34E-01	3.37E-01	3.37E-07
	Gumweed	TOTAL TCDF	3	3	100	2.87E-01	1.78E+00	8.08E-01	8.45E-01	2.23E+00	1.78E+00	1.78E-06
	Jackrabbit	1234678-HpCDD	15	15	100	5.53E-01	3.07E+01	6.44E+00	7.86E+00	1.00E+01	1.00E+01	1.00E-05
	Jackrabbit	1234678-HpCDF	9	15	60	4.90E-02	1.03E+01	1.48E+00	2.71E+00	2.71E+00	2.71E+00	2.71E-06
	Jackrabbit	123478-HxCDD	3	15	20	4.10E-02	6.26E-01	1.59E-01	1.46E-01	2.25E-01	2.25E-01	2.25E-07
	Jackrabbit	123478-HxCDF	6	15	40	3.20E-02	6.10E-01	1.69E-01	1.59E-01	2.41E-01	2.41E-01	2.41E-07
	Jackrabbit	1234789-HpCDF	1	15	7	3.40E-02	3.96E-01	1.31E-01	1.02E-01	1.77E-01	1.77E-01	1.77E-07
	Jackrabbit	123678-HxCDD	5	15	33	3.45E-02	1.10E+00	2.92E-01	3.23E-01	4.39E-01	4.39E-01	4.39E-07
	Jackrabbit	123678-HxCDF	4	15	27	2.35E-02	2.99E-01	1.05E-01	1.00E-01	1.50E-01	1.50E-01	1.50E-07
	Jackrabbit	12378-PeCDD	1	15	7	3.10E-02	2.07E-01	8.41E-02	4.30E-02	1.04E-01	1.04E-01	1.04E-07
	Jackrabbit	12378-PeCDF	0	15	0	1.80E-02	1.33E-01	4.78E-02	2.80E-02	6.05E-02	1.33E-01	1.33E-07
	Jackrabbit	123789-HxCDD	4	15	27	4.45E-02	8.69E-01	1.96E-01	2.33E-01	3.02E-01	3.02E-01	3.02E-07
	Jackrabbit	123789-HxCDF	0	15	0	2.35E-02	1.84E-01	7.10E-02	3.84E-02	8.84E-02	1.84E-01	1.84E-07
	Jackrabbit	234678-HxCDF	11	15	73	4.85E-02	8.33E-01	3.36E-01	2.34E-01	4.43E-01	4.43E-01	4.43E-07
	Jackrabbit	23478-PeCDF	1	15	7	1.90E-02	1.97E-01	5.78E-02	4.73E-02	7.94E-02	7.94E-02	7.94E-08
	Jackrabbit	2378-TCDD	0	15	0	1.90E-02	1.30E-01	5.11E-02	2.68E-02	6.33E-02	1.30E-01	1.30E-07
	Jackrabbit	2378-TCDF	1	15	7	1.90E-02	1.13E-01	4.86E-02	2.77E-02	6.12E-02	6.12E-02	6.12E-08
	Jackrabbit	OCDD	15	15	100	1.53E+00	1.91E+02	3.42E+01	5.82E+01	6.06E+01	6.06E+01	6.06E-05
	Jackrabbit	OCDF	6	15	40	4.35E-02	1.25E+01	2.06E+00	3.51E+00	3.65E+00	3.65E+00	3.65E-06
	Jackrabbit	TOTAL HpCDD	15	15	100	5.53E-01	3.12E+01	6.71E+00	7.95E+00	1.03E+01	1.03E+01	1.03E-05
	Jackrabbit	TOTAL HpCDF	11	15	73	6.00E-02	1.03E+01	1.80E+00	2.74E+00	3.04E+00	3.04E+00	3.04E-06
	Jackrabbit	TOTAL HxCDD	6	15	40	4.70E-02	2.60E+00	4.88E-01	7.35E-01	8.22E-01	8.22E-01	8.22E-07
	Jackrabbit	TOTAL HxCDF	11	15	73	4.70E-02	2.15E+00	6.38E-01	6.18E-01	9.19E-01	9.19E-01	9.19E-07
	Jackrabbit	TOTAL PeCDD	1	15	7	3.10E-02	2.07E-01	8.41E-02	4.30E-02	1.04E-01	1.04E-01	1.04E-07
	Jackrabbit	TOTAL PeCDF	1	15	7	1.95E-02	1.97E-01	6.22E-02	4.80E-02	8.41E-02	8.41E-02	8.41E-08
	Jackrabbit	TOTAL TCDD	1	15	7	2.20E-02	1.30E-01	5.36E-02	2.52E-02	6.50E-02	6.50E-02	6.50E-08

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
45 (cont.)	Jackrabbit	TOTAL TCDF	1	15	7	1.90E-02	1.13E-01	4.86E-02	2.77E-02	6.12E-02	6.12E-02	6.12E-08
	Rabbitbrush	1234678-HpCDD	1	5	20	1.07E-01	3.47E-01	2.22E-01	8.55E-02	3.03E-01	3.03E-01	3.03E-07
	Rabbitbrush	1234678-HpCDF	0	5	0	4.20E-02	1.01E-01	7.57E-02	2.62E-02	1.01E-01	1.01E-01	1.01E-07
	Rabbitbrush	123478-HxCDD	0	5	0	6.05E-02	1.64E-01	1.16E-01	4.65E-02	1.60E-01	1.64E-01	1.64E-07
	Rabbitbrush	123478-HxCDF	0	5	0	3.80E-02	7.65E-02	6.05E-02	1.76E-02	7.73E-02	7.65E-02	7.65E-08
	Rabbitbrush	1234789-HpCDF	0	5	0	6.50E-02	1.66E-01	1.22E-01	4.53E-02	1.66E-01	1.66E-01	1.66E-07
	Rabbitbrush	123678-HxCDD	0	5	0	5.00E-02	1.37E-01	9.64E-02	3.94E-02	1.34E-01	1.37E-01	1.37E-07
	Rabbitbrush	123678-HxCDF	0	5	0	2.85E-02	6.10E-02	4.75E-02	1.50E-02	6.18E-02	6.10E-02	6.10E-08
	Rabbitbrush	12378-PeCDD	0	5	0	4.10E-02	1.03E-01	7.26E-02	2.83E-02	9.96E-02	1.03E-01	1.03E-07
	Rabbitbrush	12378-PeCDF	0	5	0	2.45E-02	5.25E-02	3.95E-02	1.28E-02	5.17E-02	5.25E-02	5.25E-08
	Rabbitbrush	123789-HxCDD	0	5	0	4.40E-02	1.49E-01	1.00E-01	4.85E-02	1.46E-01	1.49E-01	1.49E-07
	Rabbitbrush	123789-HxCDF	0	5	0	3.80E-02	8.20E-02	6.37E-02	2.03E-02	8.31E-02	8.20E-02	8.20E-08
	Rabbitbrush	234678-HxCDF	0	5	0	3.60E-02	1.53E-01	7.99E-02	4.35E-02	1.21E-01	1.53E-01	1.53E-07
	Rabbitbrush	23478-PeCDF	0	5	0	2.50E-02	5.05E-02	3.85E-02	1.17E-02	4.96E-02	5.05E-02	5.05E-08
	Rabbitbrush	2378-TCDD	0	5	0	2.20E-02	4.45E-02	3.53E-02	1.19E-02	4.67E-02	4.45E-02	4.45E-08
	Rabbitbrush	2378-TCDF	0	5	0	3.55E-02	2.79E-01	1.20E-01	1.17E-01	2.31E-01	2.79E-01	2.79E-07
	Rabbitbrush	OCDD	1	5	20	3.36E-01	1.99E+00	8.83E-01	6.86E-01	1.54E+00	1.54E+00	1.54E-06
	Rabbitbrush	OCDF	0	5	0	9.95E-02	3.26E-01	2.29E-01	1.03E-01	3.27E-01	3.26E-01	3.26E-07
	Rabbitbrush	TOTAL HpCDD	1	5	20	1.07E-01	7.43E-01	3.01E-01	2.52E-01	5.41E-01	5.41E-01	5.41E-07
	Rabbitbrush	TOTAL HpCDF	0	5	0	5.10E-02	1.26E-01	9.36E-02	3.33E-02	1.25E-01	1.26E-01	1.26E-07
	Rabbitbrush	TOTAL HxCDD	0	5	0	5.05E-02	1.49E-01	1.03E-01	4.49E-02	1.46E-01	1.49E-01	1.49E-07
	Rabbitbrush	TOTAL HxCDF	1	5	20	3.45E-02	3.06E-01	1.10E-01	1.11E-01	2.15E-01	2.15E-01	2.15E-07
	Rabbitbrush	TOTAL PeCDD	0	5	0	4.10E-02	1.03E-01	7.26E-02	2.83E-02	9.96E-02	1.03E-01	1.03E-07
	Rabbitbrush	TOTAL PeCDF	0	5	0	2.70E-02	1.56E-01	6.52E-02	5.14E-02	1.14E-01	1.56E-01	1.56E-07
	Rabbitbrush	TOTAL TCDD	1	5	20	2.25E-02	2.17E-01	7.44E-02	8.05E-02	1.51E-01	1.51E-01	1.51E-07
	Rabbitbrush	TOTAL TCDF	2	5	40	3.55E-02	1.51E+00	5.21E-01	6.89E-01	1.18E+00	1.18E+00	1.18E-06
	Sweetclover	1234678-HpCDD	0	3	0	2.99E-01	6.61E-01	4.37E-01	1.96E-01	7.67E-01	6.61E-01	6.61E-07
	Sweetclover	1234678-HpCDF	0	3	0	1.33E-01	2.80E-01	1.98E-01	7.47E-02	3.24E-01	2.80E-01	2.80E-07
	Sweetclover	123478-HxCDD	0	3	0	2.24E-01	4.18E-01	2.94E-01	1.07E-01	4.75E-01	4.18E-01	4.18E-07
	Sweetclover	123478-HxCDF	0	3	0	1.11E-01	2.05E-01	1.44E-01	5.26E-02	2.33E-01	2.05E-01	2.05E-07
	Sweetclover	1234789-HpCDF	0	3	0	2.17E-01	4.58E-01	3.09E-01	1.30E-01	5.29E-01	4.58E-01	4.58E-07
	Sweetclover	123678-HxCDD	0	3	0	1.88E-01	3.49E-01	2.46E-01	8.95E-02	3.97E-01	3.49E-01	3.49E-07
	Sweetclover	123678-HxCDF	0	3	0	8.85E-02	1.63E-01	1.15E-01	4.19E-02	1.85E-01	1.63E-01	1.63E-07
	Sweetclover	12378-PeCDD	0	3	0	1.50E-01	2.57E-01	1.86E-01	6.12E-02	2.89E-01	2.57E-01	2.57E-07
	Sweetclover	12378-PeCDF	0	3	0	7.80E-02	1.26E-01	9.48E-02	2.70E-02	1.40E-01	1.26E-01	1.26E-07
	Sweetclover	123789-HxCDD	0	3	0	2.03E-01	3.79E-01	2.67E-01	9.72E-02	4.30E-01	3.79E-01	3.79E-07
	Sweetclover	123789-HxCDF	0	3	0	1.19E-01	2.19E-01	1.54E-01	5.62E-02	2.49E-01	2.19E-01	2.19E-07
	Sweetclover	234678-HxCDF	1	3	33	1.37E-01	2.86E-01	2.06E-01	7.48E-02	3.32E-01	2.86E-01	2.86E-07
	Sweetclover	23478-PeCDF	0	3	0	7.55E-02	1.22E-01	9.18E-02	2.62E-02	1.36E-01	1.22E-01	1.22E-07
	Sweetclover	2378-TCDD	0	3	0	7.85E-02	1.24E-01	9.40E-02	2.56E-02	1.37E-01	1.24E-01	1.24E-07
	Sweetclover	2378-TCDF	0	3	0	6.15E-02	2.74E-01	1.44E-01	1.14E-01	3.36E-01	2.74E-01	2.74E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
45 (cont.)	Sweetclover	OCDD	2	3	67	1.10E+00	2.03E+01	8.48E+00	1.03E+01	2.59E+01	2.03E+01	2.03E-05
	Sweetclover	OCDF	1	3	33	4.23E-01	9.31E-01	7.25E-01	2.67E-01	1.17E+00	9.31E-01	9.31E-07
	Sweetclover	TOTAL HpCDD	0	3	0	2.99E-01	6.61E-01	4.37E-01	1.96E-01	7.67E-01	6.61E-01	6.61E-07
	Sweetclover	TOTAL HpCDF	1	3	33	1.65E-01	3.66E-01	2.93E-01	1.11E-01	4.80E-01	3.66E-01	3.66E-07
	Sweetclover	TOTAL HxCDD	0	3	0	2.04E-01	3.80E-01	2.67E-01	9.74E-02	4.32E-01	3.80E-01	3.80E-07
	Sweetclover	TOTAL HxCDF	2	3	67	1.94E-01	5.92E-01	3.57E-01	2.08E-01	7.08E-01	5.92E-01	5.92E-07
	Sweetclover	TOTAL PeCDD	0	3	0	1.50E-01	2.57E-01	1.86E-01	6.12E-02	2.89E-01	2.57E-01	2.57E-07
	Sweetclover	TOTAL PeCDF	0	3	0	7.65E-02	1.24E-01	9.32E-02	2.67E-02	1.38E-01	1.24E-01	1.24E-07
	Sweetclover	TOTAL TCDD	0	3	0	7.85E-02	1.24E-01	9.40E-02	2.56E-02	1.37E-01	1.24E-01	1.24E-07
	Sweetclover	TOTAL TCDF	2	3	67	9.60E-02	5.49E-01	2.98E-01	2.30E-01	6.86E-01	5.49E-01	5.49E-07
RSA	Gumweed	1234678-HpCDD	0	7	0	1.11E-01	1.52E+00	5.57E-01	4.89E-01	9.16E-01	1.52E+00	1.52E-06
	Gumweed	1234678-HpCDF	0	7	0	5.40E-02	7.32E-01	2.61E-01	2.35E-01	4.34E-01	7.32E-01	7.32E-07
	Gumweed	123478-HxCDD	0	7	0	9.05E-02	1.17E+00	4.23E-01	3.81E-01	7.03E-01	1.17E+00	1.17E-06
	Gumweed	123478-HxCDF	0	7	0	4.80E-02	6.30E-01	2.22E-01	2.06E-01	3.74E-01	6.30E-01	6.30E-07
	Gumweed	1234789-HpCDF	0	7	0	8.90E-02	1.20E+00	4.28E-01	3.85E-01	7.11E-01	1.20E+00	1.20E-06
	Gumweed	123678-HxCDD	0	7	0	7.60E-02	9.80E-01	3.54E-01	3.19E-01	5.88E-01	9.80E-01	9.80E-07
	Gumweed	123678-HxCDF	0	7	0	3.80E-02	5.03E-01	1.77E-01	1.65E-01	2.98E-01	5.03E-01	5.03E-07
	Gumweed	12378-PeCDD	0	7	0	5.40E-02	8.15E-01	2.75E-01	2.72E-01	4.75E-01	8.15E-01	8.15E-07
	Gumweed	12378-PeCDF	1	7	14	4.10E-02	4.96E-01	1.75E-01	1.56E-01	2.90E-01	2.90E-01	2.90E-07
	Gumweed	123789-HxCDD	0	7	0	8.20E-02	1.06E+00	3.84E-01	3.45E-01	6.37E-01	1.06E+00	1.06E-06
	Gumweed	123789-HxCDF	0	7	0	5.10E-02	6.75E-01	2.38E-01	2.21E-01	4.00E-01	6.75E-01	6.75E-07
	Gumweed	234678-HxCDF	0	7	0	8.75E-02	6.05E-01	2.40E-01	1.77E-01	3.69E-01	6.05E-01	6.05E-07
	Gumweed	23478-PeCDF	1	7	14	3.95E-02	4.79E-01	1.88E-01	1.51E-01	2.99E-01	2.99E-01	2.99E-07
	Gumweed	2378-TCDD	0	7	0	3.50E-02	4.90E-01	1.68E-01	1.65E-01	2.89E-01	4.90E-01	4.90E-07
	Gumweed	2378-TCDF	2	7	29	9.35E-02	8.52E-01	3.91E-01	3.25E-01	6.30E-01	6.30E-01	6.30E-07
	Gumweed	OCDD	3	7	43	7.44E-01	3.55E+00	1.76E+00	1.00E+00	2.50E+00	2.50E+00	2.50E-06
	Gumweed	OCDF	1	7	14	1.29E-01	1.82E+00	6.99E-01	5.59E-01	1.11E+00	1.11E+00	1.11E-06
	Gumweed	TOTAL HpCDD	2	7	29	1.11E-01	1.52E+00	6.48E-01	4.72E-01	9.95E-01	9.95E-01	9.95E-07
	Gumweed	TOTAL HpCDF	0	7	0	6.75E-02	9.09E-01	3.25E-01	2.92E-01	5.39E-01	9.09E-01	9.09E-07
	Gumweed	TOTAL HxCDD	0	7	0	8.25E-02	1.07E+00	3.85E-01	3.46E-01	6.39E-01	1.07E+00	1.07E-06
	Gumweed	TOTAL HxCDF	2	7	29	8.60E-02	5.96E-01	2.77E-01	1.62E-01	3.96E-01	3.96E-01	3.96E-07
	Gumweed	TOTAL PeCDD	0	7	0	5.40E-02	8.15E-01	2.75E-01	2.72E-01	4.75E-01	8.15E-01	8.15E-07
	Gumweed	TOTAL PeCDF	1	7	14	4.00E-02	7.37E-01	2.61E-01	2.59E-01	4.51E-01	4.51E-01	4.51E-07
	Gumweed	TOTAL TCDD	1	7	14	3.50E-02	4.90E-01	1.84E-01	1.59E-01	3.01E-01	3.01E-01	3.01E-07
	Gumweed	TOTAL TCDF	3	7	43	9.35E-02	1.73E+00	7.47E-01	6.91E-01	1.25E+00	1.25E+00	1.25E-06
	Jackrabbit	1234678-HpCDD	0	15	0	4.25E-02	5.62E-01	2.45E-01	1.62E-01	3.19E-01	5.62E-01	5.62E-07
	Jackrabbit	1234678-HpCDF	1	15	7	4.79E-02	4.05E-01	1.60E-01	1.06E-01	2.08E-01	2.08E-01	2.08E-07
	Jackrabbit	123478-HxCDD	0	15	0	4.30E-02	4.91E-01	2.12E-01	1.30E-01	2.71E-01	4.91E-01	4.91E-07
	Jackrabbit	123478-HxCDF	0	15	0	2.25E-02	3.20E-01	1.32E-01	8.51E-02	1.70E-01	3.20E-01	3.20E-07
	Jackrabbit	1234789-HpCDF	0	15	0	3.70E-02	6.24E-01	2.44E-01	1.66E-01	3.20E-01	6.24E-01	6.24E-07
	Jackrabbit	123678-HxCDD	0	15	0	3.60E-02	4.03E-01	1.74E-01	1.07E-01	2.22E-01	4.03E-01	4.03E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
RSA (cont.)	Jackrabbit	123678-HxCDF	0	15	0	1.80E-02	2.40E-01	9.91E-02	6.39E-02	1.28E-01	2.40E-01	2.40E-07
	Jackrabbit	12378-PeCDD	0	15	0	3.00E-02	4.89E-01	1.81E-01	1.19E-01	2.35E-01	4.89E-01	4.89E-07
	Jackrabbit	12378-PeCDF	0	15	0	1.65E-02	3.01E-01	1.10E-01	7.40E-02	1.44E-01	3.01E-01	3.01E-07
	Jackrabbit	123789-HxCDD	0	15	0	3.90E-02	3.54E-01	1.53E-01	9.31E-02	1.96E-01	3.54E-01	3.54E-07
	Jackrabbit	123789-HxCDF	0	15	0	2.40E-02	3.22E-01	1.33E-01	8.56E-02	1.72E-01	3.22E-01	3.22E-07
	Jackrabbit	234678-HxCDF	0	15	0	2.15E-02	3.02E-01	1.28E-01	7.79E-02	1.63E-01	3.02E-01	3.02E-07
	Jackrabbit	23478-PeCDF	0	15	0	1.60E-02	3.03E-01	1.11E-01	7.45E-02	1.45E-01	3.03E-01	3.03E-07
	Jackrabbit	2378-TCDD	0	15	0	1.90E-02	2.80E-01	1.02E-01	6.97E-02	1.34E-01	2.80E-01	2.80E-07
	Jackrabbit	2378-TCDF	0	15	0	1.60E-02	2.33E-01	9.22E-02	6.54E-02	1.22E-01	2.33E-01	2.33E-07
	Jackrabbit	OCDD	1	15	7	1.04E-01	9.01E-01	4.05E-01	2.27E-01	5.08E-01	5.08E-01	5.08E-07
	Jackrabbit	OCDF	0	15	0	5.15E-02	7.40E-01	3.25E-01	1.95E-01	4.14E-01	7.40E-01	7.40E-07
	Jackrabbit	TOTAL HpCDD	0	15	0	4.25E-02	5.62E-01	2.45E-01	1.62E-01	3.19E-01	5.62E-01	5.62E-07
	Jackrabbit	TOTAL HpCDF	1	15	7	4.79E-02	4.92E-01	1.93E-01	1.29E-01	2.52E-01	2.52E-01	2.52E-07
	Jackrabbit	TOTAL HxCDD	0	15	0	3.90E-02	4.08E-01	1.77E-01	1.08E-01	2.26E-01	4.08E-01	4.08E-07
	Jackrabbit	TOTAL HxCDF	1	15	7	2.15E-02	2.92E-01	1.30E-01	7.68E-02	1.65E-01	1.65E-01	1.65E-07
	Jackrabbit	TOTAL PeCDD	0	15	0	3.00E-02	4.89E-01	1.81E-01	1.19E-01	2.35E-01	4.89E-01	4.89E-07
	Jackrabbit	TOTAL PeCDF	1	15	7	1.60E-02	3.02E-01	1.21E-01	7.61E-02	1.56E-01	1.56E-01	1.56E-07
	Jackrabbit	TOTAL TCDD	0	15	0	1.90E-02	2.80E-01	1.02E-01	6.97E-02	1.34E-01	2.80E-01	2.80E-07
	Jackrabbit	TOTAL TCDF	1	15	7	1.60E-02	7.55E-01	1.27E-01	1.82E-01	2.10E-01	2.10E-01	2.10E-07
	Rabbitbrush	1234678-HpCDD	5	15	33	1.08E-01	2.02E+00	7.23E-01	5.58E-01	9.76E-01	9.76E-01	9.76E-07
	Rabbitbrush	1234678-HpCDF	5	15	33	5.80E-02	1.99E+00	4.28E-01	4.88E-01	6.50E-01	6.50E-01	6.50E-07
	Rabbitbrush	123478-HxCDD	0	15	0	8.30E-02	1.03E+00	2.96E-01	2.61E-01	4.14E-01	1.03E+00	1.03E-06
	Rabbitbrush	123478-HxCDF	1	15	7	4.60E-02	7.26E-01	2.18E-01	2.15E-01	3.15E-01	3.15E-01	3.15E-07
	Rabbitbrush	1234789-HpCDF	0	15	0	8.05E-02	1.30E+00	3.17E-01	3.17E-01	4.61E-01	1.30E+00	1.30E-06
	Rabbitbrush	123678-HxCDD	0	15	0	6.95E-02	8.45E-01	2.44E-01	2.14E-01	3.41E-01	8.45E-01	8.45E-07
	Rabbitbrush	123678-HxCDF	0	15	0	3.70E-02	4.99E-01	1.32E-01	1.24E-01	1.88E-01	4.99E-01	4.99E-07
	Rabbitbrush	12378-PeCDD	0	15	0	5.95E-02	8.01E-01	2.31E-01	2.20E-01	3.32E-01	8.01E-01	8.01E-07
	Rabbitbrush	12378-PeCDF	0	15	0	3.65E-02	5.12E-01	1.43E-01	1.40E-01	2.06E-01	5.12E-01	5.12E-07
	Rabbitbrush	123789-HxCDD	0	15	0	7.50E-02	7.43E-01	2.24E-01	1.88E-01	3.10E-01	7.43E-01	7.43E-07
	Rabbitbrush	123789-HxCDF	0	15	0	4.95E-02	6.68E-01	1.77E-01	1.66E-01	2.52E-01	6.68E-01	6.68E-07
	Rabbitbrush	234678-HxCDF	2	15	13	4.50E-02	6.26E-01	2.18E-01	1.48E-01	2.85E-01	2.85E-01	2.85E-07
	Rabbitbrush	23478-PeCDF	0	15	0	3.50E-02	5.16E-01	1.43E-01	1.42E-01	2.07E-01	5.16E-01	5.16E-07
	Rabbitbrush	2378-TCDD	0	15	0	3.60E-02	3.60E-01	1.20E-01	1.03E-01	1.66E-01	3.60E-01	3.60E-07
	Rabbitbrush	2378-TCDF	3	15	20	3.10E-02	5.45E-01	1.63E-01	1.47E-01	2.30E-01	2.30E-01	2.30E-07
	Rabbitbrush	OCDD	5	15	33	1.52E-01	1.04E+01	2.65E+00	3.22E+00	4.11E+00	4.11E+00	4.11E-06
	Rabbitbrush	OCDF	5	15	33	1.79E-01	2.63E+00	7.97E-01	7.26E-01	1.13E+00	1.13E+00	1.13E-06
	Rabbitbrush	TOTAL HpCDD	5	15	33	1.08E-01	3.96E+00	1.01E+00	1.11E+00	1.51E+00	1.51E+00	1.51E-06
	Rabbitbrush	TOTAL HpCDF	5	15	33	7.20E-02	1.99E+00	4.98E-01	5.21E-01	7.34E-01	7.34E-01	7.34E-07
	Rabbitbrush	TOTAL HxCDD	0	15	0	7.55E-02	8.58E-01	2.86E-01	2.33E-01	3.92E-01	8.58E-01	8.58E-07
	Rabbitbrush	TOTAL HxCDF	4	15	27	4.40E-02	5.04E+00	5.77E-01	1.25E+00	1.14E+00	1.14E+00	1.14E-06
	Rabbitbrush	TOTAL PeCDD	2	15	13	5.95E-02	8.01E-01	2.52E-01	2.11E-01	3.48E-01	3.48E-01	3.48E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
RSA (cont.)	Rabbitbrush	TOTAL PeCDF	4	15	27	4.20E-02	5.14E-01	2.05E-01	1.30E-01	2.65E-01	2.65E-01	2.65E-07
	Rabbitbrush	TOTAL TCDD	5	15	33	4.25E-02	3.60E-01	1.61E-01	9.25E-02	2.03E-01	2.03E-01	2.03E-07
	Rabbitbrush	TOTAL TCDF	5	15	33	3.45E-02	1.72E+00	3.11E-01	4.33E-01	5.07E-01	5.07E-01	5.07E-07
	Sweetclover	1234678-HpCDD	3	15	20	1.09E-01	3.19E+00	5.82E-01	7.75E-01	9.34E-01	9.34E-01	9.34E-07
	Sweetclover	1234678-HpCDF	5	15	33	5.80E-02	1.00E+01	8.78E-01	2.54E+00	2.03E+00	2.03E+00	2.03E-06
	Sweetclover	123478-HxCDD	1	15	7	6.60E-02	5.61E-01	2.25E-01	1.49E-01	2.92E-01	2.92E-01	2.92E-07
	Sweetclover	123478-HxCDF	1	15	7	3.05E-02	1.34E+00	2.04E-01	3.24E-01	3.51E-01	3.51E-01	3.51E-07
	Sweetclover	1234789-HpCDF	0	15	0	7.45E-02	4.35E-01	2.06E-01	1.09E-01	2.56E-01	4.35E-01	4.35E-07
	Sweetclover	123678-HxCDD	2	15	13	5.55E-02	5.99E-01	2.13E-01	1.62E-01	2.87E-01	2.87E-01	2.87E-07
	Sweetclover	123678-HxCDF	2	15	13	2.45E-02	4.45E-01	1.34E-01	1.23E-01	1.89E-01	1.89E-01	1.89E-07
	Sweetclover	12378-PeCDD	0	15	0	3.70E-02	3.52E-01	1.34E-01	8.69E-02	1.73E-01	3.52E-01	3.52E-07
	Sweetclover	12378-PeCDF	0	15	0	1.80E-02	2.41E-01	7.78E-02	5.89E-02	1.05E-01	2.41E-01	2.41E-07
	Sweetclover	123789-HxCDD	2	15	13	6.00E-02	5.70E-01	2.17E-01	1.45E-01	2.82E-01	2.82E-01	2.82E-07
	Sweetclover	123789-HxCDF	1	15	7	3.30E-02	4.78E-01	1.50E-01	1.30E-01	2.09E-01	2.09E-01	2.09E-07
	Sweetclover	234678-HxCDF	9	15	60	5.65E-02	7.76E-01	2.66E-01	1.80E-01	3.48E-01	3.48E-01	3.48E-07
	Sweetclover	23478-PeCDF	1	15	7	1.75E-02	4.68E-01	1.01E-01	1.16E-01	1.54E-01	1.54E-01	1.54E-07
	Sweetclover	2378-TCDD	0	15	0	1.65E-02	2.53E-01	8.04E-02	6.24E-02	1.09E-01	2.53E-01	2.53E-07
	Sweetclover	2378-TCDF	0	15	0	1.35E-02	2.48E-01	1.03E-01	6.63E-02	1.33E-01	2.48E-01	2.48E-07
	Sweetclover	OCDD	1	15	7	5.61E-01	3.21E+01	4.09E+00	7.86E+00	7.66E+00	7.66E+00	7.66E-06
	Sweetclover	OCDF	6	15	40	1.56E-01	1.89E+01	1.86E+00	4.74E+00	4.01E+00	4.01E+00	4.01E-06
	Sweetclover	TOTAL HpCDD	7	15	47	1.28E-01	6.29E+00	9.20E-01	1.53E+00	1.62E+00	1.62E+00	1.62E-06
	Sweetclover	TOTAL HpCDF	6	15	40	7.20E-02	1.05E+01	9.83E-01	2.64E+00	2.18E+00	2.18E+00	2.18E-06
	Sweetclover	TOTAL HxCDD	3	15	20	6.00E-02	1.73E+00	3.50E-01	4.17E-01	5.40E-01	5.40E-01	5.40E-07
	Sweetclover	TOTAL HxCDF	10	15	67	5.55E-02	3.57E+00	5.46E-01	9.23E-01	9.66E-01	9.66E-01	9.66E-07
	Sweetclover	TOTAL PeCDD	0	15	0	3.70E-02	3.52E-01	1.34E-01	8.69E-02	1.73E-01	3.52E-01	3.52E-07
	Sweetclover	TOTAL PeCDF	6	15	40	3.80E-02	4.68E-01	1.58E-01	1.28E-01	2.16E-01	2.16E-01	2.16E-07
	Sweetclover	TOTAL TCDD	5	15	33	4.50E-02	2.53E-01	1.14E-01	5.87E-02	1.40E-01	1.40E-01	1.40E-07
	Sweetclover	TOTAL TCDF	7	15	47	2.10E-02	1.09E+00	2.46E-01	2.80E-01	3.73E-01	3.73E-01	3.73E-07
10[b]	*Jackrabbit*	*1234678-HpCDD*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.49E-07*
	Jackrabbit	*1234678-HpCDF*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*
	Jackrabbit	*123478-HxCDD*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*
	Jackrabbit	*123478-HxCDF*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*
	Jackrabbit	*1234789-HpCDF*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*
	Jackrabbit	*123678-HxCDD*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*
	Jackrabbit	*123678-HxCDF*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*
	Jackrabbit	*12378-PeCDD*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*
	Jackrabbit	*12378-PeCDF*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*
	Jackrabbit	*123789-HxCDD*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*
	Jackrabbit	*123789-HxCDF*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*
	Jackrabbit	*234678-HxCDF*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*
	Jackrabbit	*23478-PeCDF*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
10 (cont.)	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	3.04E-07
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	5.22E-08
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	4.06E-07
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	1.49E-07
	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDD	0	0	0	0	0	0	0	0	0	3.04E-07
	Jackrabbit	TOTAL TCDF	0	0	0	0	0	0	0	0	0	5.22E-08
11	Jackrabbit	1234678-HpCDD	0	0	0	0	0	0	0	0	0	6.97E-07
	Jackrabbit	1234678-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	7.35E-08
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	1.03E-07
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	2.10E-05
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	6.97E-07
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDD	0	0	0	0	0	0	0	0	0	7.35E-08
	Jackrabbit	TOTAL TCDF	0	0	0	0	0	0	0	0	0	1.03E-07
12	Jackrabbit	1234678-HpCDD	0	0	0	0	0	0	0	0	0	2.66E-07
	Jackrabbit	1234678-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
12 (cont.)	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	1.11E-07
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	6.95E-08
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	9.82E-07
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	2.66E-07
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDF	0	0	0	0	0	0	0	0	0	1.11E-07
15	Jackrabbit	1234678-HpCDD	0	0	0	0	0	0	0	0	0	6.95E-08
	Jackrabbit	1234678-HpCDF	0	0	0	0	0	0	0	0	0	7.47E-06
	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	4.03E-07
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	7.53E-08
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	1.29E-04
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	7.47E-06
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
15 (cont.)	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDD	0	0	0	0	0	0	0	0	0	4.03E-07
	Jackrabbit	TOTAL TCDF	0	0	0	0	0	0	0	0	0	7.53E-08
21	Jackrabbit	1234678-HpCDD	0	0	0	0	0	0	0	0	0	3.98E-07
	Jackrabbit	1234678-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	2.25E-07
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	1.42E-07
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	1.01E-05
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	3.98E-07
	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDD	0	0	0	0	0	0	0	0	0	2.25E-07
	Jackrabbit	TOTAL TCDF	0	0	0	0	0	0	0	0	0	1.42E-07
37	Jackrabbit	1234678-HpCDD	0	0	0	0	0	0	0	0	0	2.46E-05
	Jackrabbit	1234678-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
37 (cont.)	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	2.82E-07
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	1.24E-07
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	9.22E-05
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	2.46E-05
	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDF	0	0	0	0	0	0	0	0	0	2.82E-07
	Jackrabbit	TOTAL TCDD	0	0	0	0	0	0	0	0	0	1.24E-07
	Jackrabbit	TOTAL TCDF	0	0	0	0	0	0	0	0	0	2.65E-07
1b	Jackrabbit	1234678-HpCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234678-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	1.34E-07
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	8.03E-08
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	7.67E-06
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	2.65E-07
	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDF	0	0	0	0	0	0	0	0	0	1.34E-07
	Jackrabbit	TOTAL TCDD	0	0	0	0	0	0	0	0	0	8.03E-08
	Jackrabbit	TOTAL TCDF	0	0	0	0	0	0	0	0	0	1.88E-07
1c	Jackrabbit	1234678-HpCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234678-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
1c (cont.)	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	1.43E-07
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	7.22E-08
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	2.10E-06
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	1.88E-07
	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDD	0	0	0	0	0	0	0	0	0	1.43E-07
	Jackrabbit	TOTAL TCDF	0	0	0	0	0	0	0	0	0	7.22E-08
42	Jackrabbit	1234678-HpCDD	0	0	0	0	0	0	0	0	0	3.44E-06
	Jackrabbit	1234678-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	2.03E-07
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	8.75E-08
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	1.76E-05
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	3.44E-06

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
42 (cont.)	*Jackrabbit*	*TOTAL HpCDF*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*
	Jackrabbit	*TOTAL HxCDD*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*
	Jackrabbit	*TOTAL HxCDF*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*
	Jackrabbit	*TOTAL PeCDD*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*
	Jackrabbit	*TOTAL PeCDF*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.82E-05*
	Jackrabbit	*TOTAL TCDD*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*2.03E-07*
	Jackrabbit	*TOTAL TCDF*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*8.75E-08*

[a]Not applicable
[b]Italics indicate that the Cterm value represents modeled or calculated data, or data based on 1/2 the method detection limit

Summary Statistics for Dioxins/Furans in Biota (Invertebrates)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
10/11	Beetle	1234678-HpCDD	1	1	100	3.44E+01	3.44E+01	3.44E+01	NA[b]	NA	3.44E+01	3.44E-05
	Beetle	1234678-HpCDF	1	1	100	1.31E+01	1.31E+01	1.31E+01	NA	NA	1.31E+01	1.31E-05
	Beetle	123478-HxCDD	1	1	100	1.08E+00	1.08E+00	1.08E+00	NA	NA	1.08E+00	1.08E-06
	Beetle	123478-HxCDF	1	1	100	9.00E-01	9.00E-01	9.00E-01	NA	NA	9.00E-01	9.00E-07
	Beetle	1234789-HpCDF	0	1	0	7.98E-01	7.98E-01	7.98E-01	NA	NA	7.98E-01	7.98E-07
	Beetle	123678-HxCDD	1	1	100	1.53E+00	1.53E+00	1.53E+00	NA	NA	1.53E+00	1.53E-06
	Beetle	123678-HxCDF	1	1	100	1.75E+00	1.75E+00	1.75E+00	NA	NA	1.75E+00	1.75E-06
	Beetle	12378-PeCDD	0	1	0	5.13E-01	5.13E-01	5.13E-01	NA	NA	5.13E-01	5.13E-07
	Beetle	12378-PeCDF	0	1	0	3.79E-01	3.79E-01	3.79E-01	NA	NA	3.79E-01	3.79E-07
	Beetle	123789-HxCDD	0	1	0	5.74E-01	5.74E-01	5.74E-01	NA	NA	5.74E-01	5.74E-07
	Beetle	123789-HxCDF	0	1	0	4.29E-01	4.29E-01	4.29E-01	NA	NA	4.29E-01	4.29E-07
	Beetle	234678-HxCDF	1	1	100	3.69E+00	3.69E+00	3.69E+00	NA	NA	3.69E+00	3.69E-06
	Beetle	23478-PeCDF	1	1	100	1.59E+00	1.59E+00	1.59E+00	NA	NA	1.59E+00	1.59E-06
	Beetle	2378-TCDD	0	1	0	3.27E-01	3.27E-01	3.27E-01	NA	NA	3.27E-01	3.27E-07
	Beetle	2378-TCDF	0	1	0	2.82E-01	2.82E-01	2.82E-01	NA	NA	2.82E-01	2.82E-07
	Beetle	OCDD	1	1	100	6.50E+01	6.50E+01	6.50E+01	NA	NA	6.50E+01	6.50E-05
	Beetle	OCDF	1	1	100	6.96E+00	6.96E+00	6.96E+00	NA	NA	6.96E+00	6.96E-06
	Beetle	TOTAL HpCDD	1	1	100	3.44E+01	3.44E+01	3.44E+01	NA	NA	3.44E+01	3.44E-05
	Beetle	TOTAL HpCDF	1	1	100	1.31E+01	1.31E+01	1.31E+01	NA	NA	1.31E+01	1.31E-05
	Beetle	TOTAL HxCDD	1	1	100	4.08E+00	4.08E+00	4.08E+00	NA	NA	4.08E+00	4.08E-06
	Beetle	TOTAL HxCDF	1	1	100	2.63E+01	2.63E+01	2.63E+01	NA	NA	2.63E+01	2.63E-05
	Beetle	TOTAL PeCDD	0	1	0	5.13E-01	5.13E-01	5.13E-01	NA	NA	5.13E-01	5.13E-07
	Beetle	TOTAL PeCDF	1	1	100	7.49E+01	7.49E+01	7.49E+01	NA	NA	7.49E+01	7.49E-05
	Beetle	TOTAL TCDD	0	1	0	3.27E-01	3.27E-01	3.27E-01	NA	NA	3.27E-01	3.27E-07
	Beetle	TOTAL TCDF	1	1	100	2.36E+01	2.36E+01	2.36E+01	NA	NA	2.36E+01	2.36E-05
	Grasshopper	1234678-HpCDD	1	3	33	1.40E-01	8.34E-01	3.99E-01	3.79E-01	1.04E+00	8.34E-01	8.34E-07
	Grasshopper	1234678-HpCDF	0	3	0	5.50E-02	5.23E-01	2.23E-01	2.61E-01	6.62E-01	5.23E-01	5.23E-07
	Grasshopper	123478-HxCDD	0	3	0	9.90E-02	7.57E-01	3.35E-01	3.66E-01	9.52E-01	7.57E-01	7.57E-07
	Grasshopper	123478-HxCDF	0	3	0	7.60E-02	5.52E-01	2.47E-01	2.65E-01	6.94E-01	5.52E-01	5.52E-07
	Grasshopper	1234789-HpCDF	0	3	0	9.05E-02	7.14E-01	3.09E-01	3.51E-01	9.01E-01	7.14E-01	7.14E-07
	Grasshopper	123678-HxCDD	0	3	0	9.65E-02	7.39E-01	3.27E-01	3.57E-01	9.30E-01	7.39E-01	7.39E-07
	Grasshopper	123678-HxCDF	0	3	0	5.70E-02	4.15E-01	1.85E-01	1.99E-01	5.21E-01	4.15E-01	4.15E-07
	Grasshopper	12378-PeCDD	0	3	0	9.70E-02	7.18E-01	3.23E-01	3.43E-01	9.02E-01	7.18E-01	7.18E-07
	Grasshopper	12378-PeCDF	0	3	0	7.25E-02	5.25E-01	2.38E-01	2.50E-01	6.59E-01	5.25E-01	5.25E-07
	Grasshopper	123789-HxCDD	0	3	0	8.75E-02	6.70E-01	2.97E-01	3.24E-01	8.42E-01	6.70E-01	6.70E-07
	Grasshopper	123789-HxCDF	0	3	0	7.25E-02	5.28E-01	2.36E-01	2.54E-01	6.63E-01	5.28E-01	5.28E-07
	Grasshopper	234678-HxCDF	0	3	0	1.06E-01	5.23E-01	2.58E-01	2.30E-01	6.46E-01	5.23E-01	5.23E-07
	Grasshopper	23478-PeCDF	0	3	0	6.60E-02	4.80E-01	2.17E-01	2.28E-01	6.02E-01	4.80E-01	4.80E-07
	Grasshopper	2378-TCDD	0	3	0	8.35E-02	4.82E-01	2.28E-01	2.21E-01	5.99E-01	4.82E-01	4.82E-07
	Grasshopper	2378-TCDF	0	3	0	7.55E-02	4.17E-01	1.99E-01	1.89E-01	5.18E-01	4.17E-01	4.17E-07
	Grasshopper	OCDD	2	3	67	1.57E+00	1.98E+00	1.76E+00	2.05E-01	2.11E+00	1.98E+00	1.98E-06

Summary Statistics for Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
10/11 (cont.)	Grasshopper	OCDF	0	3	0	1.90E-01	1.43E+00	6.08E-01	7.10E-01	1.80E+00	1.43E+00	1.43E-06
	Grasshopper	TOTAL HpCDD	2	3	67	2.24E-01	8.34E-01	4.51E-01	3.33E-01	1.01E+00	8.34E-01	8.34E-07
	Grasshopper	TOTAL HpCDF	0	3	0	5.50E-02	6.04E-01	2.54E-01	3.03E-01	7.66E-01	6.04E-01	6.04E-07
	Grasshopper	TOTAL HxCDD	0	3	0	9.40E-02	7.20E-01	3.19E-01	3.48E-01	9.05E-01	7.20E-01	7.20E-07
	Grasshopper	TOTAL HxCDF	0	3	0	1.01E-01	4.98E-01	2.48E-01	2.18E-01	6.15E-01	4.98E-01	4.98E-07
	Grasshopper	TOTAL PeCDD	0	3	0	9.70E-02	7.18E-01	3.23E-01	3.43E-01	9.02E-01	7.18E-01	7.18E-07
	Grasshopper	TOTAL PeCDF	0	3	0	6.90E-02	5.02E-01	2.27E-01	2.39E-01	6.29E-01	5.02E-01	5.02E-07
	Grasshopper	TOTAL TCDD	0	3	0	8.35E-02	4.82E-01	2.28E-01	2.21E-01	5.99E-01	4.82E-01	4.82E-07
	Grasshopper	TOTAL TCDF	0	3	0	7.55E-02	4.17E-01	1.99E-01	1.89E-01	5.18E-01	4.17E-01	4.17E-07
12/15	Grasshopper	1234678-HpCDD	1	4	25	1.18E+00	3.90E+00	2.42E+00	1.12E+00	3.74E+00	3.74E+00	3.74E-06
	Grasshopper	1234678-HpCDF	0	4	0	3.97E-01	1.25E+00	8.64E-01	3.84E-01	1.32E+00	1.25E+00	1.25E-06
	Grasshopper	123478-HxCDD	0	4	0	7.51E-01	1.83E+00	1.29E+00	4.39E-01	1.81E+00	1.83E+00	1.83E-06
	Grasshopper	123478-HxCDF	0	4	0	4.88E-01	9.74E-01	7.81E-01	2.07E-01	1.02E+00	9.74E-01	9.74E-07
	Grasshopper	1234789-HpCDF	0	4	0	5.42E-01	1.71E+00	1.18E+00	5.24E-01	1.80E+00	1.71E+00	1.71E-06
	Grasshopper	123678-HxCDD	0	4	0	7.34E-01	1.78E+00	1.26E+00	4.28E-01	1.77E+00	1.78E+00	1.78E-06
	Grasshopper	123678-HxCDF	0	4	0	3.67E-01	7.33E-01	5.87E-01	1.56E-01	7.70E-01	7.33E-01	7.33E-07
	Grasshopper	12378-PeCDD	0	3	0	4.39E-01	8.01E-01	6.76E-01	2.06E-01	1.02E+00	8.01E-01	8.01E-07
	Grasshopper	12378-PeCDF	0	3	0	2.88E-01	5.33E-01	4.51E-01	1.41E-01	6.88E-01	5.33E-01	5.33E-07
	Grasshopper	123789-HxCDD	0	4	0	6.64E-01	1.61E+00	1.14E+00	3.88E-01	1.60E+00	1.61E+00	1.61E-06
	Grasshopper	123789-HxCDF	0	4	0	4.67E-01	9.32E-01	7.47E-01	1.98E-01	9.80E-01	9.32E-01	9.32E-07
	Grasshopper	234678-HxCDF	0	4	0	4.62E-01	9.22E-01	7.40E-01	1.96E-01	9.70E-01	9.22E-01	9.22E-07
	Grasshopper	23478-PeCDF	0	4	0	2.63E-01	1.68E+00	7.29E-01	6.43E-01	1.49E+00	1.68E+00	1.68E-06
	Grasshopper	2378-TCDD	0	3	0	2.36E-01	4.45E-01	3.68E-01	1.15E-01	5.61E-01	4.45E-01	4.45E-07
	Grasshopper	2378-TCDF	0	3	0	2.06E-01	3.73E-01	3.15E-01	9.43E-02	4.74E-01	3.73E-01	3.73E-07
	Grasshopper	OCDD	1	4	25	1.58E+00	3.28E+01	1.07E+01	1.49E+01	2.82E+01	2.82E+01	2.82E-05
	Grasshopper	OCDF	0	4	0	1.30E+00	5.10E+00	3.54E+00	1.61E+00	5.43E+00	5.10E+00	5.10E-06
	Grasshopper	TOTAL HpCDD	1	4	25	1.18E+00	3.90E+00	2.42E+00	1.12E+00	3.74E+00	3.74E+00	3.74E-06
	Grasshopper	TOTAL HpCDF	0	4	0	4.58E-01	1.44E+00	9.97E-01	4.43E-01	1.52E+00	1.44E+00	1.44E-06
	Grasshopper	TOTAL HxCDD	0	4	0	7.14E-01	1.74E+00	1.23E+00	4.17E-01	1.72E+00	1.74E+00	1.74E-06
	Grasshopper	TOTAL HxCDF	0	4	0	4.41E-01	8.80E-01	7.05E-01	1.87E-01	9.25E-01	8.80E-01	8.80E-07
	Grasshopper	TOTAL PeCDD	0	3	0	4.39E-01	8.01E-01	6.76E-01	2.06E-01	1.02E+00	8.01E-01	8.01E-07
	Grasshopper	TOTAL PeCDF	0	3	0	2.75E-01	5.09E-01	4.30E-01	1.35E-01	6.57E-01	5.09E-01	5.09E-07
	Grasshopper	TOTAL TCDD	0	3	0	2.36E-01	4.45E-01	3.68E-01	1.15E-01	5.61E-01	4.45E-01	4.45E-07
	Grasshopper	TOTAL TCDF	0	3	0	2.06E-01	3.73E-01	3.15E-01	9.43E-02	4.74E-01	3.73E-01	3.73E-07
1b/1c	Grasshopper	1234678-HpCDD	1	2	50	1.54E-01	2.71E+00	1.43E+00	1.80E+00	9.48E+00	2.71E+00	2.71E-06
	Grasshopper	1234678-HpCDF	0	2	0	8.00E-02	9.10E-02	8.55E-02	7.78E-03	1.20E-01	9.10E-02	9.10E-08
	Grasshopper	123478-HxCDD	0	2	0	9.90E-02	1.45E-01	1.22E-01	3.22E-02	2.65E-01	1.45E-01	1.45E-07
	Grasshopper	123478-HxCDF	1	2	50	8.96E-02	9.70E-02	9.33E-02	5.23E-03	1.17E-01	9.70E-02	9.70E-08
	Grasshopper	1234789-HpCDF	0	2	0	9.55E-02	1.25E-01	1.10E-01	2.05E-02	2.02E-01	1.25E-01	1.25E-07
	Grasshopper	123678-HxCDD	0	2	0	9.65E-02	1.42E-01	1.19E-01	3.18E-02	2.61E-01	1.42E-01	1.42E-07
	Grasshopper	123678-HxCDF	0	2	0	5.75E-02	7.30E-02	6.53E-02	1.10E-02	1.14E-01	7.30E-02	7.30E-08

Summary Statistics for Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
1b/1c (cont.)	Grasshopper	12378-PeCDD	0	2	0	9.90E-02	1.22E-01	1.10E-01	1.59E-02	1.81E-01	1.22E-01	1.22E-07
	Grasshopper	12378-PeCDF	0	2	0	7.50E-02	8.70E-02	8.10E-02	8.49E-03	1.19E-01	8.70E-02	8.70E-08
	Grasshopper	123789-HxCDD	0	2	0	8.75E-02	1.28E-01	1.08E-01	2.86E-02	2.36E-01	1.28E-01	1.28E-07
	Grasshopper	123789-HxCDF	0	2	0	7.35E-02	9.30E-02	8.33E-02	1.38E-02	1.45E-01	9.30E-02	9.30E-08
	Grasshopper	234678-HxCDF	0	2	0	9.20E-02	1.75E-01	1.34E-01	5.87E-02	3.96E-01	1.75E-01	1.75E-07
	Grasshopper	23478-PeCDF	0	2	0	6.85E-02	7.95E-02	7.40E-02	7.78E-03	1.09E-01	7.95E-02	7.95E-08
	Grasshopper	2378-TCDD	0	2	0	8.30E-02	9.50E-02	8.90E-02	8.49E-03	1.27E-01	9.50E-02	9.50E-08
	Grasshopper	2378-TCDF	0	2	0	7.25E-02	8.35E-02	7.80E-02	7.78E-03	1.13E-01	8.35E-02	8.35E-08
	Grasshopper	OCDD	2	2	100	1.65E+00	7.71E+00	4.68E+00	4.29E+00	2.38E+01	7.71E+00	7.71E-06
	Grasshopper	OCDF	1	2	50	2.01E-01	4.05E-01	3.03E-01	1.44E-01	9.48E-01	4.05E-01	4.05E-07
	Grasshopper	TOTAL HpCDD	2	2	100	3.08E-01	3.51E+00	1.91E+00	2.26E+00	1.20E+01	3.51E+00	3.51E-06
	Grasshopper	TOTAL HpCDF	0	2	0	8.10E-02	1.05E-01	9.30E-02	1.70E-02	1.69E-01	1.05E-01	1.05E-07
	Grasshopper	TOTAL HxCDD	0	2	0	9.40E-02	1.38E-01	1.16E-01	3.08E-02	2.53E-01	1.38E-01	1.38E-07
	Grasshopper	TOTAL HxCDF	1	2	50	8.75E-02	8.96E-02	8.86E-02	1.48E-03	9.52E-02	8.96E-02	8.96E-08
	Grasshopper	TOTAL PeCDD	0	2	0	9.90E-02	1.22E-01	1.10E-01	1.59E-02	1.81E-01	1.22E-01	1.22E-07
	Grasshopper	TOTAL PeCDF	0	2	0	7.15E-02	8.30E-02	7.73E-02	8.13E-03	1.14E-01	8.30E-02	8.30E-08
	Grasshopper	TOTAL TCDD	0	2	0	8.30E-02	9.50E-02	8.90E-02	8.49E-03	1.27E-01	9.50E-02	9.50E-08
	Grasshopper	TOTAL TCDF	0	2	0	7.25E-02	8.35E-02	7.80E-02	7.78E-03	1.13E-01	8.35E-02	8.35E-08
21/37	Beetle	1234678-HpCDD	2	2	100	1.69E+01	1.86E+01	1.77E+01	1.25E+00	2.33E+01	1.86E+01	1.86E-05
	Beetle	1234678-HpCDF	0	2	0	4.25E-01	5.00E-01	4.63E-01	5.30E-02	6.99E-01	5.00E-01	5.00E-07
	Beetle	123478-HxCDD	1	2	50	6.16E-01	7.22E-01	6.69E-01	7.54E-02	1.01E+00	7.22E-01	7.22E-07
	Beetle	123478-HxCDF	1	2	50	3.18E-01	4.24E-01	3.71E-01	7.48E-02	7.05E-01	4.24E-01	4.24E-07
	Beetle	1234789-HpCDF	0	2	0	2.02E-01	9.11E-01	5.56E-01	5.02E-01	2.80E+00	9.11E-01	9.11E-07
	Beetle	123678-HxCDD	2	2	100	1.27E+00	1.69E+00	1.48E+00	2.98E-01	2.81E+00	1.69E+00	1.69E-06
	Beetle	123678-HxCDF	0	2	0	4.50E-02	3.19E-01	1.82E-01	1.94E-01	1.05E+00	3.19E-01	3.19E-07
	Beetle	12378-PeCDD	0	2	0	4.10E-01	4.15E-01	4.13E-01	3.54E-03	4.28E-01	4.15E-01	4.15E-07
	Beetle	12378-PeCDF	0	2	0	6.95E-02	2.83E-01	1.76E-01	1.51E-01	8.50E-01	2.83E-01	2.83E-07
	Beetle	123789-HxCDD	1	2	50	4.65E-01	1.50E+00	9.81E-01	7.29E-01	4.24E+00	1.50E+00	1.50E-06
	Beetle	123789-HxCDF	0	2	0	9.55E-02	4.06E-01	2.51E-01	2.20E-01	1.23E+00	4.06E-01	4.06E-07
	Beetle	234678-HxCDF	0	2	0	9.45E-02	3.75E-01	2.35E-01	1.98E-01	1.12E+00	3.75E-01	3.75E-07
	Beetle	23478-PeCDF	1	2	50	2.59E-01	2.81E-01	2.70E-01	1.59E-02	3.41E-01	2.81E-01	2.81E-07
	Beetle	2378-TCDD	1	2	50	2.56E-01	2.97E-01	2.76E-01	2.88E-02	4.05E-01	2.97E-01	2.97E-07
	Beetle	2378-TCDF	0	2	0	5.50E-02	2.23E-01	1.39E-01	1.19E-01	6.69E-01	2.23E-01	2.23E-07
	Beetle	OCDD	1	2	50	1.27E+00	3.03E+00	2.15E+00	1.24E+00	7.70E+00	3.03E+00	3.03E-06
	Beetle	OCDF	0	2	0	2.62E-01	2.48E+00	1.37E+00	1.57E+00	8.39E+00	2.48E+00	2.48E-06
	Beetle	TOTAL HpCDD	2	2	100	2.85E+01	2.95E+01	2.90E+01	6.54E-01	3.19E+01	2.95E+01	2.95E-05
	Beetle	TOTAL HpCDF	0	2	0	5.00E-01	7.00E-01	6.00E-01	1.41E-01	1.23E+00	7.00E-01	7.00E-07
	Beetle	TOTAL HxCDD	2	2	100	7.78E+00	9.04E+00	8.41E+00	8.88E-01	1.24E+01	9.04E+00	9.04E-06
	Beetle	TOTAL HxCDF	2	2	100	1.02E+00	3.37E+00	2.19E+00	1.67E+00	9.63E+00	3.37E+00	3.37E-06
	Beetle	TOTAL PeCDD	1	2	50	4.10E-01	2.30E+00	1.36E+00	1.34E+00	7.34E+00	2.30E+00	2.30E-06
	Beetle	TOTAL PeCDF	1	2	50	2.71E-01	1.38E+00	8.27E-01	7.87E-01	4.34E+00	1.38E+00	1.38E-06

Summary Statistics for Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
21/37 (cont.)	Beetle	TOTAL TCDD	1	2	50	2.56E-01	8.74E-01	5.65E-01	4.37E-01	2.51E+00	8.74E-01	8.74E-07
	Beetle	TOTAL TCDF	1	2	50	2.23E-01	4.75E-01	3.49E-01	1.78E-01	1.14E+00	4.75E-01	4.75E-07
	Grasshopper	1234678-HpCDD	2	4	50	1.62E+00	1.96E+00	1.80E+00	1.79E-01	2.01E+00	1.96E+00	1.96E-06
	Grasshopper	1234678-HpCDF	0	4	0	7.84E-01	1.12E+00	9.03E-01	1.46E-01	1.07E+00	1.12E+00	1.12E-06
	Grasshopper	123478-HxCDD	0	4	0	8.82E-01	1.17E+00	9.93E-01	1.27E-01	1.14E+00	1.17E+00	1.17E-06
	Grasshopper	123478-HxCDF	0	4	0	5.61E-01	7.54E-01	6.47E-01	8.25E-02	7.44E-01	7.54E-01	7.54E-07
	Grasshopper	1234789-HpCDF	0	4	0	1.07E+00	1.52E+00	1.23E+00	2.00E-01	1.47E+00	1.52E+00	1.52E-06
	Grasshopper	123678-HxCDD	0	4	0	8.62E-01	1.14E+00	9.70E-01	1.24E-01	1.12E+00	1.14E+00	1.14E-06
	Grasshopper	123678-HxCDF	0	4	0	4.22E-01	5.67E-01	4.87E-01	6.21E-02	5.60E-01	5.67E-01	5.67E-07
	Grasshopper	12378-PeCDD	0	4	0	5.51E-01	7.58E-01	6.23E-01	9.65E-02	7.36E-01	7.58E-01	7.58E-07
	Grasshopper	12378-PeCDF	0	4	0	3.66E-01	5.13E-01	4.15E-01	6.64E-02	4.93E-01	5.13E-01	5.13E-07
	Grasshopper	123789-HxCDD	0	4	0	7.80E-01	1.03E+00	8.78E-01	1.12E-01	1.01E+00	1.03E+00	1.03E-06
	Grasshopper	123789-HxCDF	0	4	0	5.37E-01	7.21E-01	6.19E-01	7.91E-02	7.12E-01	7.21E-01	7.21E-07
	Grasshopper	234678-HxCDF	0	4	0	5.32E-01	7.14E-01	6.13E-01	7.81E-02	7.04E-01	7.14E-01	7.14E-07
	Grasshopper	23478-PeCDF	0	4	0	3.35E-01	4.68E-01	3.79E-01	6.05E-02	4.50E-01	4.68E-01	4.68E-07
	Grasshopper	2378-TCDD	0	4	0	2.97E-01	4.40E-01	3.42E-01	6.69E-02	4.21E-01	4.40E-01	4.40E-07
	Grasshopper	2378-TCDF	0	4	0	2.60E-01	3.92E-01	3.01E-01	6.19E-02	3.74E-01	3.92E-01	3.92E-07
	Grasshopper	OCDD	0	4	0	2.45E+00	4.99E+00	3.74E+00	1.37E+00	5.35E+00	4.99E+00	4.99E-06
	Grasshopper	OCDF	0	4	0	3.42E+00	4.51E+00	3.91E+00	4.91E-01	4.49E+00	4.51E+00	4.51E-06
	Grasshopper	TOTAL HpCDD	2	4	50	1.62E+00	1.96E+00	1.80E+00	1.79E-01	2.01E+00	1.96E+00	1.96E-06
	Grasshopper	TOTAL HpCDF	0	4	0	9.05E-01	1.29E+00	1.04E+00	1.69E-01	1.24E+00	1.29E+00	1.29E-06
	Grasshopper	TOTAL HxCDD	0	4	0	8.39E-01	1.11E+00	9.44E-01	1.21E-01	1.09E+00	1.11E+00	1.11E-06
	Grasshopper	TOTAL HxCDF	0	4	0	5.07E-01	6.81E-01	5.84E-01	7.46E-02	6.72E-01	6.81E-01	6.81E-07
	Grasshopper	TOTAL PeCDD	0	4	0	5.51E-01	7.58E-01	6.23E-01	9.65E-02	7.36E-01	7.58E-01	7.58E-07
	Grasshopper	TOTAL PeCDF	0	4	0	3.50E-01	4.89E-01	3.96E-01	6.32E-02	4.70E-01	4.89E-01	4.89E-07
	Grasshopper	TOTAL TCDD	0	4	0	2.97E-01	4.40E-01	3.42E-01	6.69E-02	4.21E-01	4.40E-01	4.40E-07
	Grasshopper	TOTAL TCDF	0	4	0	2.60E-01	3.92E-01	3.01E-01	6.19E-02	3.74E-01	3.92E-01	3.92E-07
42/45	Beetle	1234678-HpCDD	1	1	100	7.83E+00	7.83E+00	7.83E+00	NA	NA	7.83E+00	7.83E-06
	Beetle	1234678-HpCDF	0	1	0	1.70E-01	1.70E-01	1.70E-01	NA	NA	1.70E-01	1.70E-07
	Beetle	123478-HxCDD	0	1	0	1.57E-01	1.57E-01	1.57E-01	NA	NA	1.57E-01	1.57E-07
	Beetle	123478-HxCDF	0	1	0	5.50E-02	5.50E-02	5.50E-02	NA	NA	5.50E-02	5.50E-08
	Beetle	1234789-HpCDF	0	1	0	2.32E-01	2.32E-01	2.32E-01	NA	NA	2.32E-01	2.32E-07
	Beetle	123678-HxCDD	1	1	100	1.05E+00	1.05E+00	1.05E+00	NA	NA	1.05E+00	1.05E-06
	Beetle	123678-HxCDF	0	1	0	2.50E-02	2.50E-02	2.50E-02	NA	NA	2.50E-02	2.50E-08
	Beetle	12378-PeCDD	0	1	0	2.40E-01	2.40E-01	2.40E-01	NA	NA	2.40E-01	2.40E-07
	Beetle	12378-PeCDF	0	1	0	8.35E-02	8.35E-02	8.35E-02	NA	NA	8.35E-02	8.35E-08
	Beetle	123789-HxCDD	0	1	0	1.39E-01	1.39E-01	1.39E-01	NA	NA	1.39E-01	1.39E-07
	Beetle	123789-HxCDF	0	1	0	1.05E-01	1.05E-01	1.05E-01	NA	NA	1.05E-01	1.05E-07
	Beetle	234678-HxCDF	0	1	0	1.85E-01	1.85E-01	1.85E-01	NA	NA	1.85E-01	1.85E-07
	Beetle	23478-PeCDF	0	1	0	1.35E-01	1.35E-01	1.35E-01	NA	NA	1.35E-01	1.35E-07
	Beetle	2378-TCDD	0	1	0	1.45E-01	1.45E-01	1.45E-01	NA	NA	1.45E-01	1.45E-07

Summary Statistics for Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
42/45 (cont.)	Beetle	2378-TCDF	0	1	0	6.60E-02	6.60E-02	6.60E-02	NA	NA	6.60E-02	6.60E-08
	Beetle	OCDD	0	1	0	5.34E-01	5.34E-01	5.34E-01	NA	NA	5.34E-01	5.34E-07
	Beetle	OCDF	0	1	0	6.50E-01	6.50E-01	6.50E-01	NA	NA	6.50E-01	6.50E-07
	Beetle	TOTAL HpCDD	0	1	0	2.58E-01	2.58E-01	2.58E-01	NA	NA	2.58E-01	2.58E-07
	Beetle	TOTAL HpCDF	0	1	0	1.96E-01	1.96E-01	1.96E-01	NA	NA	1.96E-01	1.96E-07
	Beetle	TOTAL HxCDD	0	1	0	1.50E-01	1.50E-01	1.50E-01	NA	NA	1.50E-01	1.50E-07
	Beetle	TOTAL HxCDF	0	1	0	9.85E-02	9.85E-02	9.85E-02	NA	NA	9.85E-02	9.85E-08
	Beetle	TOTAL PeCDD	1	1	100	2.93E-01	2.93E-01	2.93E-01	NA	NA	2.93E-01	2.93E-07
	Beetle	TOTAL PeCDF	0	1	0	8.50E-01	8.50E-01	8.50E-01	NA	NA	8.50E-01	8.50E-07
	Beetle	TOTAL TCDD	0	1	0	2.60E-01	2.60E-01	2.60E-01	NA	NA	2.60E-01	2.60E-07
	Beetle	TOTAL TCDF	0	1	0	2.40E-01	2.40E-01	2.40E-01	NA	NA	2.40E-01	2.40E-07
	Grasshopper	1234678-HpCDD	0	3	0	2.10E-01	2.60E-01	2.30E-01	2.65E-02	2.75E-01	2.60E-01	2.60E-07
	Grasshopper	1234678-HpCDF	0	3	0	9.55E-02	1.14E-01	1.07E-01	9.64E-03	1.23E-01	1.14E-01	1.14E-07
	Grasshopper	123478-HxCDD	0	3	0	8.80E-02	1.29E-01	1.06E-01	2.07E-02	1.41E-01	1.29E-01	1.29E-07
	Grasshopper	123478-HxCDF	0	3	0	6.35E-02	9.30E-02	7.72E-02	1.49E-02	1.02E-01	9.30E-02	9.30E-08
	Grasshopper	1234789-HpCDF	0	3	0	1.30E-01	1.55E-01	1.45E-01	1.31E-02	1.67E-01	1.55E-01	1.55E-07
	Grasshopper	123678-HxCDD	0	3	0	8.60E-02	1.26E-01	1.03E-01	2.05E-02	1.38E-01	1.26E-01	1.26E-07
	Grasshopper	123678-HxCDF	0	3	0	4.75E-02	7.00E-02	5.80E-02	1.13E-02	7.71E-02	7.00E-02	7.00E-08
	Grasshopper	12378-PeCDD	0	3	0	8.70E-02	1.31E-01	1.05E-01	2.29E-02	1.44E-01	1.31E-01	1.31E-07
	Grasshopper	12378-PeCDF	0	3	0	5.50E-02	8.50E-02	6.90E-02	1.51E-02	9.45E-02	8.50E-02	8.50E-08
	Grasshopper	123789-HxCDD	0	3	0	7.75E-02	1.14E-01	9.35E-02	1.87E-02	1.25E-01	1.14E-01	1.14E-07
	Grasshopper	123789-HxCDF	0	3	0	6.05E-02	8.90E-02	7.38E-02	1.43E-02	9.80E-02	8.90E-02	8.90E-08
	Grasshopper	234678-HxCDF	0	3	0	7.10E-02	1.35E-01	9.80E-02	3.32E-02	1.54E-01	1.35E-01	1.35E-07
	Grasshopper	23478-PeCDF	0	3	0	5.00E-02	7.80E-02	6.30E-02	1.41E-02	8.68E-02	7.80E-02	7.80E-08
	Grasshopper	2378-TCDD	0	3	0	5.20E-02	8.00E-02	6.48E-02	1.41E-02	8.87E-02	8.00E-02	8.00E-08
	Grasshopper	2378-TCDF	0	3	0	4.60E-02	7.00E-02	5.68E-02	1.22E-02	7.73E-02	7.00E-02	7.00E-08
	Grasshopper	OCDD	0	3	0	4.08E-01	1.10E+00	8.36E-01	3.74E-01	1.47E+00	1.10E+00	1.10E-06
	Grasshopper	OCDF	0	3	0	2.11E-01	3.35E-01	2.87E-01	6.70E-02	4.00E-01	3.35E-01	3.35E-07
	Grasshopper	TOTAL HpCDD	1	3	33	1.80E-01	7.14E-01	3.69E-01	2.99E-01	8.73E-01	7.14E-01	7.14E-07
	Grasshopper	TOTAL HpCDF	0	3	0	1.10E-01	1.31E-01	1.23E-01	1.13E-02	1.42E-01	1.31E-01	1.31E-07
	Grasshopper	TOTAL HxCDD	1	3	33	7.50E-02	1.23E-01	1.04E-01	2.53E-02	1.46E-01	1.23E-01	1.23E-07
	Grasshopper	TOTAL HxCDF	2	3	67	1.35E-01	2.97E-01	2.43E-01	9.33E-02	4.00E-01	2.97E-01	2.97E-07
	Grasshopper	TOTAL PeCDD	0	3	0	8.70E-02	1.31E-01	1.05E-01	2.29E-02	1.44E-01	1.31E-01	1.31E-07
	Grasshopper	TOTAL PeCDF	0	3	0	4.00E-02	8.15E-02	6.18E-02	2.08E-02	9.70E-02	8.15E-02	8.15E-08
	Grasshopper	TOTAL TCDD	0	3	0	3.50E-02	8.00E-02	5.92E-02	2.27E-02	9.74E-02	8.00E-02	8.00E-08
	Grasshopper	TOTAL TCDF	0	3	0	4.60E-02	7.00E-02	5.68E-02	1.22E-02	7.73E-02	7.00E-02	7.00E-08
RSA	Beetle	1234678-HpCDD	0	2	0	2.45E-01	3.05E-01	2.75E-01	4.24E-02	4.64E-01	3.05E-01	3.05E-07
	Beetle	1234678-HpCDF	0	2	0	1.73E-01	1.97E-01	1.85E-01	1.70E-02	2.61E-01	1.97E-01	1.97E-07
	Beetle	123478-HxCDD	0	2	0	2.08E-01	2.65E-01	2.37E-01	4.03E-02	4.16E-01	2.65E-01	2.65E-07
	Beetle	123478-HxCDF	0	2	0	1.56E-01	1.64E-01	1.60E-01	6.01E-03	1.87E-01	1.64E-01	1.64E-07
	Beetle	1234789-HpCDF	0	2	0	2.36E-01	2.69E-01	2.53E-01	2.33E-02	3.57E-01	2.69E-01	2.69E-07

Summary Statistics for Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
RSA (cont.)	Beetle	123678-HxCDD	0	2	0	2.03E-01	2.59E-01	2.31E-01	3.96E-02	4.08E-01	2.59E-01	2.59E-07
	Beetle	123678-HxCDF	0	2	0	1.17E-01	1.24E-01	1.20E-01	4.60E-03	1.41E-01	1.24E-01	1.24E-07
	Beetle	12378-PeCDD	0	2	0	1.90E-01	4.86E-01	3.38E-01	2.09E-01	1.27E+00	4.86E-01	4.86E-07
	Beetle	12378-PeCDF	0	2	0	1.33E-01	3.23E-01	2.28E-01	1.34E-01	8.28E-01	3.23E-01	3.23E-07
	Beetle	123789-HxCDD	0	2	0	1.84E-01	2.35E-01	2.09E-01	3.57E-02	3.69E-01	2.35E-01	2.35E-07
	Beetle	123789-HxCDF	0	2	0	1.49E-01	1.57E-01	1.53E-01	6.01E-03	1.80E-01	1.57E-01	1.57E-07
	Beetle	234678-HxCDF	0	2	0	2.50E-02	8.00E-02	5.25E-02	3.89E-02	2.26E-01	8.00E-02	8.00E-08
	Beetle	23478-PeCDF	0	2	0	1.22E-01	2.95E-01	2.08E-01	1.23E-01	7.56E-01	2.95E-01	2.95E-07
	Beetle	2378-TCDD	0	2	0	1.33E-01	4.26E-01	2.79E-01	2.07E-01	1.20E+00	4.26E-01	4.26E-07
	Beetle	2378-TCDF	0	2	0	1.16E-01	3.30E-01	2.23E-01	1.51E-01	8.98E-01	3.30E-01	3.30E-07
	Beetle	OCDD	0	2	0	5.27E-01	9.16E-01	7.21E-01	2.75E-01	1.95E+00	9.16E-01	9.16E-07
	Beetle	OCDF	0	2	0	4.33E-01	7.52E-01	5.92E-01	2.26E-01	1.60E+00	7.52E-01	7.52E-07
	Beetle	TOTAL HpCDD	0	2	0	2.45E-01	3.05E-01	2.75E-01	4.24E-02	4.64E-01	3.05E-01	3.05E-07
	Beetle	TOTAL HpCDF	0	2	0	2.00E-01	2.28E-01	2.14E-01	1.98E-02	3.02E-01	2.28E-01	2.28E-07
	Beetle	TOTAL HxCDD	0	2	0	1.98E-01	2.52E-01	2.25E-01	3.82E-02	3.95E-01	2.52E-01	2.52E-07
	Beetle	TOTAL HxCDF	0	2	0	2.50E-02	8.00E-02	5.25E-02	3.89E-02	2.26E-01	8.00E-02	8.00E-08
	Beetle	TOTAL PeCDD	0	2	0	1.90E-01	4.86E-01	3.38E-01	2.09E-01	1.27E+00	4.86E-01	4.86E-07
	Beetle	TOTAL PeCDF	0	2	0	1.27E-01	3.09E-01	2.18E-01	1.28E-01	7.91E-01	3.09E-01	3.09E-07
	Beetle	TOTAL TCDD	3	3	100	1.07E+00	5.00E+01	1.75E+01	2.82E+01	6.50E+01	5.00E+01	5.00E-05
	Beetle	TOTAL TCDF	0	2	0	1.16E-01	3.30E-01	2.23E-01	1.51E-01	8.98E-01	3.30E-01	3.30E-07
	Grasshopper	1234678-HpCDD	0	10	0	1.47E-01	7.69E-01	3.31E-01	2.11E-01	4.53E-01	7.69E-01	7.69E-07
	Grasshopper	1234678-HpCDF	0	10	0	5.85E-02	4.23E-01	1.57E-01	1.30E-01	2.33E-01	4.23E-01	4.23E-07
	Grasshopper	123478-HxCDD	0	10	0	6.70E-02	6.12E-01	2.07E-01	1.87E-01	3.15E-01	6.12E-01	6.12E-07
	Grasshopper	123478-HxCDF	0	10	0	5.10E-02	3.49E-01	1.37E-01	1.07E-01	1.99E-01	3.49E-01	3.49E-07
	Grasshopper	1234789-HpCDF	0	10	0	5.00E-02	5.77E-01	2.11E-01	1.81E-01	3.16E-01	5.77E-01	5.77E-07
	Grasshopper	123678-HxCDD	0	10	0	6.55E-02	5.98E-01	2.02E-01	1.82E-01	3.08E-01	5.98E-01	5.98E-07
	Grasshopper	123678-HxCDF	0	10	0	3.85E-02	2.63E-01	1.03E-01	8.05E-02	1.49E-01	2.63E-01	2.63E-07
	Grasshopper	12378-PeCDD	0	10	0	8.75E-02	8.72E-01	2.88E-01	2.82E-01	4.52E-01	8.72E-01	8.72E-07
	Grasshopper	12378-PeCDF	0	10	0	5.45E-02	4.61E-01	1.73E-01	1.54E-01	2.62E-01	4.61E-01	4.61E-07
	Grasshopper	123789-HxCDD	0	10	0	5.95E-02	5.42E-01	1.83E-01	1.65E-01	2.79E-01	5.42E-01	5.42E-07
	Grasshopper	123789-HxCDF	0	10	0	4.90E-02	3.34E-01	1.31E-01	1.02E-01	1.90E-01	3.34E-01	3.34E-07
	Grasshopper	234678-HxCDF	0	10	0	4.85E-02	3.31E-01	1.35E-01	1.01E-01	1.94E-01	3.31E-01	3.31E-07
	Grasshopper	23478-PeCDF	0	10	0	4.95E-02	4.21E-01	1.58E-01	1.41E-01	2.39E-01	4.21E-01	4.21E-07
	Grasshopper	2378-TCDD	0	10	0	6.30E-02	5.13E-01	1.77E-01	1.57E-01	2.68E-01	5.13E-01	5.13E-07
	Grasshopper	2378-TCDF	0	10	0	5.25E-02	4.07E-01	1.44E-01	1.21E-01	2.14E-01	4.07E-01	4.07E-07
	Grasshopper	OCDD	0	10	0	2.85E-01	1.85E+00	6.67E-01	5.46E-01	9.83E-01	1.85E+00	1.85E-06
	Grasshopper	OCDF	0	10	0	1.57E-01	1.52E+00	5.28E-01	4.62E-01	7.96E-01	1.52E+00	1.52E-06
	Grasshopper	TOTAL HpCDD	0	10	0	1.47E-01	7.69E-01	3.28E-01	2.13E-01	4.51E-01	7.69E-01	7.69E-07
	Grasshopper	TOTAL HpCDF	0	10	0	5.00E-02	4.88E-01	1.79E-01	1.53E-01	2.67E-01	4.88E-01	4.88E-07
	Grasshopper	TOTAL HxCDD	0	10	0	6.40E-02	5.82E-01	1.97E-01	1.77E-01	3.00E-01	5.82E-01	5.82E-07
	Grasshopper	TOTAL HxCDF	7	10	70	3.00E-03	3.55E-01	2.65E-01	9.78E-02	3.22E-01	3.22E-01	3.22E-07

Summary Statistics for Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm-ng/kg	Cterm-mg/kg
RSA (cont.)	Grasshopper	TOTAL PeCDD	0	10	0	8.75E-02	8.72E-01	2.88E-01	2.82E-01	4.52E-01	8.72E-01	8.72E-07
	Grasshopper	TOTAL PeCDF	0	10	0	5.20E-02	4.40E-01	1.65E-01	1.47E-01	2.50E-01	4.40E-01	4.40E-07
	Grasshopper	TOTAL TCDD	1	10	10	6.30E-02	8.61E-01	2.29E-01	2.58E-01	3.78E-01	3.78E-01	3.78E-07
	Grasshopper	TOTAL TCDF	0	10	0	5.25E-02	4.07E-01	1.44E-01	1.21E-01	2.14E-01	4.07E-01	4.07E-07

*Not applicable.

Final Hazard Quotients - Dioxins/Furans in Biota

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10	Gumweed	1234678-HpCDD	7.31E-03	1.29E-05	3.40E-07	6.78E-07	6.78E-07	7.82E-03	1.23E-05	1.33E-04	9.06E-06	ND[6]	ND
	Gumweed	1234678-HpCDF	3.75E-03	6.59E-06	1.74E-07	3.48E-07	3.48E-07	4.01E-03	6.28E-06	6.83E-05	4.65E-06	ND	ND
	Gumweed	123478-HxCDD	5.93E-02	1.04E-04	2.76E-06	5.50E-06	5.50E-06	6.35E-02	9.94E-05	1.08E-03	7.35E-05	ND	ND
	Gumweed	123478-HxCDF	3.23E-04	5.68E-07	1.50E-08	3.00E-08	3.00E-08	3.46E-04	5.42E-07	5.89E-06	4.01E-07	ND	ND
	Gumweed	1234789-HpCDF	6.14E-04	1.08E-06	2.86E-08	5.70E-08	5.70E-08	6.57E-04	1.03E-06	1.12E-05	7.62E-07	ND	ND
	Gumweed	123678-HxCDD	4.96E-02	8.72E-05	2.31E-06	4.60E-06	4.60E-06	5.31E-02	8.31E-05	9.04E-04	6.15E-05	ND	ND
	Gumweed	123678-HxCDF	2.58E-04	4.54E-07	1.20E-08	2.39E-08	2.39E-08	2.76E-04	4.32E-07	4.70E-06	3.20E-07	ND	ND
	Gumweed	12378-PeCDD	1.88E-01	3.31E-04	8.76E-06	1.76E-05	1.76E-05	2.02E-01	3.17E-04	3.44E-03	2.34E-04	ND	ND
	Gumweed	12378-PeCDF	1.02E-02	1.79E-05	4.73E-07	9.50E-07	9.50E-07	1.09E-02	1.71E-05	1.86E-04	1.27E-05	ND	ND
	Gumweed	123789-HxCDD	5.37E-04	9.46E-07	2.50E-08	4.99E-08	4.99E-08	5.75E-04	9.01E-07	9.80E-06	6.67E-07	ND	ND
	Gumweed	123789-HxCDF	3.46E-04	6.09E-07	1.61E-08	3.21E-08	3.21E-08	3.70E-04	5.80E-07	6.31E-06	4.29E-07	ND	ND
	Gumweed	234678-HxCDF	3.10E-02	5.46E-05	1.45E-06	2.88E-06	2.88E-06	3.32E-02	5.21E-05	5.66E-04	3.85E-05	ND	ND
	Gumweed	23478-PeCDF	9.83E-02	1.73E-04	4.57E-06	9.18E-06	9.18E-06	1.05E-01	1.65E-04	1.80E-03	1.22E-04	ND	ND
	Gumweed	2378-TCDD	2.35E-01	4.13E-04	1.09E-05	2.18E-05	2.18E-05	2.51E-01	3.94E-04	4.28E-03	2.91E-04	ND	ND
	Gumweed	2378-TCDF	2.09E-02	3.68E-05	9.74E-07	1.94E-06	1.94E-06	2.98E-02	3.51E-05	3.82E-04	2.60E-05	ND	ND
	Gumweed	OCDD	2.85E-03	5.01E-06	1.33E-07	2.64E-07	2.64E-07	3.05E-03	4.78E-06	5.19E-05	3.53E-06	ND	ND
	Gumweed	OCDF	8.41E-04	1.48E-06	3.91E-08	7.80E-08	7.80E-08	9.00E-04	1.41E-06	1.53E-05	1.04E-06	ND	ND
	Gumweed	TOTAL HpCDD	7.31E-03	1.29E-05	3.40E-07	6.78E-07	6.78E-07	7.82E-01	1.23E-03	1.33E-02	9.06E-04	ND	ND
	Gumweed	TOTAL HpCDF	4.65E-03	8.19E-06	2.17E-07	4.32E-07	4.32E-07	4.98E-01	7.81E-04	8.49E-03	5.77E-04	ND	ND
	Gumweed	TOTAL HxCDD	5.39E-02	9.48E-05	2.51E-06	5.00E-06	5.00E-06	5.77E-01	9.04E-04	9.83E-03	6.68E-04	ND	ND
	Gumweed	TOTAL HxCDF	3.06E-02	5.38E-05	1.42E-06	2.84E-06	2.84E-06	3.27E-01	5.13E-04	5.58E-03	3.79E-04	ND	ND
	Gumweed	TOTAL PeCDD	1.88E-01	3.31E-04	8.76E-06	1.76E-05	1.76E-05	4.04E-01	6.34E-04	6.89E-03	4.69E-04	ND	ND
	Gumweed	TOTAL PeCDF	9.98E-02	1.76E-04	4.65E-06	9.33E-06	9.33E-06	2.14E-01	3.36E-04	3.65E-03	2.49E-04	ND	ND
	Gumweed	TOTAL TCDD	2.35E-01	4.13E-04	1.09E-05	2.18E-05	2.18E-05	2.51E-01	3.94E-04	4.28E-03	2.91E-04	ND	ND
	Gumweed	TOTAL TCDF	2.09E-02	3.68E-05	9.74E-07	1.94E-06	1.94E-06	2.24E-02	3.51E-05	3.82E-04	2.60E-05	ND	ND
	Rabbitbrush	1234678-HpCDD	9.41E-03	1.65E-05	4.38E-07	8.73E-07	8.73E-07	1.01E-02	1.58E-05	1.72E-04	1.17E-05	ND	ND
	Rabbitbrush	1234678-HpCDF	4.05E-03	7.13E-06	1.89E-07	3.76E-07	3.76E-07	4.34E-03	6.80E-06	7.39E-05	5.03E-06	ND	ND
	Rabbitbrush	123478-HxCDD	2.24E-02	3.94E-05	1.04E-06	2.08E-06	2.08E-06	2.40E-02	3.75E-05	4.08E-04	2.78E-05	ND	ND
	Rabbitbrush	123478-HxCDF	1.05E-04	1.85E-07	4.91E-09	9.78E-09	9.78E-09	1.13E-04	1.77E-07	1.92E-06	1.31E-07	ND	ND
	Rabbitbrush	1234789-HpCDF	2.21E-04	3.89E-07	1.03E-08	2.05E-08	2.05E-08	2.37E-04	3.71E-07	4.03E-06	2.74E-07	ND	ND
	Rabbitbrush	123678-HxCDD	1.87E-02	3.30E-05	8.72E-07	1.74E-06	1.74E-06	2.01E-02	3.14E-05	3.42E-04	2.32E-05	ND	ND
	Rabbitbrush	123678-HxCDF	8.40E-05	1.48E-07	3.91E-09	7.80E-09	7.80E-09	8.99E-05	1.41E-07	1.53E-06	1.04E-07	ND	ND
	Rabbitbrush	12378-PeCDD	1.13E-01	1.98E-04	5.24E-06	1.05E-05	1.05E-05	1.21E-01	1.89E-04	2.06E-03	1.40E-04	ND	ND
	Rabbitbrush	12378-PeCDF	5.20E-03	9.15E-06	2.42E-07	4.86E-07	4.86E-07	5.58E-03	8.75E-06	9.51E-05	6.47E-06	ND	ND
	Rabbitbrush	123789-HxCDD	2.03E-04	3.57E-07	9.45E-09	1.88E-08	1.88E-08	2.17E-04	3.40E-07	3.70E-06	2.52E-07	ND	ND
	Rabbitbrush	123789-HxCDF	1.13E-04	1.98E-07	5.25E-09	1.05E-08	1.05E-08	1.21E-04	1.89E-07	2.06E-06	1.40E-07	ND	ND
	Rabbitbrush	234678-HxCDF	1.01E-02	1.77E-05	4.69E-07	9.35E-07	9.35E-07	1.08E-02	1.69E-05	1.84E-04	1.25E-05	ND	ND
	Rabbitbrush	23478-PeCDF	5.02E-02	8.83E-05	2.33E-06	4.69E-06	4.69E-06	5.38E-02	8.44E-05	9.18E-04	6.24E-05	ND	ND
	Rabbitbrush	2378-TCDD	1.02E-01	1.79E-04	4.74E-06	9.44E-06	9.44E-06	1.09E-01	1.71E-04	1.86E-03	1.26E-04	ND	ND
	Rabbitbrush	2378-TCDF	7.27E-02	1.28E-04	3.38E-06	6.74E-06	6.74E-06	1.04E-01	1.22E-04	1.32E-03	9.01E-05	ND	ND
	Rabbitbrush	OCDD	6.07E-03	1.07E-05	2.83E-07	5.64E-07	5.64E-07	6.50E-03	1.02E-05	1.11E-04	7.53E-06	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10 (cont.)	Rabbitbrush	OCDF	1.01E-03	1.78E-06	4.72E-08	9.41E-08	9.41E-08	1.09E-03	1.70E-06	1.85E-05	1.26E-06	ND	ND
	Rabbitbrush	TOTAL HpCDD	1.79E-02	3.15E-05	8.33E-07	1.66E-06	1.66E-06	1.92E+00	3.00E-03	3.27E-02	2.22E-03	ND	ND
	Rabbitbrush	TOTAL HpCDF	4.05E-03	7.13E-06	1.89E-07	3.76E-07	3.76E-07	4.34E-01	6.80E-04	7.39E-03	5.03E-04	ND	ND
	Rabbitbrush	TOTAL HxCDD	2.04E-02	3.58E-05	9.47E-07	1.89E-06	1.89E-06	2.18E-01	3.41E-04	3.71E-03	2.52E-04	ND	ND
	Rabbitbrush	TOTAL HxCDF	1.81E-02	3.18E-05	8.42E-07	1.68E-06	1.68E-06	1.94E-01	3.03E-04	3.30E-03	2.24E-04	ND	ND
	Rabbitbrush	TOTAL PeCDD	1.13E-01	1.98E-04	5.24E-06	1.05E-05	1.05E-05	2.42E-01	3.79E-04	4.12E-03	2.80E-04	ND	ND
	Rabbitbrush	TOTAL PeCDF	5.09E-02	8.96E-05	2.37E-06	4.76E-06	4.76E-06	1.09E-01	1.72E-04	1.86E-03	1.27E-04	ND	ND
	Rabbitbrush	TOTAL TCDD	1.02E-01	1.79E-04	4.74E-06	9.44E-06	9.44E-06	1.09E-01	1.71E-04	1.86E-03	1.26E-04	ND	ND
	Rabbitbrush	TOTAL TCDF	1.20E-01	2.10E-04	5.57E-06	1.11E-05	1.11E-05	1.28E-01	2.01E-04	2.18E-03	1.48E-04	ND	ND
11	Gumweed	1234678-HpCDD	9.05E-03	2.39E-05	6.32E-07	1.26E-06	1.26E-06	9.69E-03	2.28E-05	2.48E-04	1.68E-05	ND	ND
	Gumweed	1234678-HpCDF	4.46E-03	1.18E-05	3.11E-07	6.20E-07	6.20E-07	4.77E-03	1.12E-05	1.22E-04	8.29E-06	ND	ND
	Gumweed	123478-HxCDD	7.36E-02	1.94E-04	5.14E-06	1.02E-05	1.02E-05	7.88E-02	1.85E-04	2.01E-03	1.37E-04	ND	ND
	Gumweed	123478-HxCDF	3.96E-04	1.05E-06	2.77E-08	5.51E-08	5.51E-08	4.24E-04	9.96E-07	1.08E-05	7.37E-07	ND	ND
	Gumweed	1234789-HpCDF	7.30E-04	1.93E-06	5.10E-08	1.02E-07	1.02E-07	7.81E-04	1.84E-06	2.00E-05	1.36E-06	ND	ND
	Gumweed	123678-HxCDD	6.16E-02	1.63E-04	4.30E-06	8.57E-06	8.57E-06	6.59E-02	1.55E-04	1.68E-03	1.15E-04	ND	ND
	Gumweed	123678-HxCDF	3.16E-04	8.33E-07	2.20E-08	4.39E-08	4.39E-08	3.38E-04	7.94E-07	8.63E-06	5.87E-07	ND	ND
	Gumweed	12378-PeCDD	2.25E-01	5.95E-04	1.57E-05	3.16E-05	3.16E-05	2.42E-01	5.69E-04	6.19E-03	4.21E-04	ND	ND
	Gumweed	12378-PeCDF	1.26E-02	3.31E-05	8.76E-07	1.76E-06	1.76E-06	1.35E-02	3.17E-05	3.45E-04	2.34E-05	ND	ND
	Gumweed	123789-HxCDD	6.67E-04	1.76E-06	4.66E-08	9.29E-08	9.29E-08	7.14E-04	1.68E-06	1.83E-05	1.24E-06	ND	ND
	Gumweed	123789-HxCDF	4.24E-04	1.12E-06	2.96E-08	5.91E-08	5.91E-08	4.54E-04	1.07E-06	1.16E-05	7.89E-07	ND	ND
	Gumweed	234678-HxCDF	3.80E-02	1.00E-04	2.66E-06	5.30E-06	5.30E-06	4.07E-02	9.57E-05	1.04E-03	7.08E-05	ND	ND
	Gumweed	23478-PeCDF	1.21E-01	3.20E-04	8.46E-06	1.70E-05	1.70E-05	1.30E-01	3.06E-04	3.33E-03	2.26E-04	ND	ND
	Gumweed	2378-TCDD	3.08E-01	8.14E-04	2.15E-05	4.29E-05	4.29E-05	3.30E-01	7.76E-04	8.43E-03	5.74E-04	ND	ND
	Gumweed	2378-TCDF	2.33E-02	6.14E-05	1.62E-06	3.24E-06	3.24E-06	3.32E-02	5.85E-05	6.37E-04	4.33E-05	ND	ND
	Gumweed	OCDD	3.18E-03	8.38E-06	2.22E-07	4.42E-07	4.42E-07	3.40E-03	7.99E-06	8.69E-05	5.91E-06	ND	ND
	Gumweed	OCDF	1.09E-03	2.88E-06	7.61E-08	1.52E-07	1.52E-07	1.17E-03	2.74E-06	2.98E-05	2.03E-06	ND	ND
	Gumweed	TOTAL HpCDD	9.05E-03	2.39E-05	6.32E-07	1.26E-06	1.26E-06	9.69E-01	2.28E-03	2.48E-02	1.68E-03	ND	ND
	Gumweed	TOTAL HpCDF	5.54E-03	1.46E-05	3.87E-07	7.71E-07	7.71E-07	5.93E-01	1.39E-03	1.51E-02	1.03E-03	ND	ND
	Gumweed	TOTAL HxCDD	6.69E-02	1.77E-04	4.67E-06	9.32E-06	9.32E-06	7.17E-01	1.68E-03	1.83E-02	1.25E-03	ND	ND
	Gumweed	TOTAL HxCDF	3.75E-02	9.89E-05	2.62E-06	5.22E-06	5.22E-06	4.01E-01	9.42E-04	1.02E-02	6.97E-04	ND	ND
	Gumweed	TOTAL PeCDD	2.25E-01	5.95E-04	1.57E-05	3.16E-05	3.16E-05	4.84E-01	1.14E-03	1.24E-02	8.42E-04	ND	ND
	Gumweed	TOTAL PeCDF	1.23E-01	3.25E-04	8.60E-06	1.73E-05	1.73E-05	2.65E-01	6.22E-04	6.76E-03	4.60E-04	ND	ND
	Gumweed	TOTAL TCDD	3.08E-01	8.14E-04	2.15E-05	4.29E-05	4.29E-05	3.30E-01	7.76E-04	8.43E-03	5.74E-04	ND	ND
	Gumweed	TOTAL TCDF	2.33E-02	6.14E-05	1.62E-06	3.24E-06	3.24E-06	2.49E-02	5.85E-05	6.37E-04	4.33E-05	ND	ND
	Rabbitbrush	1234678-HpCDD	2.46E-03	6.50E-06	1.72E-07	3.43E-07	3.43E-07	2.64E-03	6.20E-06	6.74E-05	4.58E-06	ND	ND
	Rabbitbrush	1234678-HpCDF	8.67E-03	2.29E-05	6.05E-07	1.21E-06	1.21E-06	9.28E-03	2.18E-05	2.37E-04	1.61E-05	ND	ND
	Rabbitbrush	123478-HxCDD	2.00E-02	5.29E-05	1.40E-06	2.79E-06	2.79E-06	2.14E-02	5.04E-05	5.48E-04	3.73E-05	ND	ND
	Rabbitbrush	123478-HxCDF	1.01E-04	2.66E-07	7.03E-09	1.40E-08	1.40E-08	1.08E-04	2.53E-07	2.75E-06	1.87E-07	ND	ND
	Rabbitbrush	1234789-HpCDF	1.98E-04	5.23E-07	1.38E-08	2.76E-08	2.76E-08	2.12E-04	4.99E-07	5.42E-06	3.69E-07	ND	ND
	Rabbitbrush	123678-HxCDD	1.67E-02	4.42E-05	1.17E-06	2.33E-06	2.33E-06	1.79E-02	4.21E-05	4.58E-04	3.12E-05	ND	ND
	Rabbitbrush	123678-HxCDF	8.04E-05	2.12E-07	5.61E-09	1.12E-08	1.12E-08	8.60E-05	2.02E-07	2.20E-06	1.49E-07	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
11 (cont.)	Rabbitbrush	12378-PeCDD	1.27E-01	3.35E-04	8.86E-06	1.78E-05	1.78E-05	1.36E-01	3.20E-04	3.48E-03	2.37E-04	ND	ND
	Rabbitbrush	12378-PeCDF	6.91E-03	1.82E-05	4.83E-07	9.69E-07	9.69E-07	7.42E-03	1.75E-05	1.90E-04	1.29E-05	ND	ND
	Rabbitbrush	123789-HxCDD	1.82E-04	4.79E-07	1.27E-08	2.53E-08	2.53E-08	1.94E-04	4.57E-07	4.97E-06	3.38E-07	ND	ND
	Rabbitbrush	123789-HxCDF	1.07E-04	2.84E-07	7.50E-09	1.50E-08	1.50E-08	1.15E-04	2.70E-07	2.94E-06	2.00E-07	ND	ND
	Rabbitbrush	234678-HxCDF	4.26E-02	1.12E-04	2.97E-06	5.93E-06	5.93E-06	4.56E-02	1.07E-04	1.16E-03	7.92E-05	ND	ND
	Rabbitbrush	23478-PeCDF	6.68E-02	1.76E-04	4.66E-06	9.36E-06	9.36E-06	7.17E-02	1.69E-04	1.83E-03	1.25E-04	ND	ND
	Rabbitbrush	2378-TCDD	1.16E-01	3.07E-04	8.12E-06	1.62E-05	1.62E-05	1.25E-01	2.93E-04	3.18E-03	2.16E-04	ND	ND
	Rabbitbrush	2378-TCDF	8.30E-03	2.19E-05	5.79E-07	1.15E-06	1.15E-06	1.18E-02	2.09E-05	2.27E-04	1.54E-05	ND	ND
	Rabbitbrush	OCDD	2.40E-03	6.34E-06	1.68E-07	3.35E-07	3.35E-07	2.57E-03	6.04E-06	6.57E-05	4.47E-06	ND	ND
	Rabbitbrush	OCDF	2.12E-03	5.59E-06	1.48E-07	2.95E-07	2.95E-07	2.27E-03	5.32E-06	5.79E-05	3.94E-06	ND	ND
	Rabbitbrush	TOTAL HpCDD	2.46E-03	6.50E-06	1.72E-07	3.43E-07	3.43E-07	2.64E-01	6.20E-04	6.74E-03	4.58E-04	ND	ND
	Rabbitbrush	TOTAL HpCDF	8.67E-03	2.29E-05	6.05E-07	1.21E-06	1.21E-06	9.28E-01	2.18E-03	2.37E-02	1.61E-03	ND	ND
	Rabbitbrush	TOTAL HxCDD	1.82E-02	4.81E-05	1.27E-06	2.54E-06	2.54E-06	1.95E-01	4.58E-04	4.98E-03	3.39E-04	ND	ND
	Rabbitbrush	TOTAL HxCDF	1.01E-01	2.66E-04	7.04E-06	1.40E-05	1.40E-05	1.08E+00	2.53E-03	2.76E-02	1.87E-03	ND	ND
	Rabbitbrush	TOTAL PeCDD	1.27E-01	3.35E-04	8.86E-06	1.78E-05	1.78E-05	2.73E-01	6.41E-04	6.96E-03	4.74E-04	ND	ND
	Rabbitbrush	TOTAL PeCDF	2.86E+00	7.55E-03	2.00E-04	4.01E-04	4.01E-04	6.14E+00	1.44E-02	1.57E-01	1.07E-02	ND	ND
	Rabbitbrush	TOTAL TCDD	1.16E-01	3.07E-04	8.12E-06	1.62E-05	1.62E-05	1.25E-01	2.93E-04	3.18E-03	2.16E-04	ND	ND
	Rabbitbrush	TOTAL TCDF	9.82E-01	2.59E-03	6.86E-05	1.37E-04	1.37E-04	1.05E+00	2.47E-03	2.69E-02	1.83E-03	ND	ND
12	Rabbitbrush	1234678-HpCDD	2.91E-03	3.84E-05	1.02E-06	2.03E-06	2.03E-06	3.12E-03	3.66E-05	3.98E-04	2.71E-05	ND	ND
	Rabbitbrush	1234678-HpCDF	1.26E-03	1.67E-05	4.41E-07	8.79E-07	8.79E-07	1.35E-03	1.59E-05	1.73E-04	1.17E-05	ND	ND
	Rabbitbrush	123478-HxCDD	2.12E-02	2.80E-04	7.41E-06	1.48E-05	1.48E-05	2.27E-02	2.67E-04	2.90E-03	1.98E-04	ND	ND
	Rabbitbrush	123478-HxCDF	1.00E-04	1.32E-06	3.50E-08	6.97E-08	6.97E-08	1.07E-04	1.26E-06	1.37E-05	9.32E-07	ND	ND
	Rabbitbrush	1234789-HpCDF	2.07E-04	2.73E-06	7.21E-08	1.44E-07	1.44E-07	2.21E-04	2.60E-06	2.83E-05	1.92E-06	ND	ND
	Rabbitbrush	123678-HxCDD	1.78E-02	2.35E-04	6.21E-06	1.24E-05	1.24E-05	1.90E-02	2.24E-04	2.43E-03	1.66E-04	ND	ND
	Rabbitbrush	123678-HxCDF	7.98E-05	1.05E-06	2.79E-08	5.56E-08	5.56E-08	8.55E-05	1.00E-06	1.09E-05	7.43E-07	ND	ND
	Rabbitbrush	12378-PeCDD	9.67E-02	1.28E-03	3.38E-05	6.78E-05	6.78E-05	1.04E-01	1.22E-03	1.33E-02	9.03E-04	ND	ND
	Rabbitbrush	12378-PeCDF	5.02E-03	6.62E-05	1.75E-06	3.52E-06	3.52E-06	5.38E-03	6.33E-05	6.89E-04	4.68E-05	ND	ND
	Rabbitbrush	123789-HxCDD	1.93E-04	2.54E-06	6.72E-08	1.34E-07	1.34E-07	2.06E-04	2.42E-06	2.63E-05	1.79E-06	ND	ND
	Rabbitbrush	123789-HxCDF	1.07E-04	1.41E-06	3.73E-08	7.45E-08	7.45E-08	1.15E-04	1.35E-06	1.46E-05	9.95E-07	ND	ND
	Rabbitbrush	234678-HxCDF	9.60E-03	1.27E-04	3.35E-06	6.68E-06	6.68E-06	1.03E-02	1.21E-04	1.31E-03	8.93E-05	ND	ND
	Rabbitbrush	23478-PeCDF	4.83E-02	6.38E-04	1.69E-05	3.39E-05	3.39E-05	5.19E-02	6.10E-04	6.64E-03	4.51E-04	ND	ND
	Rabbitbrush	2378-TCDD	8.87E-02	1.17E-03	3.10E-05	6.17E-05	6.17E-05	9.50E-02	1.12E-03	1.21E-02	8.25E-04	ND	ND
	Rabbitbrush	2378-TCDF	5.69E-03	7.51E-05	1.99E-06	3.96E-06	3.96E-06	8.11E-03	7.15E-05	7.78E-04	5.29E-05	ND	ND
	Rabbitbrush	OCDD	1.95E-03	2.57E-05	6.79E-07	1.35E-06	1.35E-06	2.08E-03	2.45E-05	2.66E-04	1.81E-05	ND	ND
	Rabbitbrush	OCDF	5.56E-04	7.33E-06	1.94E-07	3.87E-07	3.87E-07	5.95E-04	6.99E-06	7.60E-05	5.17E-06	ND	ND
	Rabbitbrush	TOTAL HpCDD	2.91E-03	3.84E-05	1.02E-06	2.03E-06	2.03E-06	3.12E-01	3.66E-03	3.98E-02	2.71E-03	ND	ND
	Rabbitbrush	TOTAL HpCDF	1.57E-03	2.07E-05	5.46E-07	1.09E-06	1.09E-06	1.68E-01	1.97E-03	2.14E-02	1.46E-03	ND	ND
	Rabbitbrush	TOTAL HxCDD	1.93E-02	2.55E-04	6.74E-06	1.34E-05	1.34E-05	2.07E-01	2.43E-03	2.64E-02	1.80E-03	ND	ND
	Rabbitbrush	TOTAL HxCDF	9.44E-03	1.25E-04	3.30E-06	6.57E-06	6.57E-06	1.01E-01	1.19E-03	1.29E-02	8.78E-04	ND	ND
	Rabbitbrush	TOTAL PeCDD	9.67E-02	1.28E-03	3.38E-05	6.78E-05	6.78E-05	2.08E-01	2.44E-03	2.65E-02	1.81E-03	ND	ND
	Rabbitbrush	TOTAL PeCDF	4.91E-02	6.48E-04	1.71E-05	3.44E-05	3.44E-05	1.06E-01	1.24E-03	1.35E-02	9.17E-04	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
12 (cont.)	Rabbitbrush	TOTAL TCDD	8.87E-02	1.17E-03	3.10E-05	6.17E-05	6.17E-05	9.50E-02	1.12E-03	1.21E-02	8.25E-04	ND	ND
	Rabbitbrush	TOTAL TCDF	5.69E-03	7.51E-05	1.99E-06	3.96E-06	3.96E-06	6.09E-03	7.15E-05	7.78E-04	5.29E-05	ND	ND
	Sweetclover	1234678-HpCDD	2.99E-03	3.95E-05	1.04E-06	2.08E-06	2.08E-06	3.20E-03	3.76E-05	4.09E-04	2.78E-05	ND	ND
	Sweetclover	1234678-HpCDF	1.35E-03	1.78E-05	4.70E-07	9.37E-07	9.37E-07	1.44E-03	1.69E-05	1.84E-04	1.25E-05	ND	ND
	Sweetclover	123478-HxCDD	2.13E-02	2.82E-04	7.45E-06	1.49E-05	1.49E-05	2.28E-02	2.68E-04	2.92E-03	1.99E-04	ND	ND
	Sweetclover	123478-HxCDF	1.11E-04	1.47E-06	3.88E-08	7.74E-08	7.74E-08	1.19E-04	1.40E-06	1.52E-05	1.03E-06	ND	ND
	Sweetclover	1234789-HpCDF	2.21E-04	2.91E-06	7.70E-08	1.54E-07	1.54E-07	2.36E-04	2.78E-06	3.02E-05	2.05E-06	ND	ND
	Sweetclover	123678-HxCDD	1.78E-02	2.35E-04	6.23E-06	1.24E-05	1.24E-05	1.91E-02	2.24E-04	2.44E-03	1.66E-04	ND	ND
	Sweetclover	123678-HxCDF	8.87E-05	1.17E-06	3.10E-08	6.17E-08	6.17E-08	9.50E-05	1.12E-06	1.21E-05	8.25E-07	ND	ND
	Sweetclover	12378-PeCDD	6.11E-02	8.06E-04	2.13E-05	4.28E-05	4.28E-05	6.55E-02	7.71E-04	8.38E-03	5.70E-04	ND	ND
	Sweetclover	12378-PeCDF	3.59E-03	4.73E-05	1.25E-06	2.51E-06	2.51E-06	3.85E-03	4.53E-05	4.92E-04	3.35E-05	ND	ND
	Sweetclover	123789-HxCDD	1.94E-04	2.55E-06	6.76E-08	1.35E-07	1.35E-07	2.07E-04	2.43E-06	2.65E-05	1.80E-06	ND	ND
	Sweetclover	123789-HxCDF	1.19E-04	1.57E-06	4.15E-08	8.28E-08	8.28E-08	1.27E-04	1.50E-06	1.63E-05	1.11E-06	ND	ND
	Sweetclover	234678-HxCDF	1.06E-02	1.40E-04	3.72E-06	7.41E-06	7.41E-06	1.14E-02	1.34E-04	1.46E-03	9.90E-05	ND	ND
	Sweetclover	23478-PeCDF	3.46E-02	4.56E-04	1.21E-05	2.42E-05	2.42E-05	3.71E-02	4.36E-04	4.75E-03	3.23E-04	ND	ND
	Sweetclover	2378-TCDD	7.25E-02	9.57E-04	2.53E-05	5.05E-05	5.05E-05	7.76E-02	9.12E-04	9.92E-03	6.75E-04	ND	ND
	Sweetclover	2378-TCDF	4.18E-02	5.52E-04	1.46E-05	2.91E-05	2.91E-05	5.96E-02	5.26E-04	5.72E-03	3.89E-04	ND	ND
	Sweetclover	OCDD	4.31E-03	5.69E-05	1.51E-06	3.00E-06	3.00E-06	4.62E-03	5.43E-05	5.90E-04	4.01E-05	ND	ND
	Sweetclover	OCDF	3.76E-04	4.96E-06	1.31E-07	2.62E-07	2.62E-07	4.02E-04	4.73E-06	5.14E-05	3.49E-06	ND	ND
	Sweetclover	TOTAL HpCDD	2.99E-03	3.95E-05	1.04E-06	2.08E-06	2.08E-06	3.20E-01	3.76E-03	4.09E-02	2.78E-03	ND	ND
	Sweetclover	TOTAL HpCDF	1.67E-03	2.21E-05	5.85E-07	1.17E-06	1.17E-06	1.79E-01	2.11E-03	2.29E-02	1.56E-03	ND	ND
	Sweetclover	TOTAL HxCDD	1.94E-02	2.56E-04	6.78E-06	1.35E-05	1.35E-05	2.08E-01	2.44E-03	2.65E-02	1.81E-03	ND	ND
	Sweetclover	TOTAL HxCDF	1.05E-02	1.38E-04	3.66E-06	7.30E-06	7.30E-06	1.12E-01	1.32E-03	1.43E-02	9.76E-04	ND	ND
	Sweetclover	TOTAL PeCDD	6.11E-02	8.06E-04	2.13E-05	4.28E-05	4.28E-05	1.31E-01	1.54E-03	1.68E-02	1.14E-03	ND	ND
	Sweetclover	TOTAL PeCDF	2.52E-01	3.32E-03	8.79E-05	1.76E-04	1.76E-04	5.41E-01	6.36E-03	6.91E-02	4.70E-03	ND	ND
	Sweetclover	TOTAL TCDD	7.25E-02	9.57E-04	2.53E-05	5.05E-05	5.05E-05	7.76E-02	9.12E-04	9.92E-03	6.75E-04	ND	ND
	Sweetclover	TOTAL TCDF	8.36E-02	1.10E-03	2.92E-05	5.82E-05	5.82E-05	8.95E-02	1.05E-03	1.14E-02	7.78E-04	ND	ND
15	Gumweed	1234678-HpCDD	3.50E-02	1.54E-03	4.08E-05	8.13E-05	8.13E-05	3.75E-02	1.47E-03	1.60E-02	1.09E-03	ND	ND
	Gumweed	1234678-HpCDF	1.05E-02	4.63E-04	1.23E-05	2.44E-05	2.44E-05	1.13E-02	4.41E-04	4.80E-03	3.26E-04	ND	ND
	Gumweed	123478-HxCDD	9.18E-03	4.04E-04	1.07E-05	2.13E-05	2.13E-05	9.83E-03	3.85E-04	4.19E-03	2.85E-04	ND	ND
	Gumweed	123478-HxCDF	4.90E-05	2.16E-06	5.71E-08	1.14E-07	1.14E-07	5.25E-05	2.06E-06	2.24E-05	1.52E-06	ND	ND
	Gumweed	1234789-HpCDF	7.83E-05	3.44E-06	9.11E-08	1.82E-07	1.82E-07	8.38E-05	3.28E-06	3.57E-05	2.43E-06	ND	ND
	Gumweed	123678-HxCDD	3.23E-02	1.42E-03	3.76E-05	7.49E-05	7.49E-05	3.46E-02	1.35E-03	1.47E-02	1.00E-03	ND	ND
	Gumweed	123678-HxCDF	9.31E-05	4.09E-06	1.08E-07	2.16E-07	2.16E-07	9.96E-05	3.90E-06	4.24E-05	2.89E-06	ND	ND
	Gumweed	12378-PeCDD	3.85E-02	1.69E-03	4.48E-05	8.99E-05	8.99E-05	4.13E-02	1.62E-03	1.76E-02	1.20E-03	ND	ND
	Gumweed	12378-PeCDF	2.05E-03	9.03E-05	2.39E-06	4.80E-06	4.80E-06	2.20E-03	8.64E-05	9.40E-04	6.39E-05	ND	ND
	Gumweed	123789-HxCDD	2.26E-04	9.96E-06	2.63E-07	5.25E-07	5.25E-07	2.42E-04	9.49E-06	1.03E-04	7.02E-06	ND	ND
	Gumweed	123789-HxCDF	5.22E-05	2.30E-06	6.07E-08	1.21E-07	1.21E-07	5.59E-05	2.19E-06	2.38E-05	1.62E-06	ND	ND
	Gumweed	234678-HxCDF	1.92E-02	8.45E-04	2.23E-05	4.46E-05	4.46E-05	2.06E-02	8.05E-04	8.76E-03	5.96E-04	ND	ND
	Gumweed	23478-PeCDF	1.98E-02	8.69E-04	2.30E-05	4.61E-05	4.61E-05	2.12E-02	8.31E-04	9.04E-03	6.15E-04	ND	ND
	Gumweed	2378-TCDD	4.75E-02	2.09E-03	5.53E-05	1.10E-04	1.10E-04	5.08E-02	1.99E-03	2.16E-02	1.47E-03	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
15 (cont.)	Gumweed	2378-TCDF	2.04E-02	8.97E-04	2.37E-05	4.73E-05	4.73E-05	2.91E-02	8.55E-04	9.30E-03	6.32E-04	ND	ND
	Gumweed	OCDD	1.39E-02	6.10E-04	1.61E-05	3.22E-05	3.22E-05	1.48E-02	5.82E-04	6.32E-03	4.30E-04	ND	ND
	Gumweed	OCDF	1.80E-03	7.92E-05	2.09E-06	4.18E-06	4.18E-06	1.93E-03	7.55E-05	8.21E-04	5.58E-05	ND	ND
	Gumweed	TOTAL HpCDD	5.30E-02	2.33E-03	6.17E-05	1.23E-04	1.23E-04	5.68E+00	2.22E-01	2.42E+00	1.64E-01	ND	ND
	Gumweed	TOTAL HpCDF	1.49E-02	6.56E-04	1.74E-05	3.46E-05	3.46E-05	1.60E+00	6.25E-02	6.80E-01	4.63E-02	ND	ND
	Gumweed	TOTAL HxCDD	1.58E-01	6.97E-03	1.84E-04	3.68E-04	3.68E-04	1.70E+00	6.64E-02	7.22E-01	4.91E-02	ND	ND
	Gumweed	TOTAL HxCDF	1.14E-01	5.03E-03	1.33E-04	2.65E-04	2.65E-04	1.22E+00	4.80E-02	5.21E-01	3.55E-02	ND	ND
	Gumweed	TOTAL PeCDD	3.85E-02	1.69E-03	4.48E-05	8.99E-05	8.99E-05	8.27E-02	3.24E-03	3.52E-02	2.39E-03	ND	ND
	Gumweed	TOTAL PeCDF	2.71E-01	1.19E-02	3.15E-04	6.33E-04	6.33E-04	5.82E-01	2.28E-02	2.48E-01	1.69E-02	ND	ND
	Gumweed	TOTAL TCDD	1.35E-01	5.95E-03	1.57E-04	3.14E-04	3.14E-04	1.45E-01	5.67E-03	6.17E-02	4.19E-03	ND	ND
	Gumweed	TOTAL TCDF	5.77E-02	2.54E-03	6.71E-05	1.34E-04	1.34E-04	6.18E-02	2.42E-03	2.63E-02	1.79E-03	ND	ND
	Rabbitbrush	1234678-HpCDD	9.90E-02	4.35E-03	1.15E-04	2.30E-04	2.30E-04	1.06E-01	4.15E-03	4.51E-02	3.07E-03	ND	ND
	Rabbitbrush	1234678-HpCDF	1.88E-02	8.26E-04	2.19E-05	4.36E-05	4.36E-05	2.01E-02	7.87E-04	8.56E-03	5.82E-04	ND	ND
	Rabbitbrush	123478-HxCDD	2.59E-02	1.14E-03	3.01E-05	6.01E-05	6.01E-05	2.77E-02	1.09E-03	1.18E-02	8.02E-04	ND	ND
	Rabbitbrush	123478-HxCDF	1.26E-04	5.55E-06	1.47E-07	2.93E-07	2.93E-07	1.35E-04	5.29E-06	5.76E-05	3.92E-06	ND	ND
	Rabbitbrush	1234789-HpCDF	2.60E-04	1.15E-05	3.03E-07	6.04E-07	6.04E-07	2.79E-04	1.09E-05	1.19E-04	8.07E-06	ND	ND
	Rabbitbrush	123678-HxCDD	2.17E-02	9.53E-04	2.52E-05	5.02E-05	5.02E-05	2.32E-02	9.08E-04	9.87E-03	6.71E-04	ND	ND
	Rabbitbrush	123678-HxCDF	1.01E-04	4.43E-06	1.17E-07	2.34E-07	2.34E-07	1.08E-04	4.22E-06	4.59E-05	3.12E-06	ND	ND
	Rabbitbrush	12378-PeCDD	1.39E-01	6.09E-03	1.61E-04	3.24E-04	3.24E-04	1.49E-01	5.83E-03	6.34E-02	4.31E-03	ND	ND
	Rabbitbrush	12378-PeCDF	7.46E-03	3.28E-04	8.68E-06	1.74E-05	1.74E-05	8.00E-03	3.14E-04	3.41E-03	2.32E-04	ND	ND
	Rabbitbrush	123789-HxCDD	8.67E-04	3.81E-05	1.01E-06	2.01E-06	2.01E-06	9.28E-04	3.63E-05	3.95E-04	2.69E-05	ND	ND
	Rabbitbrush	123789-HxCDF	1.36E-04	5.97E-06	1.58E-07	3.15E-07	3.15E-07	1.45E-04	5.69E-06	6.18E-05	4.21E-06	ND	ND
	Rabbitbrush	234678-HxCDF	4.28E-02	1.88E-03	4.98E-05	9.93E-05	9.93E-05	4.58E-02	1.79E-03	1.95E-02	1.33E-03	ND	ND
	Rabbitbrush	23478-PeCDF	7.20E-02	3.17E-03	8.38E-05	1.68E-04	1.68E-04	7.72E-02	3.03E-03	3.29E-02	2.24E-03	ND	ND
	Rabbitbrush	2378-TCDD	1.13E-01	4.98E-03	1.32E-04	2.63E-04	2.63E-04	1.21E-01	4.75E-03	5.16E-02	3.51E-03	ND	ND
	Rabbitbrush	2378-TCDF	4.32E-02	1.90E-03	5.03E-05	1.00E-04	1.00E-04	6.16E-02	1.81E-03	1.97E-02	1.34E-03	ND	ND
	Rabbitbrush	OCDD	8.26E-02	3.63E-03	9.61E-05	1.92E-04	1.92E-04	8.84E-02	3.46E-03	3.77E-02	2.56E-03	ND	ND
	Rabbitbrush	OCDF	7.09E-03	3.12E-04	8.25E-06	1.64E-05	1.64E-05	7.59E-03	2.97E-04	3.23E-03	2.20E-04	ND	ND
	Rabbitbrush	TOTAL HpCDD	4.95E-02	2.18E-03	5.76E-05	1.15E-04	1.15E-04	5.30E+00	2.07E-01	2.26E+00	1.53E-01	ND	ND
	Rabbitbrush	TOTAL HpCDF	4.07E-02	1.79E-03	4.74E-05	9.45E-05	9.45E-05	4.36E+00	1.71E-01	1.86E+00	1.26E-01	ND	ND
	Rabbitbrush	TOTAL HxCDD	7.30E-01	3.21E-02	8.50E-04	1.69E-03	1.69E-03	7.82E+00	3.06E-01	3.33E+00	2.26E-01	ND	ND
	Rabbitbrush	TOTAL HxCDF	2.35E-01	1.03E-02	2.73E-04	5.45E-04	5.45E-04	2.51E+00	9.85E-02	1.07E+00	7.28E-02	ND	ND
	Rabbitbrush	TOTAL PeCDD	1.39E-01	6.09E-03	1.61E-04	3.24E-04	3.24E-04	2.98E-01	1.17E-02	1.27E-01	8.62E-03	ND	ND
	Rabbitbrush	TOTAL PeCDF	3.08E-01	1.36E-02	3.59E-04	7.20E-04	7.20E-04	6.62E-01	2.59E-02	2.82E-01	1.92E-02	ND	ND
	Rabbitbrush	TOTAL TCDD	1.70E-01	7.47E-03	1.98E-04	3.94E-04	3.94E-04	1.82E-01	7.12E-03	7.74E-02	5.27E-03	ND	ND
	Rabbitbrush	TOTAL TCDF	1.94E-01	8.52E-03	2.25E-04	4.49E-04	4.49E-04	2.07E-01	8.12E-03	8.83E-02	6.01E-03	ND	ND
	Sweetclover	1234678-HpCDD	1.29E-02	5.66E-04	1.50E-05	2.99E-05	2.99E-05	1.38E-02	5.39E-04	5.87E-03	3.99E-04	ND	ND
	Sweetclover	1234678-HpCDF	3.00E-03	1.32E-04	3.49E-06	6.96E-06	6.96E-06	3.21E-03	1.26E-04	1.37E-03	9.30E-05	ND	ND
	Sweetclover	123478-HxCDD	3.82E-02	1.68E-03	4.44E-05	8.86E-05	8.86E-05	4.09E-02	1.60E-03	1.74E-02	1.18E-03	ND	ND
	Sweetclover	123478-HxCDF	1.92E-04	8.42E-06	2.23E-07	4.44E-07	4.44E-07	2.05E-04	8.03E-06	8.73E-05	5.94E-06	ND	ND
	Sweetclover	1234789-HpCDF	4.20E-04	1.85E-05	4.88E-07	9.73E-07	9.73E-07	4.49E-04	1.76E-05	1.91E-04	1.30E-05	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
15 (cont.)	Sweetclover	123678-HxCDD	3.19E-02	1.40E-03	3.72E-05	7.41E-05	7.41E-05	3.42E-02	1.34E-03	1.46E-02	9.90E-04	ND	ND
	Sweetclover	123678-HxCDF	1.53E-04	6.72E-06	1.78E-07	3.55E-07	3.55E-07	1.64E-04	6.41E-06	6.97E-05	4.74E-06	ND	ND
	Sweetclover	12378-PeCDD	1.12E-01	4.92E-03	1.30E-04	2.61E-04	2.61E-04	1.20E-01	4.70E-03	5.11E-02	3.48E-03	ND	ND
	Sweetclover	12378-PeCDF	6.19E-03	2.72E-04	7.20E-06	1.45E-05	1.45E-05	6.64E-03	2.60E-04	2.83E-03	1.93E-04	ND	ND
	Sweetclover	123789-HxCDD	3.46E-04	1.52E-05	4.03E-07	8.03E-07	8.03E-07	3.70E-04	1.45E-05	1.58E-04	1.07E-05	ND	ND
	Sweetclover	123789-HxCDF	2.05E-04	9.02E-06	2.39E-07	4.76E-07	4.76E-07	2.20E-04	8.60E-06	9.35E-05	6.36E-06	ND	ND
	Sweetclover	234678-HxCDF	1.84E-02	8.08E-04	2.14E-05	4.26E-05	4.26E-05	1.97E-02	7.70E-04	8.37E-03	5.69E-04	ND	ND
	Sweetclover	23478-PeCDF	5.98E-02	2.63E-03	6.96E-05	1.40E-04	1.40E-04	6.41E-02	2.52E-03	2.74E-02	1.86E-03	ND	ND
	Sweetclover	2378-TCDD	1.22E-01	5.37E-03	1.42E-04	2.83E-04	2.83E-04	1.31E-01	5.12E-03	5.57E-02	3.79E-03	ND	ND
	Sweetclover	2378-TCDF	9.81E-03	4.31E-04	1.14E-05	2.28E-05	2.28E-05	1.40E-02	4.11E-04	4.47E-03	3.04E-04	ND	ND
	Sweetclover	OCDD	2.08E-02	9.17E-04	2.43E-05	4.84E-05	4.84E-05	2.23E-02	8.74E-04	9.50E-03	6.46E-04	ND	ND
	Sweetclover	OCDF	7.58E-04	3.33E-05	8.82E-07	1.76E-06	1.76E-06	8.11E-04	3.18E-05	3.45E-04	2.35E-05	ND	ND
	Sweetclover	TOTAL HpCDD	3.10E-02	1.36E-03	3.61E-05	7.19E-05	7.19E-05	3.32E+00	1.30E-01	1.41E+00	9.61E-02	ND	ND
	Sweetclover	TOTAL HpCDF	1.27E-02	5.59E-04	1.48E-05	2.95E-05	2.95E-05	1.36E+00	5.33E-02	5.80E-01	3.94E-02	ND	ND
	Sweetclover	TOTAL HxCDD	3.47E-02	1.53E-03	4.04E-05	8.05E-05	8.05E-05	3.71E-01	1.45E-02	1.58E-01	1.08E-02	ND	ND
	Sweetclover	TOTAL HxCDF	1.81E-02	7.96E-04	2.11E-05	4.20E-05	4.20E-05	1.94E-01	7.59E-03	8.25E-02	5.61E-03	ND	ND
	Sweetclover	TOTAL PeCDD	1.12E-01	4.92E-03	1.30E-04	2.61E-04	2.61E-04	2.40E-01	9.41E-03	1.02E-01	6.96E-03	ND	ND
	Sweetclover	TOTAL PeCDF	9.20E-02	4.05E-03	1.07E-04	2.15E-04	2.15E-04	1.98E-01	7.74E-03	8.42E-02	5.73E-03	ND	ND
	Sweetclover	TOTAL TCDD	1.22E-01	5.37E-03	1.42E-04	2.83E-04	2.83E-04	1.31E-01	5.12E-03	5.57E-02	3.79E-03	ND	ND
	Sweetclover	TOTAL TCDF	9.81E-03	4.31E-04	1.14E-05	2.28E-05	2.28E-05	1.05E-02	4.11E-04	4.47E-03	3.04E-04	ND	ND
1b	Gumweed	1234678-HpCDD	6.33E-02	2.79E-05	7.37E-07	1.47E-06	1.47E-06	6.46E-02	2.66E-05	2.89E-04	1.96E-05	ND	ND
	Gumweed	1234678-HpCDF	5.65E-03	2.49E-06	6.58E-08	1.31E-07	1.31E-07	5.76E-03	2.37E-06	2.58E-05	1.75E-06	ND	ND
	Gumweed	123478-HxCDD	4.19E-02	1.84E-05	4.88E-07	9.72E-07	9.72E-07	4.27E-02	1.76E-05	1.91E-04	1.30E-05	ND	ND
	Gumweed	123478-HxCDF	2.33E-04	1.02E-07	2.71E-09	5.40E-09	5.40E-09	2.37E-04	9.76E-08	1.06E-06	7.22E-08	ND	ND
	Gumweed	1234789-HpCDF	4.18E-04	1.84E-07	4.87E-09	9.71E-09	9.71E-09	4.27E-04	1.75E-07	1.91E-06	1.30E-07	ND	ND
	Gumweed	123678-HxCDD	3.50E-02	1.54E-05	4.07E-07	8.12E-07	8.12E-07	3.57E-02	1.47E-05	1.60E-04	1.09E-05	ND	ND
	Gumweed	123678-HxCDF	1.86E-04	8.17E-08	2.16E-09	4.31E-09	4.31E-09	1.89E-04	7.79E-08	8.47E-07	5.76E-08	ND	ND
	Gumweed	12378-PeCDD	1.33E-01	5.87E-05	1.55E-06	3.11E-06	3.11E-06	1.36E-01	5.61E-05	6.10E-04	4.15E-05	ND	ND
	Gumweed	12378-PeCDF	7.17E-03	3.16E-06	8.35E-08	1.68E-07	1.68E-07	7.33E-03	3.02E-06	3.28E-05	2.23E-06	ND	ND
	Gumweed	123789-HxCDD	3.80E-04	1.67E-07	4.42E-09	8.81E-09	8.81E-09	3.87E-04	1.59E-07	1.73E-06	1.18E-07	ND	ND
	Gumweed	123789-HxCDF	2.49E-04	1.10E-07	2.90E-09	5.79E-09	5.79E-09	2.54E-04	1.05E-07	1.14E-06	7.73E-08	ND	ND
	Gumweed	234678-HxCDF	2.23E-02	9.82E-06	2.60E-07	5.18E-07	5.18E-07	2.28E-02	9.36E-06	1.02E-04	6.92E-06	ND	ND
	Gumweed	23478-PeCDF	6.91E-02	3.04E-05	8.05E-07	1.62E-06	1.62E-06	7.06E-02	2.91E-05	3.16E-04	2.15E-05	ND	ND
	Gumweed	2378-TCDD	1.78E-01	7.85E-05	2.08E-06	4.14E-06	4.14E-06	1.82E-01	7.48E-05	8.13E-04	5.53E-05	ND	ND
	Gumweed	2378-TCDF	2.33E-02	1.02E-05	2.71E-07	5.41E-07	5.41E-07	3.16E-02	9.77E-06	1.06E-04	7.22E-06	ND	ND
	Gumweed	OCDD	5.19E-03	2.28E-06	6.04E-08	1.21E-07	1.21E-07	5.30E-03	2.18E-06	2.37E-05	1.61E-06	ND	ND
	Gumweed	OCDF	2.52E-03	1.11E-06	2.93E-08	5.84E-08	5.84E-08	2.57E-03	1.06E-06	1.15E-05	7.81E-07	ND	ND
	Gumweed	TOTAL HpCDD	1.34E-01	5.90E-05	1.56E-06	3.11E-06	3.11E-06	1.37E+01	5.62E-03	6.11E-02	4.16E-03	ND	ND
	Gumweed	TOTAL HpCDF	7.77E-03	3.42E-06	9.04E-08	1.80E-07	1.80E-07	7.92E-01	3.26E-04	3.54E-03	2.41E-04	ND	ND
	Gumweed	TOTAL HxCDD	5.79E-01	2.55E-04	6.74E-06	1.34E-05	1.34E-05	5.90E+00	2.43E-03	2.64E-02	1.80E-03	ND	ND
	Gumweed	TOTAL HxCDF	2.28E-02	1.00E-05	2.66E-07	5.30E-07	5.30E-07	2.33E-01	9.57E-05	1.04E-03	7.08E-05	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1b (cont.)	Gumweed	TOTAL PeCDD	1.33E-01	5.87E-05	1.55E-06	3.11E-06	3.11E-06	2.73E-01	1.12E-04	1.22E-03	8.30E-05	ND	ND
	Gumweed	TOTAL PeCDF	7.04E-02	3.10E-05	8.20E-07	1.65E-06	1.65E-06	1.44E-01	5.93E-05	6.45E-04	4.38E-05	ND	ND
	Gumweed	TOTAL TCDD	1.80E-01	7.93E-05	2.10E-06	4.18E-06	4.18E-06	1.84E-01	7.56E-05	8.22E-04	5.59E-05	ND	ND
	Gumweed	TOTAL TCDF	8.87E-02	3.90E-05	1.03E-06	2.06E-06	2.06E-06	9.04E-02	3.72E-05	4.04E-04	2.75E-05	ND	ND
	Rabbitbrush	1234678-HpCDD	9.37E-03	4.12E-06	1.09E-07	2.17E-07	2.17E-07	9.55E-03	3.93E-06	4.27E-05	2.91E-06	ND	ND
	Rabbitbrush	1234678-HpCDF	7.15E-04	3.14E-07	8.32E-09	1.66E-08	1.66E-08	7.29E-04	3.00E-07	3.26E-06	2.22E-07	ND	ND
	Rabbitbrush	123478-HxCDD	1.07E-02	4.73E-06	1.25E-07	2.49E-07	2.49E-07	1.10E-02	4.51E-06	4.90E-05	3.33E-06	ND	ND
	Rabbitbrush	123478-HxCDF	5.58E-05	2.46E-08	6.50E-10	1.30E-09	1.30E-09	5.69E-05	2.34E-08	2.55E-07	1.73E-08	ND	ND
	Rabbitbrush	1234789-HpCDF	1.17E-04	5.16E-08	1.37E-09	2.72E-09	2.72E-09	1.20E-04	4.92E-08	5.35E-07	3.64E-08	ND	ND
	Rabbitbrush	123678-HxCDD	9.03E-03	3.97E-06	1.05E-07	2.09E-07	2.09E-07	9.20E-03	3.78E-06	4.12E-05	2.80E-06	ND	ND
	Rabbitbrush	123678-HxCDF	4.28E-05	1.88E-08	4.98E-10	9.93E-10	9.93E-10	4.36E-05	1.79E-08	1.95E-07	1.33E-08	ND	ND
	Rabbitbrush	12378-PeCDD	3.61E-02	1.59E-05	4.20E-07	8.44E-07	8.44E-07	3.69E-02	1.52E-05	1.65E-04	1.12E-05	ND	ND
	Rabbitbrush	12378-PeCDF	2.18E-03	9.60E-07	2.54E-08	5.10E-08	5.10E-08	2.23E-03	9.19E-07	9.99E-06	6.80E-07	ND	ND
	Rabbitbrush	123789-HxCDD	9.76E-05	4.29E-08	1.14E-09	2.26E-09	2.26E-09	9.95E-05	4.09E-08	4.45E-07	3.03E-08	ND	ND
	Rabbitbrush	123789-HxCDF	5.74E-05	2.52E-08	6.68E-10	1.33E-09	1.33E-09	5.85E-05	2.41E-08	2.62E-07	1.78E-08	ND	ND
	Rabbitbrush	234678-HxCDF	5.27E-03	2.32E-06	6.13E-08	1.22E-07	1.22E-07	5.37E-03	2.21E-06	2.40E-05	1.63E-06	ND	ND
	Rabbitbrush	23478-PeCDF	2.21E-02	9.72E-06	2.57E-07	5.16E-07	5.16E-07	2.26E-02	9.30E-06	1.01E-04	6.88E-06	ND	ND
	Rabbitbrush	2378-TCDD	3.81E-02	1.68E-05	4.43E-07	8.84E-07	8.84E-07	3.88E-02	1.60E-05	1.74E-04	1.18E-05	ND	ND
	Rabbitbrush	2378-TCDF	3.13E-03	1.38E-06	3.64E-08	7.26E-08	7.26E-08	4.25E-03	1.31E-06	1.43E-05	9.71E-07	ND	ND
	Rabbitbrush	OCDD	1.77E-03	7.79E-07	2.06E-08	4.11E-08	4.11E-08	1.81E-03	7.42E-07	8.07E-06	5.49E-07	ND	ND
	Rabbitbrush	OCDF	2.24E-04	9.87E-08	2.61E-09	5.21E-09	5.21E-09	2.29E-04	9.41E-08	1.02E-06	6.96E-08	ND	ND
	Rabbitbrush	TOTAL HpCDD	1.84E-02	8.08E-06	2.14E-07	4.26E-07	4.26E-07	1.87E+00	7.70E-04	8.38E-03	5.70E-04	ND	ND
	Rabbitbrush	TOTAL HpCDF	8.87E-04	3.90E-07	1.03E-08	2.06E-08	2.06E-08	9.04E-02	3.72E-05	4.04E-04	2.75E-05	ND	ND
	Rabbitbrush	TOTAL HxCDD	2.08E-02	9.14E-06	2.42E-07	4.82E-07	4.82E-07	2.12E-01	8.71E-05	9.47E-04	6.44E-05	ND	ND
	Rabbitbrush	TOTAL HxCDF	5.11E-03	2.25E-06	5.95E-08	1.19E-07	1.19E-07	5.21E-02	2.14E-05	2.33E-04	1.59E-05	ND	ND
	Rabbitbrush	TOTAL PeCDD	3.61E-02	1.59E-05	4.20E-07	8.44E-07	8.44E-07	7.39E-02	3.04E-05	3.31E-04	2.25E-05	ND	ND
	Rabbitbrush	TOTAL PeCDF	2.21E-02	9.72E-06	2.57E-07	5.16E-07	5.16E-07	4.52E-02	1.86E-05	2.02E-04	1.38E-05	ND	ND
	Rabbitbrush	TOTAL TCDD	3.81E-02	1.68E-05	4.43E-07	8.84E-07	8.84E-07	3.88E-02	1.60E-05	1.74E-04	1.18E-05	ND	ND
	Rabbitbrush	TOTAL TCDF	5.95E-02	2.62E-05	6.93E-07	1.38E-06	1.38E-06	6.07E-02	2.50E-05	2.71E-04	1.85E-05	ND	ND
1c	Gumweed	1234678-HpCDD	7.70E-03	1.36E-04	3.58E-06	7.15E-06	7.15E-06	8.24E-03	1.29E-04	1.40E-03	9.55E-05	ND	ND
	Gumweed	1234678-HpCDF	1.05E-01	1.84E-03	4.87E-05	9.71E-05	9.71E-05	1.12E-01	1.76E-03	1.91E-02	1.30E-03	ND	ND
	Gumweed	123478-HxCDD	6.21E-02	1.09E-03	2.89E-05	5.76E-05	5.76E-05	6.65E-02	1.04E-03	1.13E-02	7.70E-04	ND	ND
	Gumweed	123478-HxCDF	2.12E-03	3.73E-05	9.88E-07	1.97E-06	1.97E-06	2.27E-03	3.56E-05	3.87E-04	2.63E-05	ND	ND
	Gumweed	1234789-HpCDF	6.27E-04	1.10E-05	2.92E-07	5.82E-07	5.82E-07	6.71E-04	1.05E-05	1.14E-04	7.77E-06	ND	ND
	Gumweed	123678-HxCDD	5.19E-02	9.13E-04	2.42E-05	4.82E-05	4.82E-05	5.56E-02	8.71E-04	9.47E-03	6.44E-04	ND	ND
	Gumweed	123678-HxCDF	2.79E-04	4.91E-06	1.30E-07	2.59E-07	2.59E-07	2.99E-04	4.68E-06	5.09E-05	3.46E-06	ND	ND
	Gumweed	12378-PeCDD	2.10E-01	3.70E-03	9.79E-05	1.96E-04	1.96E-04	2.26E-01	3.54E-03	3.85E-02	2.62E-03	ND	ND
	Gumweed	12378-PeCDF	1.35E-02	2.37E-04	6.28E-06	1.26E-05	1.26E-05	1.45E-02	2.27E-04	2.47E-03	1.68E-04	ND	ND
	Gumweed	123789-HxCDD	5.63E-04	9.90E-06	2.62E-07	5.22E-07	5.22E-07	6.02E-04	9.43E-06	1.03E-04	6.98E-06	ND	ND
	Gumweed	123789-HxCDF	3.75E-04	6.60E-06	1.75E-07	3.48E-07	3.48E-07	4.02E-04	6.29E-06	6.84E-05	4.65E-06	ND	ND
	Gumweed	234678-HxCDF	3.36E-02	5.91E-04	1.56E-05	3.12E-05	3.12E-05	3.60E-02	5.64E-04	6.13E-03	4.17E-04	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1c (cont.)	Gumweed	23478-PeCDF	1.30E-01	2.29E-03	6.06E-05	1.22E-04	1.22E-04	1.40E-01	2.19E-03	2.38E-02	1.62E-03	ND	ND
	Gumweed	2378-TCDD	2.84E-01	4.99E-03	1.32E-04	2.63E-04	2.63E-04	3.04E-01	4.76E-03	5.18E-02	3.52E-03	ND	ND
	Gumweed	2378-TCDF	2.25E-02	3.97E-04	1.05E-05	2.09E-05	2.09E-05	3.21E-02	3.78E-04	4.11E-03	2.80E-04	ND	ND
	Gumweed	OCDD	4.28E-03	7.54E-05	1.99E-06	3.98E-06	3.98E-06	4.59E-03	7.18E-05	7.81E-04	5.31E-05	ND	ND
	Gumweed	OCDF	1.95E-02	3.44E-04	9.09E-06	1.81E-05	1.81E-05	2.09E-02	3.28E-04	3.56E-03	2.42E-04	ND	ND
	Gumweed	TOTAL HpCDD	7.70E-03	1.36E-04	3.58E-06	7.15E-06	7.15E-06	8.24E-01	1.29E-02	1.40E-01	9.55E-03	ND	ND
	Gumweed	TOTAL HpCDF	1.05E-01	1.84E-03	4.87E-05	9.71E-05	9.71E-05	1.12E+01	1.76E-01	1.91E+00	1.30E-01	ND	ND
	Gumweed	TOTAL HxCDD	5.65E-02	9.93E-04	2.63E-05	5.24E-05	5.24E-05	6.04E-01	9.47E-03	1.03E-01	7.00E-03	ND	ND
	Gumweed	TOTAL HxCDF	3.81E-01	6.71E-03	1.78E-04	3.54E-04	3.54E-04	4.08E+00	6.40E-02	6.95E-01	4.73E-02	ND	ND
	Gumweed	TOTAL PeCDD	2.10E-01	3.70E-03	9.79E-05	1.96E-04	1.96E-04	4.52E-01	7.08E-03	7.70E-02	5.24E-03	ND	ND
	Gumweed	TOTAL PeCDF	7.77E-01	1.37E-02	3.62E-04	7.26E-04	7.26E-04	1.67E+00	2.62E-02	2.84E-01	1.93E-02	ND	ND
	Gumweed	TOTAL TCDD	2.84E-01	4.99E-03	1.32E-04	2.63E-04	2.63E-04	3.04E-01	4.76E-03	5.18E-02	3.52E-03	ND	ND
	Gumweed	TOTAL TCDF	2.25E-02	3.97E-04	1.05E-05	2.09E-05	2.09E-05	2.41E-02	3.78E-04	4.11E-03	2.80E-04	ND	ND
	Rabbitbrush	1234678-HpCDD	2.21E-03	3.89E-05	1.03E-06	2.05E-06	2.05E-06	2.37E-03	3.71E-05	4.03E-04	2.74E-05	ND	ND
	Rabbitbrush	1234678-HpCDF	1.68E-03	2.95E-05	7.80E-07	1.56E-06	1.56E-06	1.79E-03	2.81E-05	3.06E-04	2.08E-05	ND	ND
	Rabbitbrush	123478-HxCDD	1.42E-02	2.51E-04	6.63E-06	1.32E-05	1.32E-05	1.52E-02	2.39E-04	2.60E-03	1.77E-04	ND	ND
	Rabbitbrush	123478-HxCDF	6.99E-05	1.23E-06	3.25E-08	6.49E-08	6.49E-08	7.48E-05	1.17E-06	1.27E-05	8.67E-07	ND	ND
	Rabbitbrush	1234789-HpCDF	1.52E-04	2.67E-06	7.07E-08	1.41E-07	1.41E-07	1.63E-04	2.55E-06	2.77E-05	1.88E-06	ND	ND
	Rabbitbrush	123678-HxCDD	1.19E-02	2.09E-04	5.54E-06	1.10E-05	1.10E-05	1.27E-02	2.00E-04	2.17E-03	1.48E-04	ND	ND
	Rabbitbrush	123678-HxCDF	5.58E-05	9.82E-07	2.60E-08	5.18E-08	5.18E-08	5.98E-05	9.36E-07	1.02E-05	6.92E-07	ND	ND
	Rabbitbrush	12378-PeCDD	4.29E-02	7.55E-04	2.00E-05	4.01E-05	4.01E-05	4.60E-02	7.22E-04	7.85E-03	5.34E-04	ND	ND
	Rabbitbrush	12378-PeCDF	2.18E-03	3.84E-05	1.02E-06	2.04E-06	2.04E-06	2.34E-03	3.68E-05	4.00E-04	2.72E-05	ND	ND
	Rabbitbrush	123789-HxCDD	1.29E-04	2.27E-06	6.00E-08	1.20E-07	1.20E-07	1.38E-04	2.16E-06	2.35E-05	1.60E-06	ND	ND
	Rabbitbrush	123789-HxCDF	7.46E-05	1.31E-06	3.47E-08	6.93E-08	6.93E-08	7.99E-05	1.25E-06	1.36E-05	9.25E-07	ND	ND
	Rabbitbrush	234678-HxCDF	1.69E-02	2.98E-04	7.88E-06	1.57E-05	1.57E-05	1.81E-02	2.84E-04	3.09E-03	2.10E-04	ND	ND
	Rabbitbrush	23478-PeCDF	2.11E-02	3.70E-04	9.80E-06	1.97E-05	1.97E-05	2.26E-02	3.54E-04	3.85E-03	2.62E-04	ND	ND
	Rabbitbrush	2378-TCDD	4.44E-02	7.80E-04	2.06E-05	4.12E-05	4.12E-05	4.75E-02	7.44E-04	8.09E-03	5.50E-04	ND	ND
	Rabbitbrush	2378-TCDF	2.16E-02	3.79E-04	1.00E-05	2.00E-05	2.00E-05	3.07E-02	3.61E-04	3.93E-03	2.67E-04	ND	ND
	Rabbitbrush	OCDD	5.00E-04	8.80E-06	2.33E-07	4.64E-07	4.64E-07	5.36E-04	8.39E-06	9.12E-05	6.21E-06	ND	ND
	Rabbitbrush	OCDF	3.26E-04	5.73E-06	1.52E-07	3.02E-07	3.02E-07	3.49E-04	5.46E-06	5.94E-05	4.04E-06	ND	ND
	Rabbitbrush	TOTAL HpCDD	2.21E-03	3.89E-05	1.03E-06	2.05E-06	2.05E-06	2.37E-01	3.71E-03	4.03E-02	2.74E-03	ND	ND
	Rabbitbrush	TOTAL HpCDF	1.68E-03	2.95E-05	7.80E-07	1.56E-06	1.56E-06	1.79E-01	2.81E-03	3.06E-02	2.08E-03	ND	ND
	Rabbitbrush	TOTAL HxCDD	1.29E-02	2.28E-04	6.02E-06	1.20E-05	1.20E-05	1.39E-01	2.17E-03	2.36E-02	1.60E-03	ND	ND
	Rabbitbrush	TOTAL HxCDF	3.39E-02	5.96E-04	1.58E-05	3.14E-05	3.14E-05	3.62E-01	5.68E-03	6.17E-02	4.20E-03	ND	ND
	Rabbitbrush	TOTAL PeCDD	4.29E-02	7.55E-04	2.00E-05	4.01E-05	4.01E-05	9.22E-02	1.44E-03	1.57E-02	1.07E-03	ND	ND
	Rabbitbrush	TOTAL PeCDF	1.18E-01	2.07E-03	5.48E-05	1.10E-04	1.10E-04	2.53E-01	3.96E-03	4.31E-02	2.93E-03	ND	ND
	Rabbitbrush	TOTAL TCDD	1.61E-01	2.83E-03	7.49E-05	1.49E-04	1.49E-04	1.72E-01	2.70E-03	2.93E-02	1.99E-03	ND	ND
	Rabbitbrush	TOTAL TCDF	1.16E-01	2.05E-03	5.42E-05	1.08E-04	1.08E-04	1.25E-01	1.95E-03	2.12E-02	1.44E-03	ND	ND
21	Gumweed	1234678-HpCDD	1.08E-01	2.86E-05	7.57E-07	1.51E-06	1.51E-06	6.63E-02	2.73E-05	2.96E-04	2.02E-05	ND	ND
	Gumweed	1234678-HpCDF	7.22E-04	1.91E-07	5.04E-09	1.00E-08	1.00E-08	4.42E-04	1.82E-07	1.97E-06	1.34E-07	ND	ND
	Gumweed	123478-HxCDD	1.17E-02	3.08E-06	8.14E-08	1.62E-07	1.62E-07	7.13E-03	2.93E-06	3.19E-05	2.17E-06	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
21 (cont.)	Gumweed	123478-HxCDF	5.78E-05	1.53E-08	4.04E-10	8.05E-10	8.05E-10	3.54E-05	1.45E-08	1.58E-07	1.08E-08	ND	ND
	Gumweed	1234789-HpCDF	1.18E-04	3.12E-08	8.24E-10	1.64E-09	1.64E-09	7.22E-05	2.97E-08	3.23E-07	2.20E-08	ND	ND
	Gumweed	123678-HxCDD	5.46E-02	1.44E-05	3.81E-07	7.60E-07	7.60E-07	3.34E-02	1.37E-05	1.49E-04	1.02E-05	ND	ND
	Gumweed	123678-HxCDF	4.63E-05	1.22E-08	3.23E-10	6.45E-10	6.45E-10	2.83E-05	1.16E-08	1.27E-07	8.62E-09	ND	ND
	Gumweed	12378-PeCDD	3.56E-02	9.40E-06	2.49E-07	4.99E-07	4.99E-07	2.18E-02	9.00E-06	9.78E-05	6.65E-06	ND	ND
	Gumweed	12378-PeCDF	2.07E-03	5.46E-07	1.44E-08	2.90E-08	2.90E-08	1.27E-03	5.22E-07	5.68E-06	3.86E-07	ND	ND
	Gumweed	123789-HxCDD	1.06E-04	2.79E-08	7.38E-10	1.47E-09	1.47E-09	6.46E-05	2.66E-08	2.89E-07	1.97E-08	ND	ND
	Gumweed	123789-HxCDF	6.20E-05	1.64E-08	4.33E-10	8.63E-10	8.63E-10	3.79E-05	1.56E-08	1.69E-07	1.15E-08	ND	ND
	Gumweed	234678-HxCDF	1.42E-02	3.75E-06	9.93E-08	1.98E-07	1.98E-07	8.70E-03	3.58E-06	3.89E-05	2.65E-06	ND	ND
	Gumweed	23478-PeCDF	1.99E-02	5.26E-06	1.39E-07	2.79E-07	2.79E-07	1.22E-02	5.03E-06	5.47E-05	3.72E-06	ND	ND
	Gumweed	2378-TCDD	4.94E-02	1.30E-05	3.45E-07	6.87E-07	6.87E-07	3.02E-02	1.24E-05	1.35E-04	9.18E-06	ND	ND
	Gumweed	2378-TCDF	9.01E-03	2.38E-06	6.29E-08	1.25E-07	1.25E-07	7.34E-03	2.27E-06	2.46E-05	1.68E-06	ND	ND
	Gumweed	OCDD	7.87E-02	2.08E-05	5.49E-07	1.10E-06	1.10E-06	4.81E-02	1.98E-05	2.15E-04	1.46E-05	ND	ND
	Gumweed	OCDF	4.43E-03	1.17E-06	3.09E-08	6.17E-08	6.17E-08	2.71E-03	1.11E-06	1.21E-05	8.25E-07	ND	ND
	Gumweed	TOTAL HpCDD	2.31E-01	6.09E-05	1.61E-06	3.21E-06	3.21E-06	1.41E+01	5.80E-03	6.31E-02	4.29E-03	ND	ND
	Gumweed	TOTAL HpCDF	1.73E-02	4.56E-06	1.21E-07	2.40E-07	2.40E-07	1.06E+00	4.34E-04	4.72E-03	3.21E-04	ND	ND
	Gumweed	TOTAL HxCDD	5.57E-01	1.47E-04	3.89E-06	7.76E-06	7.76E-06	3.41E+00	1.40E-03	1.52E-02	1.04E-03	ND	ND
	Gumweed	TOTAL HxCDF	1.91E-01	5.04E-05	1.33E-06	2.66E-06	2.66E-06	1.17E+00	4.80E-04	5.22E-03	3.55E-04	ND	ND
	Gumweed	TOTAL PeCDD	1.20E-01	3.17E-05	8.38E-07	1.68E-06	1.68E-06	1.47E-01	6.06E-05	6.59E-04	4.48E-05	ND	ND
	Gumweed	TOTAL PeCDF	2.55E-01	6.73E-05	1.78E-06	3.58E-06	3.58E-06	3.13E-01	1.29E-04	1.40E-03	9.53E-05	ND	ND
	Gumweed	TOTAL TCDD	4.94E-02	1.30E-05	3.45E-07	6.87E-07	6.87E-07	3.02E-02	1.24E-05	1.35E-04	9.18E-06	ND	ND
	Gumweed	TOTAL TCDF	4.81E-02	1.27E-05	3.36E-07	6.69E-07	6.69E-07	2.94E-02	1.21E-05	1.31E-04	8.94E-06	ND	ND
	Rabbitbrush	1234678-HpCDD	1.05E-01	2.77E-05	7.34E-07	1.46E-06	1.46E-06	6.43E-02	2.64E-05	2.87E-04	1.95E-05	ND	ND
	Rabbitbrush	1234678-HpCDF	9.94E-03	2.62E-06	6.94E-08	1.38E-07	1.38E-07	6.08E-03	2.50E-06	2.72E-05	1.85E-06	ND	ND
	Rabbitbrush	123478-HxCDD	3.57E-02	9.41E-06	2.49E-07	4.96E-07	4.96E-07	2.18E-02	8.97E-06	9.75E-05	6.63E-06	ND	ND
	Rabbitbrush	123478-HxCDF	3.30E-05	8.72E-09	2.31E-10	4.60E-10	4.60E-10	2.02E-05	8.31E-09	9.04E-08	6.15E-09	ND	ND
	Rabbitbrush	1234789-HpCDF	6.52E-05	1.72E-08	4.55E-10	9.08E-10	9.08E-10	3.99E-05	1.64E-08	1.78E-07	1.21E-08	ND	ND
	Rabbitbrush	123678-HxCDD	5.07E-02	1.34E-05	3.54E-07	7.05E-07	7.05E-07	3.10E-02	1.27E-05	1.39E-04	9.43E-06	ND	ND
	Rabbitbrush	123678-HxCDF	2.63E-05	6.94E-09	1.84E-10	3.66E-10	3.66E-10	1.61E-05	6.62E-09	7.20E-08	4.89E-09	ND	ND
	Rabbitbrush	12378-PeCDD	1.68E-01	4.42E-05	1.17E-06	2.35E-06	2.35E-06	1.03E-01	4.23E-05	4.60E-04	3.13E-05	ND	ND
	Rabbitbrush	12378-PeCDF	2.09E-03	5.52E-07	1.46E-08	2.93E-08	2.93E-08	1.28E-03	5.28E-07	5.74E-06	3.90E-07	ND	ND
	Rabbitbrush	123789-HxCDD	1.30E-03	3.43E-07	9.08E-09	1.81E-08	1.81E-08	7.95E-04	3.27E-07	3.56E-06	2.42E-07	ND	ND
	Rabbitbrush	123789-HxCDF	3.54E-05	9.35E-09	2.47E-10	4.93E-10	4.93E-10	2.17E-05	8.91E-09	9.69E-08	6.59E-09	ND	ND
	Rabbitbrush	234678-HxCDF	1.92E-02	5.07E-06	1.34E-07	2.67E-07	2.67E-07	1.17E-02	4.83E-06	5.25E-05	3.57E-06	ND	ND
	Rabbitbrush	23478-PeCDF	2.01E-02	5.32E-06	1.41E-07	2.82E-07	2.82E-07	1.23E-02	5.09E-06	5.53E-05	3.76E-06	ND	ND
	Rabbitbrush	2378-TCDD	4.04E-02	1.07E-05	2.82E-07	5.63E-07	5.63E-07	2.47E-02	1.02E-05	1.11E-04	7.52E-06	ND	ND
	Rabbitbrush	2378-TCDF	4.36E-02	1.15E-05	3.05E-07	6.08E-07	6.08E-07	3.56E-02	1.10E-05	1.19E-04	8.12E-06	ND	ND
	Rabbitbrush	OCDD	1.20E-01	3.16E-05	8.35E-07	1.66E-06	1.66E-06	7.31E-02	3.01E-05	3.27E-04	2.22E-05	ND	ND
	Rabbitbrush	OCDF	6.62E-03	1.75E-06	4.62E-08	9.21E-08	9.21E-08	4.05E-03	1.66E-06	1.81E-05	1.23E-06	ND	ND
	Rabbitbrush	TOTAL HpCDD	2.23E-01	5.89E-05	1.56E-06	3.11E-06	3.11E-06	1.36E+01	5.61E-03	6.10E-02	4.15E-03	ND	ND
	Rabbitbrush	TOTAL HpCDF	2.25E-02	5.94E-06	1.57E-07	3.13E-07	3.13E-07	1.38E+00	5.66E-04	6.15E-03	4.18E-04	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
21 (cont.)	Rabbitbrush	TOTAL HxCDD	7.16E-01	1.89E-04	5.00E-06	9.97E-06	9.97E-06	4.38E+00	1.80E-03	1.96E-02	1.33E-03	ND	ND
	Rabbitbrush	TOTAL HxCDF	1.00E-01	2.64E-05	6.98E-07	1.39E-06	1.39E-06	6.12E-01	2.52E-04	2.74E-03	1.86E-04	ND	ND
	Rabbitbrush	TOTAL PeCDD	2.78E-01	7.34E-05	1.94E-06	3.90E-06	3.90E-06	3.42E-01	1.41E-04	1.53E-03	1.04E-04	ND	ND
	Rabbitbrush	TOTAL PeCDF	2.27E-01	5.98E-05	1.58E-06	3.18E-06	3.18E-06	2.78E-01	1.14E-04	1.24E-03	8.46E-05	ND	ND
	Rabbitbrush	TOTAL TCDD	4.04E-02	1.07E-05	2.82E-07	5.63E-07	5.63E-07	2.47E-02	1.02E-05	1.11E-04	7.52E-06	ND	ND
	Rabbitbrush	TOTAL TCDF	1.92E-01	5.06E-05	1.34E-06	2.67E-06	2.67E-06	1.17E-01	4.82E-05	5.24E-04	3.57E-05	ND	ND
37	Ambrosia	1234678-HpCDD	1.08E-01	6.63E-05	1.75E-06	3.50E-06	3.50E-06	1.15E-01	6.32E-05	6.87E-04	4.67E-05	ND	ND
	Ambrosia	1234678-HpCDF	8.98E-04	5.53E-07	1.46E-08	2.92E-08	2.92E-08	9.61E-04	5.27E-07	5.73E-06	3.90E-07	ND	ND
	Ambrosia	123478-HxCDD	6.90E-02	4.25E-05	1.12E-06	2.24E-06	2.24E-06	7.38E-02	4.05E-05	4.40E-04	2.99E-05	ND	ND
	Ambrosia	123478-HxCDF	2.40E-04	1.48E-07	3.92E-09	7.81E-09	7.81E-09	2.57E-04	1.41E-07	1.53E-06	1.04E-07	ND	ND
	Ambrosia	1234789-HpCDF	1.38E-04	8.48E-08	2.24E-09	4.47E-09	4.47E-09	1.47E-04	8.09E-08	8.79E-07	5.98E-08	ND	ND
	Ambrosia	123678-HxCDD	8.37E-02	5.15E-05	1.36E-06	2.72E-06	2.72E-06	8.96E-02	4.91E-05	5.34E-04	3.63E-05	ND	ND
	Ambrosia	123678-HxCDF	6.00E-05	3.70E-08	9.78E-10	1.95E-09	1.95E-09	6.42E-05	3.52E-08	3.83E-07	2.60E-08	ND	ND
	Ambrosia	12378-PeCDD	1.87E-01	1.15E-04	3.04E-06	6.10E-06	6.10E-06	2.00E-01	1.10E-04	1.20E-03	8.13E-05	ND	ND
	Ambrosia	12378-PeCDF	2.99E-03	1.84E-06	4.87E-08	9.78E-08	9.78E-08	3.21E-03	1.76E-06	1.91E-05	1.30E-06	ND	ND
	Ambrosia	123789-HxCDD	5.96E-04	3.67E-07	9.71E-09	1.94E-08	1.94E-08	6.38E-04	3.50E-07	3.80E-06	2.59E-07	ND	ND
	Ambrosia	123789-HxCDF	8.04E-05	4.95E-08	1.31E-09	2.61E-09	2.61E-09	8.60E-05	4.72E-08	5.13E-07	3.49E-08	ND	ND
	Ambrosia	234678-HxCDF	2.31E-02	1.42E-05	3.76E-07	7.51E-07	7.51E-07	2.47E-02	1.36E-05	1.47E-04	1.00E-05	ND	ND
	Ambrosia	23478-PeCDF	3.02E-02	1.86E-05	4.91E-07	9.86E-07	9.86E-07	3.23E-02	1.78E-05	1.93E-04	1.31E-05	ND	ND
	Ambrosia	2378-TCDD	5.53E-02	3.41E-05	9.01E-07	1.80E-06	1.80E-06	5.92E-02	3.25E-05	3.53E-04	2.40E-05	ND	ND
	Ambrosia	2378-TCDF	1.25E-02	7.72E-06	2.04E-07	4.07E-07	4.07E-07	1.79E-02	7.36E-06	8.00E-05	5.44E-06	ND	ND
	Ambrosia	OCDD	3.15E-02	1.94E-05	5.13E-07	1.02E-06	1.02E-06	3.37E-02	1.85E-05	2.01E-04	1.37E-05	ND	ND
	Ambrosia	OCDF	1.32E-03	8.14E-07	2.15E-08	4.29E-08	4.29E-08	1.41E-03	7.76E-07	8.44E-06	5.74E-07	ND	ND
	Ambrosia	TOTAL HpCDD	1.97E-01	1.21E-04	3.21E-06	6.40E-06	6.40E-06	2.11E+01	1.16E-02	1.26E-01	8.56E-03	ND	ND
	Ambrosia	TOTAL HpCDF	9.64E-03	5.94E-06	1.57E-07	3.13E-07	3.13E-07	1.03E+00	5.66E-04	6.15E-03	4.19E-04	ND	ND
	Ambrosia	TOTAL HxCDD	7.40E-01	4.56E-04	1.21E-05	2.40E-05	2.40E-05	7.92E+00	4.35E-03	4.72E-02	3.21E-03	ND	ND
	Ambrosia	TOTAL HxCDF	1.84E-01	1.13E-04	2.99E-06	5.97E-06	5.97E-06	1.97E+00	1.08E-03	1.17E-02	7.97E-04	ND	ND
	Ambrosia	TOTAL PeCDD	3.12E-01	1.92E-04	5.08E-06	1.02E-05	1.02E-05	6.69E-01	3.67E-04	3.99E-03	2.71E-04	ND	ND
	Ambrosia	TOTAL PeCDF	3.97E-01	2.45E-04	6.47E-06	1.30E-05	1.30E-05	8.54E-01	4.68E-04	5.09E-03	3.46E-04	ND	ND
	Ambrosia	TOTAL TCDD	5.53E-02	3.41E-05	9.01E-07	1.80E-06	1.80E-06	5.92E-02	3.25E-05	3.53E-04	2.40E-05	ND	ND
	Ambrosia	TOTAL TCDF	2.51E-02	1.54E-05	4.08E-07	8.14E-07	8.14E-07	2.68E-02	1.47E-05	1.60E-04	1.09E-05	ND	ND
	Rabbitbrush	1234678-HpCDD	4.52E-01	2.78E-04	7.36E-06	1.47E-05	1.47E-05	4.84E-01	2.65E-04	2.88E-03	1.96E-04	ND	ND
	Rabbitbrush	1234678-HpCDF	2.73E-02	1.68E-05	4.45E-07	8.86E-07	8.86E-07	2.92E-02	1.60E-05	1.74E-04	1.18E-05	ND	ND
	Rabbitbrush	123478-HxCDD	2.81E-01	1.73E-04	4.58E-06	9.13E-06	9.13E-06	3.01E-01	1.65E-04	1.79E-03	1.22E-04	ND	ND
	Rabbitbrush	123478-HxCDF	1.08E-03	6.66E-07	1.76E-08	3.51E-08	3.51E-08	1.16E-03	6.35E-07	6.90E-06	4.69E-07	ND	ND
	Rabbitbrush	1234789-HpCDF	7.95E-04	4.89E-07	1.29E-08	2.58E-08	2.58E-08	8.51E-04	4.66E-07	5.07E-06	3.45E-07	ND	ND
	Rabbitbrush	123678-HxCDD	3.54E-01	2.18E-04	5.76E-06	1.15E-05	1.15E-05	3.78E-01	2.08E-04	2.26E-03	1.53E-04	ND	ND
	Rabbitbrush	123678-HxCDF	5.23E-04	3.22E-07	8.52E-09	1.70E-08	1.70E-08	5.60E-04	3.07E-07	3.34E-06	2.27E-07	ND	ND
	Rabbitbrush	12378-PeCDD	9.33E-01	5.75E-04	1.52E-05	3.05E-05	3.05E-05	1.00E+00	5.50E-04	5.98E-03	4.07E-04	ND	ND
	Rabbitbrush	12378-PeCDF	4.99E-03	3.07E-06	8.13E-08	1.63E-07	1.63E-07	5.35E-03	2.94E-06	3.20E-05	2.17E-06	ND	ND
	Rabbitbrush	123789-HxCDD	6.32E-03	3.89E-06	1.03E-07	2.05E-07	2.05E-07	6.77E-03	3.71E-06	4.04E-05	2.75E-06	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
37 (cont.)	Rabbitbrush	123789-HxCDF	1.04E-04	6.43E-08	1.70E-09	3.39E-09	3.39E-09	1.12E-04	6.13E-08	6.66E-07	4.53E-08	ND	ND
	Rabbitbrush	234678-HxCDF	9.99E-02	6.15E-05	1.63E-06	3.24E-06	3.24E-06	1.07E-01	5.86E-05	6.37E-04	4.34E-05	ND	ND
	Rabbitbrush	23478-PeCDF	1.94E-01	1.19E-04	3.16E-06	6.34E-06	6.34E-06	2.08E-01	1.14E-04	1.24E-03	8.45E-05	ND	ND
	Rabbitbrush	2378-TCDD	2.94E-01	1.81E-04	4.80E-06	9.56E-06	9.56E-06	3.15E-01	1.73E-04	1.88E-03	1.28E-04	ND	ND
	Rabbitbrush	2378-TCDF	7.77E-03	4.79E-06	1.27E-07	2.53E-07	2.53E-07	1.11E-02	4.56E-06	4.96E-05	3.37E-06	ND	ND
	Rabbitbrush	OCDD	1.48E-01	9.09E-05	2.41E-06	4.80E-06	4.80E-06	1.58E-01	8.67E-05	9.42E-04	6.41E-05	ND	ND
	Rabbitbrush	OCDF	6.94E-03	4.27E-06	1.13E-07	2.25E-07	2.25E-07	7.43E-03	4.07E-06	4.43E-05	3.01E-06	ND	ND
	Rabbitbrush	TOTAL HpCDD	8.45E-01	5.20E-04	1.38E-05	2.74E-05	2.74E-05	9.04E+01	4.96E-02	5.39E-01	3.67E-02	ND	ND
	Rabbitbrush	TOTAL HpCDF	6.78E-02	4.17E-05	1.10E-06	2.20E-06	2.20E-06	7.26E+00	3.98E-03	4.33E-02	2.94E-03	ND	ND
	Rabbitbrush	TOTAL HxCDD	4.06E+00	2.50E-03	6.61E-05	1.32E-04	1.32E-04	4.34E+01	2.38E-02	2.59E-01	1.76E-02	ND	ND
	Rabbitbrush	TOTAL HxCDF	7.05E-01	4.34E-04	1.15E-05	2.29E-05	2.29E-05	7.55E+00	4.14E-03	4.50E-02	3.06E-03	ND	ND
	Rabbitbrush	TOTAL PeCDD	3.27E+00	2.01E-03	5.32E-05	1.07E-04	1.07E-04	7.02E+00	3.85E-03	4.19E-02	2.85E-03	ND	ND
	Rabbitbrush	TOTAL PeCDF	2.53E+00	1.56E-03	4.11E-05	8.26E-05	8.26E-05	5.43E+00	2.98E-03	3.24E-02	2.20E-03	ND	ND
	Rabbitbrush	TOTAL TCDD	1.61E+00	9.91E-04	2.62E-05	5.23E-05	5.23E-05	1.72E+00	9.45E-04	1.03E-02	6.99E-04	ND	ND
	Rabbitbrush	TOTAL TCDF	2.64E-01	1.62E-04	4.29E-06	8.56E-06	8.56E-06	2.82E-01	1.55E-04	1.68E-03	1.14E-04	ND	ND
	Sweetclover	1234678-HpCDD	3.91E-01	2.41E-04	6.37E-06	1.27E-05	1.27E-05	4.18E-01	2.29E-04	2.50E-03	1.70E-04	ND	ND
	Sweetclover	1234678-HpCDF	1.17E-02	7.20E-06	1.91E-07	3.80E-07	3.80E-07	1.25E-02	6.87E-06	7.47E-05	5.08E-06	ND	ND
	Sweetclover	123478-HxCDD	2.53E-01	1.56E-04	4.13E-06	8.23E-06	8.23E-06	2.71E-01	1.49E-04	1.62E-03	1.10E-04	ND	ND
	Sweetclover	123478-HxCDF	1.21E-03	7.48E-07	1.98E-08	3.95E-08	3.95E-08	1.30E-03	7.13E-07	7.75E-06	5.27E-07	ND	ND
	Sweetclover	1234789-HpCDF	4.54E-04	2.80E-07	7.40E-09	1.48E-08	1.48E-08	4.87E-04	2.67E-07	2.90E-06	1.97E-07	ND	ND
	Sweetclover	123678-HxCDD	3.61E-01	2.22E-04	5.88E-06	1.17E-05	1.17E-05	3.87E-01	2.12E-04	2.31E-03	1.57E-04	ND	ND
	Sweetclover	123678-HxCDF	6.59E-04	4.06E-07	1.07E-08	2.14E-08	2.14E-08	7.05E-04	3.86E-07	4.20E-06	2.86E-07	ND	ND
	Sweetclover	12378-PeCDD	1.09E-01	6.74E-05	1.78E-06	3.58E-06	3.58E-06	1.17E-01	6.45E-05	7.01E-04	4.77E-05	ND	ND
	Sweetclover	12378-PeCDF	6.39E-03	3.94E-06	1.04E-07	2.09E-07	2.09E-07	6.86E-03	3.77E-06	4.10E-05	2.79E-06	ND	ND
	Sweetclover	123789-HxCDD	5.69E-03	3.50E-06	9.27E-08	1.85E-07	1.85E-07	6.09E-03	3.34E-06	3.63E-05	2.47E-06	ND	ND
	Sweetclover	123789-HxCDF	2.09E-04	1.29E-07	3.40E-09	6.78E-09	6.78E-09	2.23E-04	1.23E-07	1.33E-06	9.06E-08	ND	ND
	Sweetclover	234678-HxCDF	1.11E-01	6.85E-05	1.81E-06	3.61E-06	3.61E-06	1.19E-01	6.53E-05	7.10E-04	4.83E-05	ND	ND
	Sweetclover	23478-PeCDF	6.16E-02	3.79E-05	1.00E-06	2.01E-06	2.01E-06	6.61E-02	3.63E-05	3.95E-04	2.68E-05	ND	ND
	Sweetclover	2378-TCDD	1.28E-01	7.87E-05	2.08E-06	4.15E-06	4.15E-06	1.37E-01	7.50E-05	8.16E-04	5.55E-05	ND	ND
	Sweetclover	2378-TCDF	1.02E-02	6.30E-06	1.67E-07	3.32E-07	3.32E-07	1.46E-02	6.00E-06	6.53E-05	4.44E-06	ND	ND
	Sweetclover	OCDD	1.02E-01	6.28E-05	1.66E-06	3.31E-06	3.31E-06	1.09E-01	5.98E-05	6.50E-04	4.42E-05	ND	ND
	Sweetclover	OCDF	8.51E-04	5.24E-07	1.39E-08	2.76E-08	2.76E-08	9.10E-04	4.99E-07	5.43E-06	3.69E-07	ND	ND
	Sweetclover	TOTAL HpCDD	6.89E-01	4.24E-04	1.12E-05	2.24E-05	2.24E-05	7.37E+01	4.04E-02	4.40E-01	2.99E-02	ND	ND
	Sweetclover	TOTAL HpCDF	5.71E-02	3.52E-05	9.30E-07	1.85E-06	1.85E-06	6.11E+00	3.35E-03	3.64E-02	2.48E-03	ND	ND
	Sweetclover	TOTAL HxCDD	3.35E+00	2.06E-03	5.46E-05	1.09E-04	1.09E-04	3.59E+01	1.97E-02	2.14E-01	1.45E-02	ND	ND
	Sweetclover	TOTAL HxCDF	7.33E-01	4.51E-04	1.19E-05	2.38E-05	2.38E-05	7.85E+00	4.30E-03	4.68E-02	3.18E-03	ND	ND
	Sweetclover	TOTAL PeCDD	4.34E+00	2.67E-03	7.06E-05	1.42E-04	1.42E-04	9.32E+00	5.11E-03	5.55E-02	3.78E-03	ND	ND
	Sweetclover	TOTAL PeCDF	2.11E+00	1.30E-03	3.43E-05	6.89E-05	6.89E-05	4.53E+00	2.48E-03	2.70E-02	1.84E-03	ND	ND
	Sweetclover	TOTAL TCDD	8.23E-01	5.07E-04	1.34E-05	2.67E-05	2.67E-05	8.81E-01	4.83E-04	5.25E-03	3.57E-04	ND	ND
	Sweetclover	TOTAL TCDF	2.32E-01	1.43E-04	3.79E-06	7.55E-06	7.55E-06	2.49E-01	1.36E-04	1.48E-03	1.01E-04	ND	ND
42	Gumweed	1234678-HpCDD	4.16E-03	1.32E-04	3.48E-06	6.95E-06	6.95E-06	4.45E-03	1.26E-04	1.36E-03	9.28E-05	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
42 (cont.)	Gumweed	1234678-HpCDF	2.11E-03	6.68E-05	1.77E-06	3.52E-06	3.52E-06	2.26E-03	6.36E-05	6.92E-04	4.71E-05	ND	ND
	Gumweed	123478-HxCDD.	3.87E-02	1.23E-03	3.24E-05	6.47E-05	6.47E-05	4.14E-02	1.17E-03	1.27E-02	8.64E-04	ND	ND
	Gumweed	123478-HxCDF	2.11E-04	6.68E-06	1.77E-07	3.52E-07	3.52E-07	2.26E-04	6.36E-06	6.92E-05	4.71E-06	ND	ND
	Gumweed	1234789-HpCDF	3.46E-04	1.10E-05	2.90E-07	5.78E-07	5.78E-07	3.70E-04	1.04E-05	1.14E-04	7.72E-06	ND	ND
	Gumweed	123678-HxCDD	3.24E-02	1.03E-03	2.71E-05	5.41E-05	5.41E-05	3.47E-02	9.78E-04	1.06E-02	7.23E-04	ND	ND
	Gumweed	123678-HxCDF	1.69E-04	5.34E-06	1.41E-07	2.82E-07	2.82E-07	1.80E-04	5.09E-06	5.53E-05	3.76E-06	ND	ND
	Gumweed	12378-PeCDD	1.20E-01	3.79E-03	1.00E-04	2.02E-04	2.02E-04	1.29E-01	3.63E-03	3.95E-02	2.68E-03	ND	ND
	Gumweed	12378-PeCDF	8.21E-03	2.60E-04	6.88E-06	1.38E-05	1.38E-05	8.81E-03	2.49E-04	2.71E-03	1.84E-04	ND	ND
	Gumweed	123789-HxCDD	3.51E-04	1.11E-05	2.94E-07	5.87E-07	5.87E-07	3.76E-04	1.06E-05	1.15E-04	7.84E-06	ND	ND
	Gumweed	123789-HxCDF	2.26E-04	7.16E-06	1.89E-07	3.77E-07	3.77E-07	2.42E-04	6.82E-06	7.42E-05	5.04E-06	ND	ND
	Gumweed	234678-HxCDF	2.02E-02	6.41E-04	1.70E-05	3.38E-05	3.38E-05	2.17E-02	6.11E-04	6.64E-03	4.52E-04	ND	ND
	Gumweed	23478-PeCDF	7.93E-02	2.51E-03	6.64E-05	1.33E-04	1.33E-04	8.51E-02	2.40E-03	2.61E-02	1.78E-03	ND	ND
	Gumweed	2378-TCDD	1.78E-01	5.65E-03	1.50E-04	2.98E-04	2.98E-04	1.91E-01	5.39E-03	5.86E-02	3.98E-03	ND	ND
	Gumweed	2378-TCDF	1.36E-02	4.31E-04	1.14E-05	2.28E-05	2.28E-05	1.94E-02	4.11E-04	4.47E-03	3.04E-04	ND	ND
	Gumweed	OCDD	5.60E-04	1.77E-05	4.70E-07	9.36E-07	9.36E-07	6.00E-04	1.69E-05	1.84E-04	1.25E-05	ND	ND
	Gumweed	OCDF	4.74E-04	1.50E-05	3.97E-07	7.92E-07	7.92E-07	5.08E-04	1.43E-05	1.56E-04	1.06E-05	ND	ND
	Gumweed	TOTAL HpCDD	3.21E-02	1.02E-03	2.69E-05	5.36E-05	5.36E-05	3.43E+00	9.68E-02	1.05E+00	7.16E-02	ND	ND
	Gumweed	TOTAL HpCDF	6.53E-03	2.07E-04	5.47E-06	1.09E-05	1.09E-05	6.99E-01	1.97E-02	2.14E-01	1.46E-02	ND	ND
	Gumweed	TOTAL HxCDD	3.52E-02	1.12E-03	2.95E-05	5.88E-05	5.88E-05	3.77E-01	1.06E-02	1.16E-01	7.86E-03	ND	ND
	Gumweed	TOTAL HxCDF	1.99E-02	6.31E-04	1.67E-05	3.33E-05	3.33E-05	2.13E-01	6.02E-03	6.54E-02	4.45E-03	ND	ND
	Gumweed	TOTAL PeCDD	1.20E-01	3.79E-03	1.00E-04	2.02E-04	2.02E-04	2.57E-01	7.26E-03	7.90E-02	5.37E-03	ND	ND
	Gumweed	TOTAL PeCDF	8.06E-02	2.55E-03	6.75E-05	1.36E-04	1.36E-04	1.73E-01	4.88E-03	5.31E-02	3.61E-03	ND	ND
	Gumweed	TOTAL TCDD	1.78E-01	5.65E-03	1.50E-04	2.98E-04	2.98E-04	1.91E-01	5.39E-03	5.86E-02	3.98E-03	ND	ND
	Gumweed	TOTAL TCDF	1.36E-02	4.31E-04	1.14E-05	2.28E-05	2.28E-05	1.46E-02	4.11E-04	4.47E-03	3.04E-04	ND	ND
	Rabbitbrush	1234678-HpCDD	1.18E-02	3.74E-04	9.89E-06	1.97E-05	1.97E-05	1.26E-02	3.56E-04	3.87E-03	2.63E-04	ND	ND
	Rabbitbrush	1234678-HpCDF	3.98E-03	1.26E-04	3.34E-06	6.66E-06	6.66E-06	4.27E-03	1.20E-04	1.31E-03	8.90E-05	ND	ND
	Rabbitbrush	123478-HxCDD	4.69E-02	1.48E-03	3.93E-05	7.83E-05	7.83E-05	5.02E-02	1.41E-03	1.54E-02	1.05E-03	ND	ND
	Rabbitbrush	123478-HxCDF	3.01E-04	9.52E-06	2.52E-07	5.02E-07	5.02E-07	3.22E-04	9.07E-06	9.86E-05	6.71E-06	ND	ND
	Rabbitbrush	1234789-HpCDF	4.60E-04	1.46E-05	3.85E-07	7.68E-07	7.68E-07	4.92E-04	1.39E-05	1.51E-04	1.03E-05	ND	ND
	Rabbitbrush	123678-HxCDD	4.33E-02	1.37E-03	3.62E-05	7.23E-05	7.23E-05	4.63E-02	1.31E-03	1.42E-02	9.66E-04	ND	ND
	Rabbitbrush	123678-HxCDF	2.20E-04	6.97E-06	1.84E-07	3.68E-07	3.68E-07	2.36E-04	6.65E-06	7.23E-05	4.92E-06	ND	ND
	Rabbitbrush	12378-PeCDD	1.67E-01	5.29E-03	1.40E-04	2.81E-04	2.81E-04	1.79E-01	5.06E-03	5.51E-02	3.75E-03	ND	ND
	Rabbitbrush	12378-PeCDF	1.04E-02	3.31E-04	8.75E-06	1.76E-05	1.76E-05	1.12E-02	3.17E-04	3.44E-03	2.34E-04	ND	ND
	Rabbitbrush	123789-HxCDD	4.14E-04	1.31E-05	3.47E-07	6.91E-07	6.91E-07	4.43E-04	1.25E-05	1.36E-04	9.24E-06	ND	ND
	Rabbitbrush	123789-HxCDF	3.34E-04	1.06E-05	2.80E-07	5.58E-07	5.58E-07	3.57E-04	1.01E-05	1.10E-04	7.46E-06	ND	ND
	Rabbitbrush	234678-HxCDF	2.88E-02	9.13E-04	2.41E-05	4.81E-05	4.81E-05	3.09E-02	8.70E-04	9.46E-03	6.43E-04	ND	ND
	Rabbitbrush	23478-PeCDF	8.80E-02	2.79E-03	7.37E-05	1.48E-04	1.48E-04	9.44E-02	2.67E-03	2.90E-02	1.97E-03	ND	ND
	Rabbitbrush	2378-TCDD	2.20E-01	6.96E-03	1.84E-04	3.67E-04	3.67E-04	2.35E-01	6.63E-03	7.21E-02	4.90E-03	ND	ND
	Rabbitbrush	2378-TCDF	3.92E-02	1.24E-03	3.29E-05	6.55E-05	6.55E-05	5.59E-02	1.18E-03	1.29E-02	8.76E-04	ND	ND
	Rabbitbrush	OCDD	9.35E-03	2.96E-04	7.83E-06	1.56E-05	1.56E-05	1.00E-02	2.82E-04	3.07E-03	2.09E-04	ND	ND
	Rabbitbrush	OCDF	1.49E-03	4.72E-05	1.25E-06	2.49E-06	2.49E-06	1.60E-03	4.50E-05	4.90E-04	3.33E-05	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
42 (cont.)	Rabbitbrush	TOTAL HpCDD	1.94E-02	6.14E-04	1.62E-05	3.24E-05	3.24E-05	2.07E+00	5.85E-02	6.36E-01	4.33E-02	ND	ND
	Rabbitbrush	TOTAL HpCDF	4.46E-03	1.41E-04	3.74E-06	7.46E-06	7.46E-06	4.78E-01	1.35E-02	1.47E-01	9.97E-03	ND	ND
	Rabbitbrush	TOTAL HxCDD	3.95E-02	1.25E-03	3.31E-05	6.60E-05	6.60E-05	4.23E-01	1.19E-02	1.30E-01	8.82E-03	ND	ND
	Rabbitbrush	TOTAL HxCDF	4.01E-02	1.27E-03	3.36E-05	6.69E-05	6.69E-05	4.29E-01	1.21E-02	1.31E-01	8.94E-03	ND	ND
	Rabbitbrush	TOTAL PeCDD	1.67E-01	5.29E-03	1.40E-04	2.81E-04	2.81E-04	3.59E-01	1.01E-02	1.10E-01	7.49E-03	ND	ND
	Rabbitbrush	TOTAL PeCDF	1.41E-01	4.46E-03	1.18E-04	2.37E-04	2.37E-04	3.03E-01	8.54E-03	9.29E-02	6.32E-03	ND	ND
	Rabbitbrush	TOTAL TCDD	1.94E-01	6.15E-03	1.63E-04	3.24E-04	3.24E-04	2.08E-01	5.86E-03	6.37E-02	4.33E-03	ND	ND
	Rabbitbrush	TOTAL TCDF	1.02E-01	3.22E-03	8.52E-05	1.70E-04	1.70E-04	1.09E-01	3.07E-03	3.34E-02	2.27E-03	ND	ND
	Sweetclover	1234678-HpCDD	1.08E-02	3.42E-04	9.05E-06	1.80E-05	1.80E-05	1.16E-02	3.26E-04	3.54E-03	2.41E-04	ND	ND
	Sweetclover	1234678-HpCDF	4.49E-03	1.42E-04	3.76E-06	7.51E-06	7.51E-06	4.81E-03	1.36E-04	1.47E-03	1.00E-04	ND	ND
	Sweetclover	123478-HxCDD	7.32E-02	2.32E-03	6.13E-05	1.22E-04	1.22E-04	7.83E-02	2.21E-03	2.40E-02	1.63E-03	ND	ND
	Sweetclover	123478-HxCDF	2.32E-04	7.34E-06	1.94E-07	3.87E-07	3.87E-07	2.48E-04	7.00E-06	7.61E-05	5.18E-06	ND	ND
	Sweetclover	1234789-HpCDF	7.36E-04	2.33E-05	6.16E-07	1.23E-06	1.23E-06	7.88E-04	2.22E-05	2.41E-04	1.64E-05	ND	ND
	Sweetclover	123678-HxCDD	6.12E-02	1.94E-03	5.12E-05	1.02E-04	1.02E-04	6.55E-02	1.85E-03	2.01E-02	1.37E-03	ND	ND
	Sweetclover	123678-HxCDF	3.27E-04	1.03E-05	2.74E-07	5.46E-07	5.46E-07	3.50E-04	9.86E-06	1.07E-04	7.29E-06	ND	ND
	Sweetclover	12378-PeCDD	2.85E-01	9.02E-03	2.39E-04	4.79E-04	4.79E-04	3.06E-01	8.63E-03	9.39E-02	6.38E-03	ND	ND
	Sweetclover	12378-PeCDF	1.68E-02	5.32E-04	1.41E-05	2.82E-05	2.82E-05	1.80E-02	5.09E-04	5.53E-03	3.76E-04	ND	ND
	Sweetclover	123789-HxCDD	6.63E-04	2.10E-05	5.55E-07	1.11E-06	1.11E-06	7.09E-04	2.00E-05	2.18E-04	1.48E-05	ND	ND
	Sweetclover	123789-HxCDF	4.39E-04	1.39E-05	3.68E-07	7.33E-07	7.33E-07	4.70E-04	1.32E-05	1.44E-04	9.80E-06	ND	ND
	Sweetclover	234678-HxCDF	3.08E-02	9.74E-04	2.58E-05	5.14E-05	5.14E-05	3.29E-02	9.28E-04	1.01E-02	6.87E-04	ND	ND
	Sweetclover	23478-PeCDF	1.62E-01	5.14E-03	1.36E-04	2.73E-04	2.73E-04	1.74E-01	4.91E-03	5.34E-02	3.63E-03	ND	ND
	Sweetclover	2378-TCDD	4.36E-01	1.38E-02	3.65E-04	7.28E-04	7.28E-04	4.66E-01	1.32E-02	1.43E-01	9.73E-03	ND	ND
	Sweetclover	2378-TCDF	4.38E-02	1.39E-03	3.67E-05	7.31E-05	7.31E-05	6.24E-02	1.32E-03	1.44E-02	9.77E-04	ND	ND
	Sweetclover	OCDD	4.55E-02	1.44E-03	3.81E-05	7.60E-05	7.60E-05	4.87E-02	1.37E-03	1.49E-02	1.02E-03	ND	ND
	Sweetclover	OCDF	1.71E-03	5.41E-05	1.43E-06	2.85E-06	2.85E-06	1.83E-03	5.15E-05	5.60E-04	3.81E-05	ND	ND
	Sweetclover	TOTAL HpCDD	2.15E-02	6.80E-04	1.80E-05	3.59E-05	3.59E-05	2.30E+00	6.48E-02	7.05E-01	4.80E-02	ND	ND
	Sweetclover	TOTAL HpCDF	4.55E-03	1.44E-04	3.81E-06	7.59E-06	7.59E-06	4.87E-01	1.37E-02	1.49E-01	1.01E-02	ND	ND
	Sweetclover	TOTAL HxCDD	6.65E-02	2.11E-03	5.57E-05	1.11E-04	1.11E-04	7.12E-01	2.01E-02	2.18E-01	1.48E-02	ND	ND
	Sweetclover	TOTAL HxCDF	5.65E-02	1.79E-03	4.73E-05	9.44E-05	9.44E-05	6.05E-01	1.71E-02	1.85E-01	1.26E-02	ND	ND
	Sweetclover	TOTAL PeCDD	2.85E-01	9.02E-03	2.39E-04	4.79E-04	4.79E-04	6.12E-01	1.73E-02	1.88E-01	1.28E-02	ND	ND
	Sweetclover	TOTAL PeCDF	1.42E-01	4.51E-03	1.19E-04	2.39E-04	2.39E-04	3.06E-01	8.62E-03	9.37E-02	6.38E-03	ND	ND
	Sweetclover	TOTAL TCDD	4.84E-01	1.53E-02	4.05E-04	8.08E-04	8.08E-04	5.18E-01	1.46E-02	1.59E-01	1.08E-02	ND	ND
	Sweetclover	TOTAL TCDF	1.17E-01	3.72E-03	9.84E-05	1.96E-04	1.96E-04	1.26E-01	3.54E-03	3.85E-02	2.62E-03	ND	ND
45	Gumweed	1234678-HpCDD	1.85E-02	8.15E-05	2.16E-06	4.30E-06	4.30E-06	1.98E-02	7.77E-05	8.45E-04	5.75E-05	ND	ND
	Gumweed	1234678-HpCDF	6.59E-03	2.90E-05	7.66E-07	1.53E-06	1.53E-06	7.05E-03	2.76E-05	3.00E-04	2.04E-05	ND	ND
	Gumweed	123478-HxCDD	1.73E-02	7.60E-05	2.01E-06	4.01E-06	4.01E-06	1.85E-02	7.24E-05	7.87E-04	5.36E-05	ND	ND
	Gumweed	123478-HxCDF	8.92E-05	3.92E-07	1.04E-08	2.07E-08	2.07E-08	9.55E-05	3.74E-07	4.07E-06	2.77E-07	ND	ND
	Gumweed	1234789-HpCDF	1.97E-04	8.68E-07	2.30E-08	4.58E-08	4.58E-08	2.11E-04	8.27E-07	8.99E-06	6.12E-07	ND	ND
	Gumweed	123678-HxCDD	1.44E-02	6.33E-05	1.68E-06	3.34E-06	3.34E-06	1.54E-02	6.04E-05	6.57E-04	4.47E-05	ND	ND
	Gumweed	123678-HxCDF	7.15E-05	3.14E-07	8.32E-09	1.66E-08	1.66E-08	7.65E-05	3.00E-07	3.26E-06	2.22E-07	ND	ND
	Gumweed	12378-PeCDD	6.00E-02	2.64E-04	6.99E-06	1.40E-05	1.40E-05	6.44E-02	2.53E-04	2.75E-03	1.87E-04	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
45 (cont.)	Gumweed	12378-PeCDF	3.41E-03	1.50E-05	3.96E-07	7.95E-07	7.95E-07	3.65E-03	1.43E-05	1.56E-04	1.06E-05	ND	ND
	Gumweed	123789-HxCDD	1.57E-04	6.89E-07	1.82E-08	3.63E-08	3.63E-08	1.68E-04	6.56E-07	7.14E-06	4.85E-07	ND	ND
	Gumweed	123789-HxCDF	9.60E-05	4.22E-07	1.12E-08	2.23E-08	2.23E-08	1.03E-04	4.03E-07	4.38E-06	2.98E-07	ND	ND
	Gumweed	234678-HxCDF	1.76E-02	7.76E-05	2.05E-06	4.09E-06	4.09E-06	1.89E-02	7.39E-05	8.04E-04	5.47E-05	ND	ND
	Gumweed	23478-PeCDF	3.28E-02	1.44E-04	3.81E-06	7.65E-06	7.65E-06	3.51E-02	1.38E-04	1.50E-03	1.02E-04	ND	ND
	Gumweed	2378-TCDD	5.64E-02	2.48E-04	6.56E-06	1.31E-05	1.31E-05	6.03E-02	2.36E-04	2.57E-03	1.75E-04	ND	ND
	Gumweed	2378-TCDF	9.41E-02	4.14E-04	1.09E-05	2.18E-05	2.18E-05	1.34E-01	3.94E-04	4.29E-03	2.92E-04	ND	ND
	Gumweed	OCDD	1.10E-02	4.86E-05	1.28E-06	2.56E-06	2.56E-06	1.18E-02	4.63E-05	5.03E-04	3.42E-05	ND	ND
	Gumweed	OCDF	9.20E-04	4.05E-06	1.07E-07	2.13E-07	2.13E-07	9.85E-04	3.86E-06	4.19E-05	2.85E-06	ND	ND
	Gumweed	TOTAL HpCDD	3.96E-02	1.74E-04	4.60E-06	9.18E-06	9.18E-06	4.24E+00	1.66E-02	1.80E-01	1.23E-02	ND	ND
	Gumweed	TOTAL HpCDF	6.59E-03	2.90E-05	7.66E-07	1.53E-06	1.53E-06	7.05E-01	2.76E-03	3.00E-02	2.04E-03	ND	ND
	Gumweed	TOTAL HxCDD	3.96E-02	1.74E-04	4.61E-06	9.20E-06	9.20E-06	4.24E-01	1.66E-03	1.81E-02	1.23E-03	ND	ND
	Gumweed	TOTAL HxCDF	3.53E-02	1.55E-04	4.10E-06	8.18E-06	8.18E-06	3.78E-01	1.48E-03	1.61E-02	1.09E-03	ND	ND
	Gumweed	TOTAL PeCDD	6.00E-02	2.64E-04	6.99E-06	1.40E-05	1.40E-05	1.29E-01	5.05E-04	5.49E-03	3.74E-04	ND	ND
	Gumweed	TOTAL PeCDF	3.22E-01	1.41E-03	3.74E-05	7.51E-05	7.51E-05	6.91E-01	2.71E-03	2.94E-02	2.00E-03	ND	ND
	Gumweed	TOTAL TCDD	3.52E-01	1.55E-03	4.09E-05	8.16E-05	8.16E-05	3.77E-01	1.47E-03	1.60E-02	1.09E-03	ND	ND
	Gumweed	TOTAL TCDF	1.86E-01	8.19E-04	2.17E-05	4.32E-05	4.32E-05	1.99E-01	7.80E-04	8.48E-03	5.77E-04	ND	ND
	Jackrabbit	1234678-HpCDD	1.04E-01	4.60E-04	1.22E-05	2.42E-05	2.42E-05	1.12E-01	4.38E-04	4.76E-03	3.24E-04	ND	ND
	Jackrabbit	1234678-HpCDF	2.83E-02	1.24E-04	3.29E-06	6.56E-06	6.56E-06	3.03E-02	1.19E-04	1.29E-03	8.77E-05	ND	ND
	Jackrabbit	123478-HxCDD	2.35E-02	1.03E-04	2.73E-06	5.45E-06	5.45E-06	2.52E-02	9.85E-05	1.07E-03	7.29E-05	ND	ND
	Jackrabbit	123478-HxCDF	2.52E-04	1.11E-06	2.93E-08	5.84E-08	5.84E-08	2.69E-04	1.06E-06	1.15E-05	7.80E-07	ND	ND
	Jackrabbit	1234789-HpCDF	1.85E-04	8.14E-07	2.15E-08	4.29E-08	4.29E-08	1.98E-04	7.76E-07	8.43E-06	5.74E-07	ND	ND
	Jackrabbit	123678-HxCDD	4.58E-02	2.02E-04	5.33E-06	1.06E-05	1.06E-05	4.90E-02	1.92E-04	2.09E-03	1.42E-04	ND	ND
	Jackrabbit	123678-HxCDF	1.57E-04	6.89E-07	1.82E-08	3.64E-08	3.64E-08	1.68E-04	6.57E-07	7.14E-06	4.86E-07	ND	ND
	Jackrabbit	12378-PeCDD	5.39E-02	2.37E-04	6.27E-06	1.26E-05	1.26E-05	5.78E-02	2.27E-04	2.47E-03	1.68E-04	ND	ND
	Jackrabbit	12378-PeCDF	6.91E-03	3.04E-05	8.05E-07	1.62E-06	1.62E-06	7.42E-03	2.91E-05	3.16E-04	2.15E-05	ND	ND
	Jackrabbit	123789-HxCDD	3.15E-04	1.38E-06	3.66E-08	7.31E-08	7.31E-08	3.37E-04	1.32E-06	1.44E-05	9.76E-07	ND	ND
	Jackrabbit	123789-HxCDF	1.92E-04	8.42E-07	2.23E-08	4.44E-08	4.44E-08	2.05E-04	8.03E-07	8.73E-06	5.94E-07	ND	ND
	Jackrabbit	234678-HxCDF	4.62E-02	2.03E-04	5.38E-06	1.07E-05	1.07E-05	4.95E-02	1.94E-04	2.11E-03	1.43E-04	ND	ND
	Jackrabbit	23478-PeCDF	4.13E-02	1.81E-04	4.80E-06	9.64E-06	9.64E-06	4.43E-02	1.74E-04	1.89E-03	1.28E-04	ND	ND
	Jackrabbit	2378-TCDD	1.35E-01	5.94E-04	1.57E-05	3.14E-05	3.14E-05	1.45E-01	5.67E-04	6.16E-03	4.19E-04	ND	ND
	Jackrabbit	2378-TCDF	6.39E-03	2.81E-05	7.43E-07	1.48E-06	1.48E-06	9.11E-03	2.68E-05	2.91E-04	1.98E-05	ND	ND
	Jackrabbit	OCDD	6.33E-02	2.78E-04	7.36E-06	1.47E-05	1.47E-05	6.77E-02	2.65E-04	2.88E-03	1.96E-04	ND	ND
	Jackrabbit	OCDF	3.81E-03	1.68E-05	4.44E-07	8.85E-07	8.85E-07	4.08E-03	1.60E-05	1.74E-04	1.18E-05	ND	ND
	Jackrabbit	TOTAL HpCDD	1.08E-01	4.74E-04	1.25E-05	2.50E-05	2.50E-05	1.15E+01	4.52E-02	4.91E-01	3.34E-02	ND	ND
	Jackrabbit	TOTAL HpCDF	3.17E-02	1.40E-04	3.69E-06	7.36E-06	7.36E-06	3.40E+00	1.33E-02	1.45E-01	9.84E-03	ND	ND
	Jackrabbit	TOTAL HxCDD	8.58E-02	3.77E-04	9.98E-06	1.99E-05	1.99E-05	9.18E-01	3.60E-03	3.91E-02	2.66E-03	ND	ND
	Jackrabbit	TOTAL HxCDF	9.59E-02	4.22E-04	1.12E-05	2.22E-05	2.22E-05	1.03E+00	4.02E-03	4.37E-02	2.97E-03	ND	ND
	Jackrabbit	TOTAL PeCDD	5.39E-02	2.37E-04	6.27E-06	1.26E-05	1.26E-05	1.16E-01	4.53E-04	4.93E-03	3.35E-04	ND	ND
	Jackrabbit	TOTAL PeCDF	4.37E-02	1.92E-04	5.09E-06	1.02E-05	1.02E-05	9.39E-02	3.68E-04	4.00E-03	2.72E-04	ND	ND
	Jackrabbit	TOTAL TCDD	6.79E-02	2.99E-04	7.90E-06	1.57E-05	1.57E-05	7.27E-02	2.85E-04	3.09E-03	2.10E-04	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
45 (cont.)	Jackrabbit	TOTAL TCDF	6.39E-03	2.81E-05	7.43E-07	1.48E-06	1.48E-06	6.84E-03	2.68E-05	2.91E-04	1.98E-05	ND	ND
	Rabbitbrush	1234678-HpCDD	3.17E-03	1.39E-05	3.68E-07	7.34E-07	7.34E-07	3.39E-03	1.33E-05	1.44E-04	9.81E-06	ND	ND
	Rabbitbrush	1234678-HpCDF	1.05E-03	4.64E-06	1.23E-07	2.45E-07	2.45E-07	1.13E-03	4.42E-06	4.80E-05	3.27E-06	ND	ND
	Rabbitbrush	123478-HxCDD	1.71E-02	7.53E-05	1.99E-06	3.97E-06	3.97E-06	1.83E-02	7.18E-05	7.80E-04	5.31E-05	ND	ND
	Rabbitbrush	123478-HxCDF	7.98E-05	3.51E-07	9.29E-09	1.85E-08	1.85E-08	8.55E-05	3.35E-07	3.64E-06	2.48E-07	ND	ND
	Rabbitbrush	1234789-HpCDF	1.73E-04	7.60E-07	2.01E-08	4.01E-08	4.01E-08	1.85E-04	7.24E-07	7.87E-06	5.36E-07	ND	ND
	Rabbitbrush	123678-HxCDD	1.43E-02	6.29E-05	1.66E-06	3.32E-06	3.32E-06	1.53E-02	5.99E-05	6.52E-04	4.43E-05	ND	ND
	Rabbitbrush	123678-HxCDF	6.37E-05	2.80E-07	7.41E-09	1.48E-08	1.48E-08	6.81E-05	2.67E-07	2.90E-06	1.97E-07	ND	ND
	Rabbitbrush	12378-PeCDD	5.33E-02	2.34E-04	6.20E-06	1.24E-05	1.24E-05	5.72E-02	2.24E-04	2.44E-03	1.66E-04	ND	ND
	Rabbitbrush	12378-PeCDF	2.73E-03	1.20E-05	3.18E-07	6.38E-07	6.38E-07	2.93E-03	1.15E-05	1.25E-04	8.49E-06	ND	ND
	Rabbitbrush	123789-HxCDD	1.55E-04	6.82E-07	1.80E-08	3.60E-08	3.60E-08	1.66E-04	6.50E-07	7.06E-06	4.81E-07	ND	ND
	Rabbitbrush	123789-HxCDF	8.56E-05	3.76E-07	9.96E-09	1.99E-08	1.99E-08	9.16E-05	3.59E-07	3.90E-06	2.65E-07	ND	ND
	Rabbitbrush	234678-HxCDF	1.60E-02	7.03E-05	1.86E-06	3.71E-06	3.71E-06	1.71E-02	6.70E-05	7.28E-04	4.95E-05	ND	ND
	Rabbitbrush	23478-PeCDF	2.63E-02	1.15E-04	3.05E-06	6.13E-06	6.13E-06	2.82E-02	1.10E-04	1.20E-03	8.17E-05	ND	ND
	Rabbitbrush	2378-TCDD	4.64E-02	2.04E-04	5.40E-06	1.08E-05	1.08E-05	4.97E-02	1.95E-04	2.12E-03	1.44E-04	ND	ND
	Rabbitbrush	2378-TCDF	2.92E-02	1.28E-04	3.39E-06	6.77E-06	6.77E-06	4.16E-02	1.22E-04	1.33E-03	9.04E-05	ND	ND
	Rabbitbrush	OCDD	1.60E-03	7.06E-06	1.87E-07	3.72E-07	3.72E-07	1.72E-03	6.73E-06	7.31E-05	4.98E-06	ND	ND
	Rabbitbrush	OCDF	3.40E-04	1.50E-06	3.96E-08	7.89E-08	7.89E-08	3.64E-04	1.43E-06	1.55E-05	1.05E-06	ND	ND
	Rabbitbrush	TOTAL HpCDD	5.64E-03	2.48E-05	6.57E-07	1.31E-06	1.31E-06	6.04E-01	2.37E-03	2.57E-02	1.75E-03	ND	ND
	Rabbitbrush	TOTAL HpCDF	1.31E-03	5.76E-06	1.52E-07	3.04E-07	3.04E-07	1.40E-01	5.49E-04	5.97E-03	4.06E-04	ND	ND
	Rabbitbrush	TOTAL HxCDD	1.55E-02	6.84E-05	1.81E-06	3.61E-06	3.61E-06	1.66E-01	6.52E-04	7.09E-03	4.82E-04	ND	ND
	Rabbitbrush	TOTAL HxCDF	2.25E-02	9.88E-05	2.61E-06	5.21E-06	5.21E-06	2.41E-01	9.42E-04	1.02E-02	6.97E-04	ND	ND
	Rabbitbrush	TOTAL PeCDD	5.33E-02	2.34E-04	6.20E-06	1.24E-05	1.24E-05	1.15E-01	4.48E-04	4.88E-03	3.32E-04	ND	ND
	Rabbitbrush	TOTAL PeCDF	8.09E-02	3.56E-04	9.41E-06	1.89E-05	1.89E-05	1.74E-01	6.81E-04	7.40E-03	5.03E-04	ND	ND
	Rabbitbrush	TOTAL TCDD	1.58E-01	6.94E-04	1.84E-05	3.66E-05	3.66E-05	1.69E-01	6.61E-04	7.19E-03	4.89E-04	ND	ND
	Rabbitbrush	TOTAL TCDF	1.23E-01	5.41E-04	1.43E-05	2.85E-05	2.85E-05	1.32E-01	5.15E-04	5.60E-03	3.81E-04	ND	ND
	Sweetclover	1234678-HpCDD	6.90E-03	3.03E-05	8.03E-07	1.60E-06	1.60E-06	7.38E-03	2.89E-05	3.14E-04	2.14E-05	ND	ND
	Sweetclover	1234678-HpCDF	2.92E-03	1.28E-05	3.39E-07	6.77E-07	6.77E-07	3.12E-03	1.22E-05	1.33E-04	9.04E-06	ND	ND
	Sweetclover	123478-HxCDD	4.36E-02	1.92E-04	5.07E-06	1.01E-05	1.01E-05	4.66E-02	1.83E-04	1.99E-03	1.35E-04	ND	ND
	Sweetclover	123478-HxCDF	2.13E-04	9.39E-07	2.48E-08	4.95E-08	4.95E-08	2.28E-04	8.95E-07	9.73E-06	6.62E-07	ND	ND
	Sweetclover	1234789-HpCDF	4.78E-04	2.10E-06	5.56E-08	1.11E-07	1.11E-07	5.12E-04	2.00E-06	2.18E-05	1.48E-06	ND	ND
	Sweetclover	123678-HxCDD	3.64E-02	1.60E-04	4.24E-06	8.45E-06	8.45E-06	3.90E-02	1.53E-04	1.66E-03	1.13E-04	ND	ND
	Sweetclover	123678-HxCDF	1.70E-04	7.48E-07	1.98E-08	3.95E-08	3.95E-08	1.82E-04	7.13E-07	7.75E-06	5.27E-07	ND	ND
	Sweetclover	12378-PeCDD	1.33E-01	5.87E-04	1.55E-05	3.11E-05	3.11E-05	1.43E-01	5.61E-04	6.10E-03	4.15E-04	ND	ND
	Sweetclover	12378-PeCDF	6.55E-03	2.88E-05	7.62E-07	1.53E-06	1.53E-06	7.03E-03	2.76E-05	3.00E-04	2.04E-05	ND	ND
	Sweetclover	123789-HxCDD	3.95E-04	1.74E-06	4.60E-08	9.16E-08	9.16E-08	4.23E-04	1.66E-06	1.80E-05	1.22E-06	ND	ND
	Sweetclover	123789-HxCDF	2.29E-04	1.01E-06	2.66E-08	5.30E-08	5.30E-08	2.45E-04	9.58E-07	1.04E-05	7.09E-07	ND	ND
	Sweetclover	234678-HxCDF	2.98E-02	1.31E-04	3.47E-06	6.92E-06	6.92E-06	3.19E-02	1.25E-04	1.36E-03	9.24E-05	ND	ND
	Sweetclover	23478-PeCDF	6.34E-02	2.79E-04	7.38E-06	1.48E-05	1.48E-05	6.80E-02	2.67E-04	2.90E-03	1.97E-04	ND	ND
	Sweetclover	2378-TCDD	1.29E-01	5.67E-04	1.50E-05	2.99E-05	2.99E-05	1.38E-01	5.40E-04	5.88E-03	4.00E-04	ND	ND
	Sweetclover	2378-TCDF	2.86E-02	1.26E-04	3.33E-06	6.64E-06	6.64E-06	4.08E-02	1.20E-04	1.30E-03	8.88E-05	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
45 (cont.)	Sweetclover	OCDD	2.12E-02	9.30E-05	2.46E-06	4.91E-06	4.91E-06	2.26E-02	8.87E-05	9.64E-04	6.56E-05	ND	ND
	Sweetclover	OCDF	9.72E-04	4.27E-06	1.13E-07	2.25E-07	2.25E-07	1.04E-03	4.07E-06	4.43E-05	3.01E-06	ND	ND
	Sweetclover	TOTAL HpCDD	6.90E-03	3.03E-05	8.03E-07	1.60E-06	1.60E-06	7.38E-01	2.89E-03	3.14E-02	2.14E-03	ND	ND
	Sweetclover	TOTAL HpCDF	3.82E-03	1.68E-05	4.45E-07	8.86E-07	8.86E-07	4.09E-01	1.60E-03	1.74E-02	1.18E-03	ND	ND
	Sweetclover	TOTAL HxCDD	3.96E-02	1.74E-04	4.61E-06	9.19E-06	9.19E-06	4.24E-01	1.66E-03	1.81E-02	1.23E-03	ND	ND
	Sweetclover	TOTAL HxCDF	6.18E-02	2.72E-04	7.19E-06	1.43E-05	1.43E-05	6.61E-01	2.59E-03	2.81E-02	1.91E-03	ND	ND
	Sweetclover	TOTAL PeCDD	1.33E-01	5.87E-04	1.55E-05	3.11E-05	3.11E-05	2.87E-01	1.12E-03	1.22E-02	8.30E-04	ND	ND
	Sweetclover	TOTAL PeCDF	6.45E-02	2.84E-04	7.50E-06	1.51E-05	1.51E-05	1.39E-01	5.43E-04	5.90E-03	4.01E-04	ND	ND
	Sweetclover	TOTAL TCDD	1.29E-01	5.67E-04	1.50E-05	2.99E-05	2.99E-05	1.38E-01	5.40E-04	5.88E-03	4.00E-04	ND	ND
	Sweetclover	TOTAL TCDF	5.73E-02	2.52E-04	6.66E-06	1.33E-05	1.33E-05	6.13E-02	2.40E-04	2.61E-03	1.78E-04	ND	ND
RSA	Gumweed	1234678-HpCDD	1.58E-02	3.31E-03	1.18E-03	2.35E-03	2.35E-03	1.69E-02	2.65E-03	7.43E-03	2.40E-02	ND	ND
	Gumweed	1234678-HpCDF	7.64E-03	1.60E-03	5.69E-04	1.13E-03	1.13E-03	8.18E-03	1.28E-03	3.59E-03	1.16E-02	ND	ND
	Gumweed	123478-HxCDD	1.22E-01	2.56E-02	9.11E-03	1.82E-02	1.82E-02	1.31E-01	2.05E-02	5.74E-02	1.85E-01	ND	ND
	Gumweed	123478-HxCDF	6.57E-04	1.37E-04	4.90E-05	9.76E-05	9.76E-05	7.04E-04	1.10E-04	3.09E-04	9.95E-04	ND	ND
	Gumweed	1234789-HpCDF	1.25E-03	2.61E-04	9.32E-05	1.86E-04	1.86E-04	1.34E-03	2.10E-04	5.88E-04	1.89E-03	ND	ND
	Gumweed	123678-HxCDD	1.02E-01	2.14E-02	7.62E-03	1.52E-02	1.52E-02	1.09E-01	1.72E-02	4.80E-02	1.55E-01	ND	ND
	Gumweed	123678-HxCDF	5.24E-04	1.10E-04	3.91E-05	7.79E-05	7.79E-05	5.61E-04	8.79E-05	2.46E-04	7.94E-04	ND	ND
	Gumweed	12378-PeCDD	4.24E-01	8.85E-02	3.16E-02	6.33E-02	6.33E-02	4.55E-01	7.13E-02	2.00E-01	6.44E-01	ND	ND
	Gumweed	12378-PeCDF	1.51E-02	3.15E-03	1.12E-03	2.25E-03	2.25E-03	1.62E-02	2.53E-03	7.10E-03	2.29E-02	ND	ND
	Gumweed	123789-HxCDD	1.11E-03	2.32E-04	8.26E-05	1.65E-04	1.65E-04	1.19E-03	1.86E-04	5.21E-04	1.68E-03	ND	ND
	Gumweed	123789-HxCDF	7.04E-04	1.47E-04	5.24E-05	1.05E-04	1.05E-04	7.53E-04	1.18E-04	3.31E-04	1.07E-03	ND	ND
	Gumweed	234678-HxCDF	6.31E-02	1.32E-02	4.70E-03	9.37E-03	9.37E-03	6.75E-02	1.06E-02	2.96E-02	9.55E-02	ND	ND
	Gumweed	23478-PeCDF	1.56E-01	3.25E-02	1.16E-02	2.32E-02	2.32E-02	1.67E-01	2.62E-02	7.33E-02	2.36E-01	ND	ND
	Gumweed	2378-TCDD	5.11E-01	1.07E-01	3.80E-02	7.59E-02	7.59E-02	5.47E-01	8.57E-02	2.40E-01	7.73E-01	ND	ND
	Gumweed	2378-TCDF	6.57E-02	1.37E-02	4.89E-03	9.76E-03	9.76E-03	9.37E-02	1.10E-02	3.08E-02	9.95E-02	ND	ND
	Gumweed	OCDD	2.61E-03	5.45E-04	1.94E-04	3.87E-04	3.87E-04	2.79E-03	4.37E-04	1.22E-03	3.95E-03	ND	ND
	Gumweed	OCDF	1.16E-03	2.42E-04	8.62E-05	1.72E-04	1.72E-04	1.24E-03	1.94E-04	5.44E-04	1.75E-03	ND	ND
	Gumweed	TOTAL HpCDD	1.04E-02	2.17E-03	7.73E-04	1.54E-03	1.54E-03	1.11E+00	1.74E-01	4.87E-01	1.57E+00	ND	ND
	Gumweed	TOTAL HpCDF	9.49E-03	1.98E-03	7.06E-04	1.41E-03	1.41E-03	1.02E+00	1.59E-01	4.45E-01	1.44E+00	ND	ND
	Gumweed	TOTAL HxCDD	1.11E-01	2.32E-02	8.28E-03	1.65E-02	1.65E-02	1.19E+00	1.86E-01	5.22E-01	1.68E+00	ND	ND
	Gumweed	TOTAL HxCDF	4.14E-02	8.64E-03	3.08E-03	6.14E-03	6.14E-03	4.43E-01	6.93E-02	1.94E-01	6.26E-01	ND	ND
	Gumweed	TOTAL PeCDD	4.24E-01	8.85E-02	3.16E-02	6.33E-02	6.33E-02	9.10E-01	1.43E-01	3.99E-01	1.29E+00	ND	ND
	Gumweed	TOTAL PeCDF	2.34E-01	4.90E-02	1.74E-02	3.50E-02	3.50E-02	5.04E-01	7.89E-02	2.21E-01	7.12E-01	ND	ND
	Gumweed	TOTAL TCDD	3.14E-01	6.56E-02	2.34E-02	4.66E-02	4.66E-02	3.36E-01	5.26E-02	1.47E-01	4.75E-01	ND	ND
	Gumweed	TOTAL TCDF	1.31E-01	2.73E-02	9.75E-03	1.94E-02	1.94E-02	1.40E-01	2.20E-02	6.15E-02	1.98E-01	ND	ND
	Jackrabbit	1234678-HpCDD	5.86E-03	1.22E-03	4.36E-04	8.70E-04	8.70E-04	6.27E-03	9.83E-04	2.75E-03	8.87E-03	ND	ND
	Jackrabbit	1234678-HpCDF	2.17E-03	4.54E-04	1.62E-04	3.22E-04	3.22E-04	2.32E-03	3.64E-04	1.02E-03	3.29E-03	ND	ND
	Jackrabbit	123478-HxCDD	5.12E-02	1.07E-02	3.81E-03	7.60E-03	7.60E-03	5.48E-02	8.58E-03	2.40E-02	7.75E-02	ND	ND
	Jackrabbit	123478-HxCDF	3.33E-04	6.97E-05	2.48E-05	4.95E-05	4.95E-05	3.57E-04	5.59E-05	1.57E-04	5.05E-04	ND	ND
	Jackrabbit	1234789-HpCDF	6.51E-04	1.36E-04	4.85E-05	9.67E-05	9.67E-05	6.97E-04	1.09E-04	3.06E-04	9.86E-04	ND	ND
	Jackrabbit	123678-HxCDD	4.21E-02	8.79E-03	3.13E-03	6.25E-03	6.25E-03	4.50E-02	7.05E-03	1.97E-02	6.37E-02	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Jackrabbit	123678-HxCDF	2.50E-04	5.23E-05	1.87E-05	3.72E-05	3.72E-05	2.68E-04	4.20E-05	1.18E-04	3.79E-04	ND	ND
	Jackrabbit	12378-PeCDD	2.54E-01	5.31E-02	1.89E-02	3.80E-02	3.80E-02	2.72E-01	4.27E-02	1.20E-01	3.86E-01	ND	ND
	Jackrabbit	12378-PeCDF	1.56E-02	3.26E-03	1.16E-03	2.34E-03	2.34E-03	1.68E-02	2.63E-03	7.36E-03	2.37E-02	ND	ND
	Jackrabbit	123789-HxCDD	3.69E-04	7.72E-05	2.75E-05	5.49E-05	5.49E-05	3.95E-04	6.20E-05	1.73E-04	5.59E-04	ND	ND
	Jackrabbit	123789-HxCDF	3.36E-04	7.02E-05	2.50E-05	4.99E-05	4.99E-05	3.60E-04	5.64E-05	1.58E-04	5.09E-04	ND	ND
	Jackrabbit	234678-HxCDF	3.15E-02	6.57E-03	2.34E-03	4.67E-03	4.67E-03	3.37E-02	5.28E-03	1.48E-02	4.76E-02	ND	ND
	Jackrabbit	23478-PeCDF	1.57E-01	3.29E-02	1.17E-02	2.35E-02	2.35E-02	1.69E-01	2.65E-02	7.41E-02	2.39E-01	ND	ND
	Jackrabbit	2378-TCDD	2.92E-01	6.11E-02	2.18E-02	4.34E-02	4.34E-02	3.13E-01	4.90E-02	1.37E-01	4.42E-01	ND	ND
	Jackrabbit	2378-TCDF	2.43E-02	5.08E-03	1.81E-03	3.61E-03	3.61E-03	3.47E-02	4.08E-03	1.14E-02	3.68E-02	ND	ND
	Jackrabbit	OCDD	5.31E-04	1.11E-04	3.95E-05	7.88E-05	7.88E-05	5.68E-04	8.90E-05	2.49E-04	8.03E-04	ND	ND
	Jackrabbit	OCDF	7.72E-04	1.61E-04	5.75E-05	1.15E-04	1.15E-04	8.26E-04	1.29E-04	3.62E-04	1.17E-03	ND	ND
	Jackrabbit	TOTAL HpCDD	5.86E-03	1.22E-03	4.36E-04	8.70E-04	8.70E-04	6.27E-01	9.83E-02	2.75E-01	8.87E-01	ND	ND
	Jackrabbit	TOTAL HpCDF	2.63E-03	5.50E-04	1.96E-04	3.91E-04	3.91E-04	2.82E-01	4.41E-02	1.24E-01	3.98E-01	ND	ND
	Jackrabbit	TOTAL HxCDD	4.26E-02	8.91E-03	3.17E-03	6.33E-03	6.33E-03	4.56E-01	7.15E-02	2.00E-01	6.45E-01	ND	ND
	Jackrabbit	TOTAL HxCDF	1.72E-02	3.60E-03	1.28E-03	2.56E-03	2.56E-03	1.84E-01	2.89E-02	8.09E-02	2.61E-01	ND	ND
	Jackrabbit	TOTAL PeCDD	2.54E-01	5.31E-02	1.89E-02	3.80E-02	3.80E-02	5.46E-01	8.55E-02	2.39E-01	7.72E-01	ND	ND
	Jackrabbit	TOTAL PeCDF	8.09E-02	1.69E-02	6.02E-03	1.21E-02	1.21E-02	1.74E-01	2.72E-02	7.62E-02	2.46E-01	ND	ND
	Jackrabbit	TOTAL TCDD	2.92E-01	6.11E-02	2.18E-02	4.34E-02	4.34E-02	3.13E-01	4.90E-02	1.37E-01	4.42E-01	ND	ND
	Jackrabbit	TOTAL TCDF	2.19E-02	4.57E-03	1.63E-03	3.25E-03	3.25E-03	2.34E-02	3.67E-03	1.03E-02	3.31E-02	ND	ND
	Rabbitbrush	1234678-HpCDD	1.02E-02	2.13E-03	7.59E-04	1.51E-03	1.51E-03	1.09E-02	1.71E-03	4.78E-03	1.54E-02	ND	ND
	Rabbitbrush	1234678-HpCDF	6.78E-03	1.42E-03	5.05E-04	1.01E-03	1.01E-03	7.26E-03	1.14E-03	3.18E-03	1.03E-02	ND	ND
	Rabbitbrush	123478-HxCDD	1.07E-01	2.24E-02	8.00E-03	1.60E-02	1.60E-02	1.15E-01	1.80E-02	5.04E-02	1.63E-01	ND	ND
	Rabbitbrush	123478-HxCDF	3.29E-04	6.88E-05	2.45E-05	4.89E-05	4.89E-05	3.52E-04	5.52E-05	1.55E-04	4.98E-04	ND	ND
	Rabbitbrush	1234789-HpCDF	1.36E-03	2.83E-04	1.01E-04	2.01E-04	2.01E-04	1.45E-03	2.27E-04	6.37E-04	2.05E-03	ND	ND
	Rabbitbrush	123678-HxCDD	8.82E-02	1.84E-02	6.57E-03	1.31E-02	1.31E-02	9.44E-02	1.48E-02	4.14E-02	1.34E-01	ND	ND
	Rabbitbrush	123678-HxCDF	5.20E-04	1.09E-04	3.87E-05	7.73E-05	7.73E-05	5.57E-04	8.72E-05	2.44E-04	7.88E-04	ND	ND
	Rabbitbrush	12378-PeCDD	4.16E-01	8.70E-02	3.10E-02	6.23E-02	6.23E-02	4.47E-01	7.01E-02	1.96E-01	6.33E-01	ND	ND
	Rabbitbrush	12378-PeCDF	2.66E-02	5.56E-03	1.98E-03	3.98E-03	3.98E-03	2.85E-02	4.48E-03	1.25E-02	4.04E-02	ND	ND
	Rabbitbrush	123789-HxCDD	7.75E-04	1.62E-04	5.77E-05	1.15E-04	1.15E-04	8.30E-04	1.30E-04	3.64E-04	1.17E-03	ND	ND
	Rabbitbrush	123789-HxCDF	6.97E-04	1.46E-04	5.19E-05	1.04E-04	1.04E-04	7.46E-04	1.17E-04	3.27E-04	1.06E-03	ND	ND
	Rabbitbrush	234678-HxCDF	2.97E-02	6.21E-03	2.21E-03	4.42E-03	4.42E-03	3.18E-02	4.99E-03	1.40E-02	4.50E-02	ND	ND
	Rabbitbrush	23478-PeCDF	2.68E-01	5.60E-02	2.00E-02	4.01E-02	4.01E-02	2.88E-01	4.51E-02	1.26E-01	4.07E-01	ND	ND
	Rabbitbrush	2378-TCDD	3.75E-01	7.84E-02	2.79E-02	5.57E-02	5.57E-02	4.02E-01	6.29E-02	1.76E-01	5.68E-01	ND	ND
	Rabbitbrush	2378-TCDF	2.40E-02	5.02E-03	1.79E-03	3.57E-03	3.57E-03	3.42E-02	4.03E-03	1.13E-02	3.64E-02	ND	ND
	Rabbitbrush	OCDD	4.29E-03	8.96E-04	3.19E-04	6.37E-04	6.37E-04	4.59E-03	7.19E-04	2.01E-03	6.49E-03	ND	ND
	Rabbitbrush	OCDF	1.18E-03	2.46E-04	8.76E-05	1.75E-04	1.75E-04	1.26E-03	1.97E-04	5.52E-04	1.78E-03	ND	ND
	Rabbitbrush	TOTAL HpCDD	1.58E-02	3.29E-03	1.17E-03	2.34E-03	2.34E-03	1.69E+00	2.64E-01	7.40E-01	2.39E+00	ND	ND
	Rabbitbrush	TOTAL HpCDF	7.66E-03	1.60E-03	5.71E-04	1.14E-03	1.14E-03	8.20E-01	1.29E-01	3.60E-01	1.16E+00	ND	ND
	Rabbitbrush	TOTAL HxCDD	8.95E-02	1.87E-02	6.66E-03	1.33E-02	1.33E-02	9.58E-01	1.50E-01	4.20E-01	1.35E+00	ND	ND
	Rabbitbrush	TOTAL HxCDF	1.19E-01	2.50E-02	8.90E-03	1.77E-02	1.77E-02	1.28E+00	2.00E-01	5.61E-01	1.81E+00	ND	ND
	Rabbitbrush	TOTAL PeCDD	1.81E-01	3.78E-02	1.35E-02	2.71E-02	2.71E-02	3.89E-01	6.10E-02	1.71E-01	5.50E-01	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Rabbitbrush	TOTAL PeCDF	1.38E-01	2.88E-02	1.02E-02	2.06E-02	2.06E-02	2.96E-01	4.63E-02	1.30E-01	4.18E-01	ND	ND
	Rabbitbrush	TOTAL TCDD	2.12E-01	4.43E-02	1.58E-02	3.15E-02	3.15E-02	2.27E-01	3.55E-02	9.95E-02	3.21E-01	ND	ND
	Rabbitbrush	TOTAL TCDF	5.29E-02	1.11E-02	3.94E-03	7.86E-03	7.86E-03	5.67E-02	8.88E-03	2.49E-02	8.02E-02	ND	ND
	Sweetclover	1234678-HpCDD	9.75E-03	2.04E-03	7.26E-04	1.45E-03	1.45E-03	1.04E-02	1.63E-03	4.58E-03	1.48E-02	ND	ND
	Sweetclover	1234678-HpCDF	2.12E-02	4.43E-03	1.58E-03	3.15E-03	3.15E-03	2.27E-02	3.56E-03	9.96E-03	3.21E-02	ND	ND
	Sweetclover	123478-HxCDD	3.05E-02	6.37E-03	2.27E-03	4.53E-03	4.53E-03	3.27E-02	5.12E-03	1.43E-02	4.62E-02	ND	ND
	Sweetclover	123478-HxCDF	3.66E-04	7.66E-05	2.73E-05	5.44E-05	5.44E-05	3.92E-04	6.14E-05	1.72E-04	5.55E-04	ND	ND
	Sweetclover	1234789-HpCDF	4.53E-04	9.47E-05	3.38E-05	6.73E-05	6.73E-05	4.85E-04	7.60E-05	2.13E-04	6.87E-04	ND	ND
	Sweetclover	123678-HxCDD	3.00E-02	6.26E-03	2.23E-03	4.45E-03	4.45E-03	3.21E-02	5.03E-03	1.41E-02	4.54E-02	ND	ND
	Sweetclover	123678-HxCDF	1.98E-04	4.13E-05	1.47E-05	2.94E-05	2.94E-05	2.12E-04	3.31E-05	9.28E-05	2.99E-04	ND	ND
	Sweetclover	12378-PeCDD	1.83E-01	3.82E-02	1.36E-02	2.73E-02	2.73E-02	1.96E-01	3.08E-02	8.61E-02	2.78E-01	ND	ND
	Sweetclover	12378-PeCDF	1.25E-02	2.61E-03	9.31E-04	1.87E-03	1.87E-03	1.34E-02	2.10E-03	5.89E-03	1.90E-02	ND	ND
	Sweetclover	123789-HxCDD	2.95E-04	6.16E-05	2.19E-05	4.38E-05	4.38E-05	3.15E-04	4.94E-05	1.38E-04	4.46E-04	ND	ND
	Sweetclover	123789-HxCDF	2.18E-04	4.56E-05	1.62E-05	3.24E-05	3.24E-05	2.34E-04	3.66E-05	1.02E-04	3.30E-04	ND	ND
	Sweetclover	234678-HxCDF	3.63E-02	7.58E-03	2.70E-03	5.39E-03	5.39E-03	3.88E-02	6.08E-03	1.70E-02	5.49E-02	ND	ND
	Sweetclover	23478-PeCDF	7.99E-02	1.67E-02	5.95E-03	1.20E-02	1.20E-02	8.58E-02	1.35E-02	3.77E-02	1.21E-01	ND	ND
	Sweetclover	2378-TCDD	2.64E-01	5.52E-02	1.97E-02	3.92E-02	3.92E-02	2.83E-01	4.43E-02	1.24E-01	4.00E-01	ND	ND
	Sweetclover	2378-TCDF	2.59E-02	5.40E-03	1.93E-03	3.84E-03	3.84E-03	3.69E-02	4.34E-03	1.21E-02	3.92E-02	ND	ND
	Sweetclover	OCDD	8.00E-03	1.67E-03	5.95E-04	1.19E-03	1.19E-03	8.56E-03	1.34E-03	3.75E-03	1.21E-02	ND	ND
	Sweetclover	OCDF	4.19E-03	8.75E-04	3.12E-04	6.22E-04	6.22E-04	4.48E-03	7.02E-04	1.97E-03	6.34E-03	ND	ND
	Sweetclover	TOTAL HpCDD	1.69E-02	3.52E-03	1.26E-03	2.50E-03	2.50E-03	1.81E+00	2.83E-01	7.92E-01	2.55E+00	ND	ND
	Sweetclover	TOTAL HpCDF	2.28E-02	4.76E-03	1.70E-03	3.38E-03	3.38E-03	2.44E+00	3.82E-01	1.07E+00	3.45E+00	ND	ND
	Sweetclover	TOTAL HxCDD	5.63E-02	1.18E-02	4.19E-03	8.36E-03	8.36E-03	6.03E-01	9.45E-02	2.64E-01	8.53E-01	ND	ND
	Sweetclover	TOTAL HxCDF	1.01E-01	2.11E-02	7.51E-03	1.50E-02	1.50E-02	1.08E+00	1.69E-01	4.73E-01	1.53E+00	ND	ND
	Sweetclover	TOTAL PeCDD	1.83E-01	3.82E-02	1.36E-02	2.73E-02	2.73E-02	3.93E-01	6.15E-02	1.72E-01	5.55E-01	ND	ND
	Sweetclover	TOTAL PeCDF	1.12E-01	2.34E-02	8.35E-03	1.68E-02	1.68E-02	2.41E-01	3.77E-02	1.06E-01	3.41E-01	ND	ND
	Sweetclover	TOTAL TCDD	1.46E-01	3.06E-02	1.09E-02	2.17E-02	2.17E-02	1.57E-01	2.45E-02	6.87E-02	2.22E-01	ND	ND
	Sweetclover	TOTAL TCDF	3.90E-02	8.14E-03	2.90E-03	5.78E-03	5.78E-03	4.17E-02	6.53E-03	1.83E-02	5.90E-02	ND	ND
10[6]	*Jackrabbit*	*1234678-HpCDD*	*1.55E-03*	*2.74E-06*	*7.24E-08*	*1.44E-07*	*1.44E-07*	*1.66E-03*	*2.61E-06*	*2.84E-05*	*1.93E-06*	*ND*	*ND*
	Jackrabbit	*1234678-HpCDF*	*6.07E-01*	*1.07E-03*	*2.83E-05*	*5.64E-05*	*5.64E-05*	*6.50E-01*	*1.02E-03*	*1.11E-02*	*7.53E-04*	*ND*	*ND*
	Jackrabbit	*123478-HxCDD*	*6.07E+00*	*1.07E-02*	*2.83E-04*	*5.64E-04*	*5.64E-04*	*6.50E+00*	*1.02E-02*	*1.11E-01*	*7.53E-03*	*ND*	*ND*
	Jackrabbit	*123478-HxCDF*	*6.07E-02*	*1.07E-04*	*2.83E-06*	*5.64E-06*	*5.64E-06*	*6.50E-02*	*1.02E-04*	*1.11E-03*	*7.53E-05*	*ND*	*ND*
	Jackrabbit	*1234789-HpCDF*	*6.07E-02*	*1.07E-04*	*2.83E-06*	*5.64E-06*	*5.64E-06*	*6.50E-02*	*1.02E-04*	*1.11E-03*	*7.53E-05*	*ND*	*ND*
	Jackrabbit	*123678-HxCDD*	*6.07E+00*	*1.07E-02*	*2.83E-04*	*5.64E-04*	*5.64E-04*	*6.50E+00*	*1.02E-02*	*1.11E-01*	*7.53E-03*	*ND*	*ND*
	Jackrabbit	*123678-HxCDF*	*6.07E-02*	*1.07E-04*	*2.83E-06*	*5.64E-06*	*5.64E-06*	*6.50E-02*	*1.02E-04*	*1.11E-03*	*7.53E-05*	*ND*	*ND*
	Jackrabbit	*12378-PeCDD*	*3.03E+01*	*5.32E-02*	*1.41E-03*	*2.83E-03*	*2.83E-03*	*3.25E+01*	*5.09E-02*	*5.54E-01*	*3.77E-02*	*ND*	*ND*
	Jackrabbit	*12378-PeCDF*	*3.03E+00*	*5.32E-03*	*1.41E-04*	*2.83E-04*	*2.83E-04*	*3.25E+00*	*5.09E-03*	*5.54E-02*	*3.77E-03*	*ND*	*ND*
	Jackrabbit	*123789-HxCDD*	*6.07E-02*	*1.07E-04*	*2.83E-06*	*5.64E-06*	*5.64E-06*	*6.50E-02*	*1.02E-04*	*1.11E-03*	*7.53E-05*	*ND*	*ND*
	Jackrabbit	*123789-HxCDF*	*6.07E-02*	*1.07E-04*	*2.83E-06*	*5.64E-06*	*5.64E-06*	*6.50E-02*	*1.02E-04*	*1.11E-03*	*7.53E-05*	*ND*	*ND*
	Jackrabbit	*234678-HxCDF*	*6.07E+00*	*1.07E-02*	*2.83E-04*	*5.64E-04*	*5.64E-04*	*6.50E+00*	*1.02E-02*	*1.11E-01*	*7.53E-03*	*ND*	*ND*
	Jackrabbit	*23478-PeCDF*	*3.03E+01*	*5.32E-02*	*1.41E-03*	*2.83E-03*	*2.83E-03*	*3.25E+01*	*5.09E-02*	*5.54E-01*	*3.77E-02*	*ND*	*ND*

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10 (cont.)	Jackrabbit	2378-TCDD	3.17E-01	5.58E-04	1.48E-05	2.94E-05	2.94E-05	3.40E-01	5.32E-04	5.78E-03	3.93E-04	ND	ND
	Jackrabbit	2378-TCDF	5.45E-03	9.58E-06	2.54E-07	5.06E-07	5.06E-07	7.77E-03	9.14E-06	9.93E-05	6.76E-06	ND	ND
	Jackrabbit	OCDD	4.24E-04	7.45E-07	1.97E-08	3.93E-08	3.93E-08	4.54E-04	7.11E-07	7.73E-06	5.25E-07	ND	ND
	Jackrabbit	OCDF	6.07E-02	1.07E-04	2.83E-06	5.64E-06	5.64E-06	6.50E-02	1.02E-04	1.11E-03	7.53E-05	ND	ND
	Jackrabbit	TOTAL HpCDD	1.55E-03	2.74E-06	7.24E-08	1.44E-07	1.44E-07	1.66E-01	2.61E-04	2.84E-03	1.93E-04	ND	ND
	Jackrabbit	TOTAL HpCDF	6.07E-01	1.07E-03	2.83E-05	5.64E-05	5.64E-05	6.50E+01	1.02E-01	1.11E+00	7.53E-02	ND	ND
	Jackrabbit	TOTAL HxCDD	6.07E+00	1.07E-02	2.83E-04	5.64E-04	5.64E-04	6.50E+01	1.02E-01	1.11E+00	7.53E-02	ND	ND
	Jackrabbit	TOTAL HxCDF	6.07E+00	1.07E-02	2.83E-04	5.64E-04	5.64E-04	6.50E+01	1.02E-01	1.11E+00	7.53E-02	ND	ND
	Jackrabbit	TOTAL PeCDD	3.03E+01	5.32E-02	1.41E-03	2.83E-03	2.83E-03	6.50E+01	1.02E-01	1.11E+00	7.53E-02	ND	ND
	Jackrabbit	TOTAL PeCDF	3.03E+01	5.32E-02	1.41E-03	2.83E-03	2.83E-03	6.50E+01	1.02E-01	1.11E+00	7.53E-02	ND	ND
	Jackrabbit	TOTAL TCDD	3.17E-01	5.58E-04	1.48E-05	2.94E-05	2.94E-05	3.40E-01	5.32E-04	5.78E-03	3.93E-04	ND	ND
	Jackrabbit	TOTAL TCDF	5.45E-03	9.58E-06	2.54E-07	5.06E-07	5.06E-07	5.83E-03	9.14E-06	9.93E-05	6.76E-06	ND	ND
11	Jackrabbit	1234678-HpCDD	7.27E-03	1.92E-05	5.08E-07	1.01E-06	1.01E-06	7.79E-03	1.83E-05	1.99E-04	1.35E-05	ND	ND
	Jackrabbit	1234678-HpCDF	6.07E-01	1.60E-03	4.24E-05	8.46E-05	8.46E-05	6.50E-01	1.53E-03	1.66E-02	1.13E-03	ND	ND
	Jackrabbit	123478-HxCDD	6.07E+00	1.60E-02	4.24E-04	8.46E-04	8.46E-04	6.50E+00	1.53E-02	1.66E-01	1.13E-02	ND	ND
	Jackrabbit	123478-HxCDF	6.07E-02	1.60E-04	4.24E-06	8.46E-06	8.46E-06	6.50E-02	1.53E-04	1.66E-03	1.13E-04	ND	ND
	Jackrabbit	1234789-HpCDF	6.07E-02	1.60E-04	4.24E-06	8.46E-06	8.46E-06	6.50E-02	1.53E-04	1.66E-03	1.13E-04	ND	ND
	Jackrabbit	123678-HxCDD	6.07E+00	1.60E-02	4.24E-04	8.46E-04	8.46E-04	6.50E+00	1.53E-02	1.66E-01	1.13E-02	ND	ND
	Jackrabbit	123678-HxCDF	6.07E-02	1.60E-04	4.24E-06	8.46E-06	8.46E-06	6.50E-02	1.53E-04	1.66E-03	1.13E-04	ND	ND
	Jackrabbit	12378-PeCDD	3.03E+01	7.98E-02	2.11E-03	4.24E-03	4.24E-03	3.25E+01	7.64E-02	8.31E-01	5.65E-02	ND	ND
	Jackrabbit	12378-PeCDF	3.03E+00	7.98E-03	2.11E-04	4.24E-04	4.24E-04	3.25E+00	7.64E-03	8.31E-02	5.65E-03	ND	ND
	Jackrabbit	123789-HxCDD	6.07E-02	1.60E-04	4.24E-06	8.46E-06	8.46E-06	6.50E-02	1.53E-04	1.66E-03	1.13E-04	ND	ND
	Jackrabbit	123789-HxCDF	6.07E-02	1.60E-04	4.24E-06	8.46E-06	8.46E-06	6.50E-02	1.53E-04	1.66E-03	1.13E-04	ND	ND
	Jackrabbit	234678-HxCDF	6.07E+00	1.60E-02	4.24E-04	8.46E-04	8.46E-04	6.50E+00	1.53E-02	1.66E-01	1.13E-02	ND	ND
	Jackrabbit	23478-PeCDF	3.03E+01	7.98E-02	2.11E-03	4.24E-03	4.24E-03	3.25E+01	7.64E-02	8.31E-01	5.65E-02	ND	ND
	Jackrabbit	2378-TCDD	7.67E-02	2.02E-04	5.36E-06	1.07E-05	1.07E-05	8.21E-02	1.93E-04	2.10E-03	1.43E-04	ND	ND
	Jackrabbit	2378-TCDF	1.07E-02	2.84E-05	7.50E-07	1.50E-06	1.50E-06	1.53E-02	2.70E-05	2.94E-04	2.00E-05	ND	ND
	Jackrabbit	OCDD	2.19E-02	5.78E-05	1.53E-06	3.05E-06	3.05E-06	2.35E-02	5.51E-05	5.99E-04	4.08E-05	ND	ND
	Jackrabbit	OCDF	6.07E-02	1.60E-04	4.24E-06	8.46E-06	8.46E-06	6.50E-02	1.53E-04	1.66E-03	1.13E-04	ND	ND
	Jackrabbit	TOTAL HpCDD	7.27E-03	1.92E-05	5.08E-07	1.01E-06	1.01E-06	7.79E-01	1.83E-03	1.99E-02	1.35E-03	ND	ND
	Jackrabbit	TOTAL HpCDF	6.07E-01	1.60E-03	4.24E-05	8.46E-05	8.46E-05	6.50E+01	1.53E-01	1.66E+00	1.13E-01	ND	ND
	Jackrabbit	TOTAL HxCDD	6.07E+00	1.60E-02	4.24E-04	8.46E-04	8.46E-04	6.50E+01	1.53E-01	1.66E+00	1.13E-01	ND	ND
	Jackrabbit	TOTAL HxCDF	6.07E+00	1.60E-02	4.24E-04	8.46E-04	8.46E-04	6.50E+01	1.53E-01	1.66E+00	1.13E-01	ND	ND
	Jackrabbit	TOTAL PeCDD	3.03E+01	7.98E-02	2.11E-03	4.24E-03	4.24E-03	6.50E+01	1.53E-01	1.66E+00	1.13E-01	ND	ND
	Jackrabbit	TOTAL PeCDF	3.03E+01	7.98E-02	2.11E-03	4.24E-03	4.24E-03	6.50E+01	1.53E-01	1.66E+00	1.13E-01	ND	ND
	Jackrabbit	TOTAL TCDD	7.67E-02	2.02E-04	5.36E-06	1.07E-05	1.07E-05	8.21E-02	1.93E-04	2.10E-03	1.43E-04	ND	ND
	Jackrabbit	TOTAL TCDF	1.07E-02	2.84E-05	7.50E-07	1.50E-06	1.50E-06	1.15E-02	2.70E-05	2.94E-04	2.00E-05	ND	ND
12	Jackrabbit	1234678-HpCDD	2.78E-03	3.66E-05	9.69E-07	1.93E-06	1.93E-06	2.97E-03	3.49E-05	3.80E-04	2.58E-05	ND	ND
	Jackrabbit	1234678-HpCDF	6.07E-01	8.01E-03	2.12E-04	4.23E-04	4.23E-04	6.50E-01	7.64E-03	8.31E-02	5.65E-03	ND	ND
	Jackrabbit	123478-HxCDD	6.07E+00	8.01E-02	2.12E-03	4.23E-03	4.23E-03	6.50E+00	7.64E-02	8.31E-01	5.65E-02	ND	ND
	Jackrabbit	123478-HxCDF	6.07E-02	8.01E-04	2.12E-05	4.23E-05	4.23E-05	6.50E-02	7.64E-04	8.31E-03	5.65E-04	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
12 (cont.)	Jackrabbit	1234789-HpCDF	6.07E-02	8.01E-04	2.12E-05	4.23E-05	4.23E-05	6.50E-02	7.64E-04	8.31E-03	5.65E-04	ND	ND
	Jackrabbit	123678-HxCDD	6.07E+00	8.01E-02	2.12E-03	4.23E-03	4.23E-03	6.50E+00	7.64E-02	8.31E-01	5.65E-02	ND	ND
	Jackrabbit	123678-HxCDF	6.07E-02	8.01E-04	2.12E-05	4.23E-05	4.23E-05	6.50E-02	7.64E-04	8.31E-03	5.65E-04	ND	ND
	Jackrabbit	12378-PeCDD	3.03E+01	3.99E-01	1.06E-02	2.12E-02	2.12E-02	3.25E+01	3.82E-01	4.15E+00	2.82E-01	ND	ND
	Jackrabbit	12378-PeCDF	3.03E+00	3.99E-02	1.06E-03	2.12E-03	2.12E-03	3.25E+00	3.82E-02	4.15E-01	2.82E-02	ND	ND
	Jackrabbit	123789-HxCDD	6.07E-02	8.01E-04	2.12E-05	4.23E-05	4.23E-05	6.50E-02	7.64E-04	8.31E-03	5.65E-04	ND	ND
	Jackrabbit	123789-HxCDF	6.07E-02	8.01E-04	2.12E-05	4.23E-05	4.23E-05	6.50E-02	7.64E-04	8.31E-03	5.65E-04	ND	ND
	Jackrabbit	234678-HxCDF	6.07E+00	8.01E-02	2.12E-03	4.23E-03	4.23E-03	6.50E+00	7.64E-02	8.31E-01	5.65E-02	ND	ND
	Jackrabbit	23478-PeCDF	3.03E+01	3.99E-01	1.06E-02	2.12E-02	2.12E-02	3.25E+01	3.82E-01	4.15E+00	2.82E-01	ND	ND
	Jackrabbit	2378-TCDD	1.16E-01	1.53E-03	4.04E-05	8.06E-05	8.06E-05	1.24E-01	1.46E-03	1.58E-02	1.08E-03	ND	ND
	Jackrabbit	2378-TCDF	7.25E-03	9.57E-05	2.53E-06	5.05E-06	5.05E-06	1.03E-02	9.12E-05	9.92E-04	6.75E-05	ND	ND
	Jackrabbit	OCDD	1.02E-03	1.35E-05	3.58E-07	7.13E-07	7.13E-07	1.10E-03	1.29E-05	1.40E-04	9.53E-06	ND	ND
	Jackrabbit	OCDF	6.07E-02	8.01E-04	2.12E-05	4.23E-05	4.23E-05	6.50E-02	7.64E-04	8.31E-03	5.65E-04	ND	ND
	Jackrabbit	TOTAL HpCDD	2.78E-03	3.66E-05	9.69E-07	1.93E-06	1.93E-06	2.97E-01	3.49E-03	3.80E-02	2.58E-03	ND	ND
	Jackrabbit	TOTAL HpCDF	6.07E-01	8.01E-03	2.12E-04	4.23E-04	4.23E-04	6.50E+01	7.64E-01	8.31E+00	5.65E-01	ND	ND
	Jackrabbit	TOTAL HxCDD	6.07E+00	8.01E-02	2.12E-03	4.23E-03	4.23E-03	6.50E+01	7.64E-01	8.31E+00	5.65E-01	ND	ND
	Jackrabbit	TOTAL HxCDF	6.07E+00	8.01E-02	2.12E-03	4.23E-03	4.23E-03	6.50E+01	7.64E-01	8.31E+00	5.65E-01	ND	ND
	Jackrabbit	TOTAL PeCDD	3.03E+01	3.99E-01	1.06E-02	2.12E-02	2.12E-02	6.50E+01	7.64E-01	8.31E+00	5.65E-01	ND	ND
	Jackrabbit	TOTAL PeCDF	3.03E+01	3.99E-01	1.06E-02	2.12E-02	2.12E-02	6.50E+01	7.64E-01	8.31E+00	5.65E-01	ND	ND
	Jackrabbit	TOTAL TCDD	1.16E-01	1.53E-03	4.04E-05	8.06E-05	8.06E-05	1.24E-01	1.46E-03	1.58E-02	1.08E-03	ND	ND
	Jackrabbit	TOTAL TCDF	7.25E-03	9.57E-05	2.53E-06	5.05E-06	5.05E-06	7.76E-03	9.12E-05	9.92E-04	6.75E-05	ND	ND
15	Jackrabbit	1234678-HpCDD	7.80E-02	3.43E-03	9.07E-05	1.81E-04	1.81E-04	8.34E-02	3.27E-03	3.55E-02	2.42E-03	ND	ND
	Jackrabbit	1234678-HpCDF	6.07E-01	2.67E-02	7.07E-04	1.41E-03	1.41E-03	6.50E-01	2.55E-02	2.77E-01	1.88E-02	ND	ND
	Jackrabbit	123478-HxCDD	6.07E+00	2.67E-01	7.07E-03	1.41E-02	1.41E-02	6.50E+00	2.55E-01	2.77E+00	1.88E-01	ND	ND
	Jackrabbit	123478-HxCDF	6.07E-02	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.50E-02	2.55E-03	2.77E-02	1.88E-03	ND	ND
	Jackrabbit	1234789-HpCDF	6.07E-02	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.50E-02	2.55E-03	2.77E-02	1.88E-03	ND	ND
	Jackrabbit	123678-HxCDD	6.07E+00	2.67E-01	7.07E-03	1.41E-02	1.41E-02	6.50E+00	2.55E-01	2.77E+00	1.88E-01	ND	ND
	Jackrabbit	123678-HxCDF	6.07E-02	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.50E-02	2.55E-03	2.77E-02	1.88E-03	ND	ND
	Jackrabbit	12378-PeCDD	3.03E+01	1.33E+00	3.52E-02	7.07E-02	7.07E-02	3.25E+01	1.27E+00	1.38E+01	9.42E-01	ND	ND
	Jackrabbit	12378-PeCDF	3.03E+00	1.33E-01	3.52E-03	7.07E-03	7.07E-03	3.25E+00	1.27E-01	1.38E+00	9.42E-02	ND	ND
	Jackrabbit	123789-HxCDD	6.07E-02	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.50E-02	2.55E-03	2.77E-02	1.88E-03	ND	ND
	Jackrabbit	123789-HxCDF	6.07E-02	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.50E-02	2.55E-03	2.77E-02	1.88E-03	ND	ND
	Jackrabbit	234678-HxCDF	6.07E+00	2.67E-01	7.07E-03	1.41E-02	1.41E-02	6.50E+00	2.55E-01	2.77E+00	1.88E-01	ND	ND
	Jackrabbit	23478-PeCDF	3.03E+01	1.33E+00	3.52E-02	7.07E-02	7.07E-02	3.25E+01	1.27E+00	1.38E+01	9.42E-01	ND	ND
	Jackrabbit	2378-TCDD	4.21E-01	1.85E-02	4.89E-04	9.76E-04	9.76E-04	4.50E-01	1.76E-02	1.92E-01	1.30E-02	ND	ND
	Jackrabbit	2378-TCDF	7.86E-03	3.46E-04	9.14E-06	1.82E-05	1.82E-05	1.12E-02	3.29E-04	3.58E-03	2.44E-04	ND	ND
	Jackrabbit	OCDD	1.35E-01	5.92E-03	1.57E-04	3.12E-04	3.12E-04	1.44E-01	5.64E-03	6.14E-02	4.17E-03	ND	ND
	Jackrabbit	OCDF	6.07E-02	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.50E-02	2.55E-03	2.77E-02	1.88E-03	ND	ND
	Jackrabbit	TOTAL HpCDD	7.80E-02	3.43E-03	9.07E-05	1.81E-04	1.81E-04	8.34E+00	3.27E-01	3.55E+00	2.42E-01	ND	ND
	Jackrabbit	TOTAL HpCDF	6.07E-01	2.67E-02	7.07E-04	1.41E-03	1.41E-03	6.50E+01	2.55E+00	2.77E+01	1.88E+00	ND	ND
	Jackrabbit	TOTAL HxCDD	6.07E+00	2.67E-01	7.07E-03	1.41E-02	1.41E-02	6.50E+01	2.55E+00	2.77E+01	1.88E+00	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
15 (cont.)	Jackrabbit	TOTAL HxCDF	6.07E+00	2.67E-01	7.07E-03	1.41E-02	1.41E-02	6.50E+01	2.55E+00	2.77E+01	1.88E+00	ND	ND
	Jackrabbit	TOTAL PeCDD	3.03E+01	1.33E+00	3.52E-02	7.07E-02	7.07E-02	6.50E+01	2.55E+00	2.77E+01	1.88E+00	ND	ND
	Jackrabbit	TOTAL PeCDF	3.03E+01	1.33E+00	3.52E-02	7.07E-02	7.07E-02	6.50E+01	2.55E+00	2.77E+01	1.88E+00	ND	ND
	Jackrabbit	TOTAL TCDD	4.21E-01	1.85E-02	4.89E-04	9.76E-04	9.76E-04	4.50E-01	1.76E-02	1.92E-01	1.30E-02	ND	ND
	Jackrabbit	TOTAL TCDF	7.86E-03	3.46E-04	9.14E-06	1.82E-05	1.82E-05	8.41E-03	3.29E-04	3.58E-03	2.44E-04	ND	ND
21	Jackrabbit	1234678-HpCDD	1.73E-03	4.57E-07	1.21E-08	2.41E-08	2.41E-08	1.06E-03	4.35E-07	4.73E-06	3.22E-07	ND	ND
	Jackrabbit	1234678-HpCDF	2.53E-01	6.68E-05	1.77E-06	3.52E-06	3.52E-06	1.55E-01	6.37E-05	6.92E-04	4.71E-05	ND	ND
	Jackrabbit	123478-HxCDD	2.53E+00	6.68E-04	1.77E-05	3.52E-05	3.52E-05	1.55E+00	6.37E-04	6.92E-03	4.71E-04	ND	ND
	Jackrabbit	123478-HxCDF	2.53E-02	6.68E-06	1.77E-07	3.52E-07	3.52E-07	1.55E-02	6.37E-06	6.92E-05	4.71E-06	ND	ND
	Jackrabbit	1234789-HpCDF	2.53E-02	6.68E-06	1.77E-07	3.52E-07	3.52E-07	1.55E-02	6.37E-06	6.92E-05	4.71E-06	ND	ND
	Jackrabbit	123678-HxCDD	2.53E+00	6.68E-04	1.77E-05	3.52E-05	3.52E-05	1.55E+00	6.37E-04	6.92E-03	4.71E-04	ND	ND
	Jackrabbit	123678-HxCDF	2.53E-02	6.68E-06	1.77E-07	3.52E-07	3.52E-07	1.55E-02	6.37E-06	6.92E-05	4.71E-06	ND	ND
	Jackrabbit	12378-PeCDD	1.26E+01	3.33E-03	8.80E-05	1.77E-04	1.77E-04	7.73E+00	3.18E-03	3.46E-02	2.35E-03	ND	ND
	Jackrabbit	12378-PeCDF	1.26E+00	3.33E-04	8.80E-06	1.77E-05	1.77E-05	7.73E-01	3.18E-04	3.46E-03	2.35E-04	ND	ND
	Jackrabbit	123789-HxCDD	2.53E-02	6.68E-06	1.77E-07	3.52E-07	3.52E-07	1.55E-02	6.37E-06	6.92E-05	4.71E-06	ND	ND
	Jackrabbit	123789-HxCDF	2.53E-02	6.68E-06	1.77E-07	3.52E-07	3.52E-07	1.55E-02	6.37E-06	6.92E-05	4.71E-06	ND	ND
	Jackrabbit	234678-HxCDF	2.53E+00	6.68E-04	1.77E-05	3.52E-05	3.52E-05	1.55E+00	6.37E-04	6.92E-03	4.71E-04	ND	ND
	Jackrabbit	23478-PeCDF	1.26E+01	3.33E-03	8.80E-05	1.77E-04	1.77E-04	7.73E+00	3.18E-03	3.46E-02	2.35E-03	ND	ND
	Jackrabbit	2378-TCDD	9.78E-02	2.58E-05	6.83E-07	1.36E-06	1.36E-06	5.98E-02	2.46E-05	2.68E-04	1.82E-05	ND	ND
	Jackrabbit	2378-TCDF	6.17E-03	1.63E-06	4.31E-08	8.60E-08	8.60E-08	5.03E-03	1.55E-06	1.69E-05	1.15E-06	ND	ND
	Jackrabbit	OCDD	4.39E-03	1.16E-06	3.07E-08	6.11E-08	6.11E-08	2.69E-03	1.10E-06	1.20E-05	8.17E-07	ND	ND
	Jackrabbit	OCDF	2.53E-02	6.68E-06	1.77E-07	3.52E-07	3.52E-07	1.55E-02	6.37E-06	6.92E-05	4.71E-06	ND	ND
	Jackrabbit	TOTAL HpCDD	1.73E-03	4.57E-07	1.21E-08	2.41E-08	2.41E-08	1.06E-01	4.35E-05	4.73E-04	3.22E-05	ND	ND
	Jackrabbit	TOTAL HpCDF	2.53E-01	6.68E-05	1.77E-06	3.52E-06	3.52E-06	1.55E+01	6.37E-03	6.92E-02	4.71E-03	ND	ND
	Jackrabbit	TOTAL HxCDD	2.53E+00	6.68E-04	1.77E-05	3.52E-05	3.52E-05	1.55E+01	6.37E-03	6.92E-02	4.71E-03	ND	ND
	Jackrabbit	TOTAL HxCDF	2.53E+00	6.68E-04	1.77E-05	3.52E-05	3.52E-05	1.55E+01	6.37E-03	6.92E-02	4.71E-03	ND	ND
	Jackrabbit	TOTAL PeCDD	1.26E+01	3.33E-03	8.80E-05	1.77E-04	1.77E-04	1.55E+01	6.37E-03	6.92E-02	4.71E-03	ND	ND
	Jackrabbit	TOTAL PeCDF	1.26E+01	3.33E-03	8.80E-05	1.77E-04	1.77E-04	1.55E+01	6.37E-03	6.92E-02	4.71E-03	ND	ND
	Jackrabbit	TOTAL TCDD	9.78E-02	2.58E-05	6.83E-07	1.36E-06	1.36E-06	5.98E-02	2.46E-05	2.68E-04	1.82E-05	ND	ND
	Jackrabbit	TOTAL TCDF	6.17E-03	1.63E-06	4.31E-08	8.60E-08	8.60E-08	3.78E-03	1.55E-06	1.69E-05	1.15E-06	ND	ND
37	Jackrabbit	1234678-HpCDD	2.57E-01	1.58E-04	4.18E-06	8.34E-06	8.34E-06	2.75E-01	1.51E-04	1.64E-03	1.11E-04	ND	ND
	Jackrabbit	1234678-HpCDF	6.07E-01	3.74E-04	9.89E-06	1.97E-05	1.97E-05	6.50E-01	3.56E-04	3.88E-03	2.64E-04	ND	ND
	Jackrabbit	123478-HxCDD	6.07E+00	3.74E-03	9.89E-05	1.97E-04	1.97E-04	6.50E+00	3.56E-03	3.88E-02	2.64E-03	ND	ND
	Jackrabbit	123478-HxCDF	6.07E-02	3.74E-05	9.89E-07	1.97E-06	1.97E-06	6.50E-02	3.56E-05	3.88E-04	2.64E-05	ND	ND
	Jackrabbit	1234789-HpCDF	6.07E-02	3.74E-05	9.89E-07	1.97E-06	1.97E-06	6.50E-02	3.56E-05	3.88E-04	2.64E-05	ND	ND
	Jackrabbit	123678-HxCDD	6.07E+00	3.74E-03	9.89E-05	1.97E-04	1.97E-04	6.50E+00	3.56E-03	3.88E-02	2.64E-03	ND	ND
	Jackrabbit	123678-HxCDF	6.07E-02	3.74E-05	9.89E-07	1.97E-06	1.97E-06	6.50E-02	3.56E-05	3.88E-04	2.64E-05	ND	ND
	Jackrabbit	12378-PeCDD	3.03E+01	1.86E-02	4.93E-04	9.89E-04	9.89E-04	3.25E+01	1.78E-02	1.94E-01	1.32E-02	ND	ND
	Jackrabbit	12378-PeCDF	3.03E+00	1.86E-03	4.93E-05	9.89E-05	9.89E-05	3.25E+00	1.78E-03	1.94E-02	1.32E-03	ND	ND
	Jackrabbit	123789-HxCDD	6.07E-02	3.74E-05	9.89E-07	1.97E-06	1.97E-06	6.50E-02	3.56E-05	3.88E-04	2.64E-05	ND	ND
	Jackrabbit	123789-HxCDF	6.07E-02	3.74E-05	9.89E-07	1.97E-06	1.97E-06	6.50E-02	3.56E-05	3.88E-04	2.64E-05	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
37 (cont.)	Jackrabbit	234678-HxCDF	6.07E+00	3.74E-03	9.89E-05	1.97E-04	1.97E-04	6.50E+00	3.56E-03	3.88E-02	2.64E-03	ND	ND
	Jackrabbit	23478-PeCDF	3.03E+01	1.86E-02	4.93E-04	9.89E-04	9.89E-04	3.25E+01	1.78E-02	1.94E-01	1.32E-02	ND	ND
	Jackrabbit	2378-TCDD	2.94E-01	1.81E-04	4.79E-06	9.56E-06	9.56E-06	3.15E-01	1.73E-04	1.88E-03	1.28E-04	ND	ND
	Jackrabbit	2378-TCDF	1.29E-02	7.97E-06	2.11E-07	4.20E-07	4.20E-07	1.85E-02	7.60E-06	8.26E-05	5.62E-06	ND	ND
	Jackrabbit	OCDD	9.62E-02	5.93E-05	1.57E-06	3.13E-06	3.13E-06	1.03E-01	5.65E-05	6.14E-04	4.18E-05	ND	ND
	Jackrabbit	OCDF	6.07E-02	3.74E-05	9.89E-07	1.97E-06	1.97E-06	6.50E-02	3.56E-05	3.88E-04	2.64E-05	ND	ND
	Jackrabbit	TOTAL HpCDD	2.57E-01	1.58E-04	4.18E-06	8.34E-06	8.34E-06	2.75E+01	1.51E-02	1.64E-01	1.11E-02	ND	ND
	Jackrabbit	TOTAL HpCDF	6.07E-01	3.74E-04	9.89E-06	1.97E-05	1.97E-05	6.50E+01	3.56E-02	3.88E-01	2.64E-02	ND	ND
	Jackrabbit	TOTAL HxCDD	6.07E+00	3.74E-03	9.89E-05	1.97E-04	1.97E-04	6.50E+01	3.56E-02	3.88E-01	2.64E-02	ND	ND
	Jackrabbit	TOTAL HxCDF	6.07E+00	3.74E-03	9.89E-05	1.97E-04	1.97E-04	6.50E+01	3.56E-02	3.88E-01	2.64E-02	ND	ND
	Jackrabbit	TOTAL PeCDD	3.03E+01	1.86E-02	4.93E-04	9.89E-04	9.89E-04	6.50E+01	3.56E-02	3.88E-01	2.64E-02	ND	ND
	Jackrabbit	TOTAL PeCDF	3.03E+01	1.86E-02	4.93E-04	9.89E-04	9.89E-04	6.50E+01	3.56E-02	3.88E-01	2.64E-02	ND	ND
	Jackrabbit	TOTAL TCDD	2.94E-01	1.81E-04	4.79E-06	9.56E-06	9.56E-06	3.15E-01	1.73E-04	1.88E-03	1.28E-04	ND	ND
	Jackrabbit	TOTAL TCDF	1.29E-02	7.97E-06	2.11E-07	4.20E-07	4.20E-07	1.39E-02	7.60E-06	8.26E-05	5.62E-06	ND	ND
1b	Jackrabbit	1234678-HpCDD	2.77E-03	1.22E-06	3.22E-08	6.42E-08	6.42E-08	2.82E-03	1.16E-06	1.26E-05	8.57E-07	ND	ND
	Jackrabbit	1234678-HpCDF	6.07E-01	2.67E-04	7.07E-06	1.41E-05	1.41E-05	6.19E-01	2.55E-04	2.77E-03	1.88E-04	ND	ND
	Jackrabbit	123478-HxCDD	6.07E+00	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.19E+00	2.55E-03	2.77E-02	1.88E-03	ND	ND
	Jackrabbit	123478-HxCDF	6.07E-02	2.67E-05	7.07E-07	1.41E-06	1.41E-06	6.19E-02	2.55E-05	2.77E-04	1.88E-05	ND	ND
	Jackrabbit	1234789-HpCDF	6.07E-02	2.67E-05	7.07E-07	1.41E-06	1.41E-06	6.19E-02	2.55E-05	2.77E-04	1.88E-05	ND	ND
	Jackrabbit	123678-HxCDD	6.07E+00	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.19E+00	2.55E-03	2.77E-02	1.88E-03	ND	ND
	Jackrabbit	123678-HxCDF	6.07E-02	2.67E-05	7.07E-07	1.41E-06	1.41E-06	6.19E-02	2.55E-05	2.77E-04	1.88E-05	ND	ND
	Jackrabbit	12378-PeCDD	3.03E+01	1.33E-02	3.52E-04	7.07E-04	7.07E-04	3.09E+01	1.27E-02	1.38E-01	9.42E-03	ND	ND
	Jackrabbit	12378-PeCDF	3.03E+00	1.33E-03	3.52E-05	7.07E-05	7.07E-05	3.09E+00	1.27E-03	1.38E-02	9.42E-04	ND	ND
	Jackrabbit	123789-HxCDD	6.07E-02	2.67E-05	7.07E-07	1.41E-06	1.41E-06	6.19E-02	2.55E-05	2.77E-04	1.88E-05	ND	ND
	Jackrabbit	123789-HxCDF	6.07E-02	2.67E-05	7.07E-07	1.41E-06	1.41E-06	6.19E-02	2.55E-05	2.77E-04	1.88E-05	ND	ND
	Jackrabbit	234678-HxCDF	6.07E+00	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.19E+00	2.55E-03	2.77E-02	1.88E-03	ND	ND
	Jackrabbit	23478-PeCDF	3.03E+01	1.33E-02	3.52E-04	7.07E-04	7.07E-04	3.09E+01	1.27E-02	1.38E-01	9.42E-03	ND	ND
	Jackrabbit	2378-TCDD	1.40E-01	6.15E-05	1.63E-06	3.24E-06	3.24E-06	1.43E-01	5.86E-05	6.37E-04	4.34E-05	ND	ND
	Jackrabbit	2378-TCDF	8.38E-03	3.69E-06	9.75E-08	1.94E-07	1.94E-07	1.14E-02	3.51E-06	3.82E-05	2.60E-06	ND	ND
	Jackrabbit	OCDD	8.00E-03	3.52E-06	9.31E-08	1.86E-07	1.86E-07	8.16E-03	3.36E-06	3.65E-05	2.48E-06	ND	ND
	Jackrabbit	OCDF	6.07E-02	2.67E-05	7.07E-07	1.41E-06	1.41E-06	6.19E-02	2.55E-05	2.77E-04	1.88E-05	ND	ND
	Jackrabbit	TOTAL HpCDD	2.77E-03	1.22E-06	3.22E-08	6.42E-08	6.42E-08	2.82E-01	1.16E-04	1.26E-03	8.57E-05	ND	ND
	Jackrabbit	TOTAL HpCDF	6.07E-01	2.67E-04	7.07E-06	1.41E-05	1.41E-05	6.19E+01	2.55E-02	2.77E-01	1.88E-02	ND	ND
	Jackrabbit	TOTAL HxCDD	6.07E+00	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.19E+01	2.55E-02	2.77E-01	1.88E-02	ND	ND
	Jackrabbit	TOTAL HxCDF	6.07E+00	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.19E+01	2.55E-02	2.77E-01	1.88E-02	ND	ND
	Jackrabbit	TOTAL PeCDD	3.03E+01	1.33E-02	3.52E-04	7.07E-04	7.07E-04	6.19E+01	2.55E-02	2.77E-01	1.88E-02	ND	ND
	Jackrabbit	TOTAL PeCDF	3.03E+01	1.33E-02	3.52E-04	7.07E-04	7.07E-04	6.19E+01	2.55E-02	2.77E-01	1.88E-02	ND	ND
	Jackrabbit	TOTAL TCDD	1.40E-01	6.15E-05	1.63E-06	3.24E-06	3.24E-06	1.43E-01	5.86E-05	6.37E-04	4.34E-05	ND	ND
	Jackrabbit	TOTAL TCDF	8.38E-03	3.69E-06	9.75E-08	1.94E-07	1.94E-07	8.54E-03	3.51E-06	3.82E-05	2.60E-06	ND	ND
1c	Jackrabbit	1234678-HpCDD	1.96E-03	3.45E-05	9.13E-07	1.82E-06	1.82E-06	2.10E-03	3.29E-05	3.58E-04	2.43E-05	ND	ND
	Jackrabbit	1234678-HpCDF	6.07E-01	1.07E-02	2.83E-04	5.64E-04	5.64E-04	6.50E-01	1.02E-02	1.11E-01	7.53E-03	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1c (cont.)	Jackrabbit	123478-HxCDD	6.07E+00	1.07E-01	2.83E-03	5.64E-03	5.64E-03	6.50E+00	1.02E-01	1.11E+00	7.53E-02	ND	ND
	Jackrabbit	123478-HxCDF	6.07E-02	1.07E-03	2.83E-05	5.64E-05	5.64E-05	6.50E-02	1.02E-03	1.11E-02	7.53E-04	ND	ND
	Jackrabbit	1234789-HpCDF	6.07E-02	1.07E-03	2.83E-05	5.64E-05	5.64E-05	6.50E-02	1.02E-03	1.11E-02	7.53E-04	ND	ND
	Jackrabbit	123678-HxCDD	6.07E+00	1.07E-01	2.83E-03	5.64E-03	5.64E-03	6.50E+00	1.02E-01	1.11E+00	7.53E-02	ND	ND
	Jackrabbit	123678-HxCDF	6.07E-02	1.07E-03	2.83E-05	5.64E-05	5.64E-05	6.50E-02	1.02E-03	1.11E-02	7.53E-04	ND	ND
	Jackrabbit	12378-PeCDD	3.03E+01	5.32E-01	1.41E-02	2.83E-02	2.83E-02	3.25E+01	5.09E-01	5.54E+00	3.77E-01	ND	ND
	Jackrabbit	12378-PeCDF	3.03E+00	5.32E-02	1.41E-03	2.83E-03	2.83E-03	3.25E+00	5.09E-02	5.54E-01	3.77E-02	ND	ND
	Jackrabbit	123789-HxCDD	6.07E-02	1.07E-03	2.83E-05	5.64E-05	5.64E-05	6.50E-02	1.02E-03	1.11E-02	7.53E-04	ND	ND
	Jackrabbit	123789-HxCDF	6.07E-02	1.07E-03	2.83E-05	5.64E-05	5.64E-05	6.50E-02	1.02E-03	1.11E-02	7.53E-04	ND	ND
	Jackrabbit	234678-HxCDF	6.07E+00	1.07E-01	2.83E-03	5.64E-03	5.64E-03	6.50E+00	1.02E-01	1.11E+00	7.53E-02	ND	ND
	Jackrabbit	23478-PeCDF	3.03E+01	5.32E-01	1.41E-02	2.83E-02	2.83E-02	3.25E+01	5.09E-01	5.54E+00	3.77E-01	ND	ND
	Jackrabbit	2378-TCDD	1.49E-01	2.63E-03	6.95E-05	1.39E-04	1.39E-04	1.60E-01	2.50E-03	2.72E-02	1.85E-03	ND	ND
	Jackrabbit	2378-TCDF	7.53E-03	1.33E-04	3.51E-06	6.99E-06	6.99E-06	1.07E-02	1.26E-04	1.37E-03	9.34E-05	ND	ND
	Jackrabbit	OCDD	2.19E-03	3.86E-05	1.02E-06	2.03E-06	2.03E-06	2.35E-03	3.68E-05	4.00E-04	2.72E-05	ND	ND
	Jackrabbit	OCDF	6.07E-02	1.07E-03	2.83E-05	5.64E-05	5.64E-05	6.50E-02	1.02E-03	1.11E-02	7.53E-04	ND	ND
	Jackrabbit	TOTAL HpCDD	1.96E-03	3.45E-05	9.13E-07	1.82E-06	1.82E-06	2.10E-01	3.29E-03	3.58E-02	2.43E-03	ND	ND
	Jackrabbit	TOTAL HpCDF	6.07E-01	1.07E-02	2.83E-04	5.64E-04	5.64E-04	6.50E+01	1.02E+00	1.11E+01	7.53E-01	ND	ND
	Jackrabbit	TOTAL HxCDD	6.07E+00	1.07E-01	2.83E-03	5.64E-03	5.64E-03	6.50E+01	1.02E+00	1.11E+01	7.53E-01	ND	ND
	Jackrabbit	TOTAL HxCDF	6.07E+00	1.07E-01	2.83E-03	5.64E-03	5.64E-03	6.50E+01	1.02E+00	1.11E+01	7.53E-01	ND	ND
	Jackrabbit	TOTAL PeCDD	3.03E+01	5.32E-01	1.41E-02	2.83E-02	2.83E-02	6.50E+01	1.02E+00	1.11E+01	7.53E-01	ND	ND
	Jackrabbit	TOTAL PeCDF	3.03E+01	5.32E-01	1.41E-02	2.83E-02	2.83E-02	6.50E+01	1.02E+00	1.11E+01	7.53E-01	ND	ND
	Jackrabbit	TOTAL TCDD	1.49E-01	2.63E-03	6.95E-05	1.39E-04	1.39E-04	1.60E-01	2.50E-03	2.72E-02	1.85E-03	ND	ND
	Jackrabbit	TOTAL TCDF	7.53E-03	1.33E-04	3.51E-06	6.99E-06	6.99E-06	8.07E-03	1.26E-04	1.37E-03	9.34E-05	ND	ND
42	Jackrabbit	1234678-HpCDD	3.59E-02	1.14E-03	3.01E-05	6.00E-05	6.00E-05	3.84E-02	1.08E-03	1.18E-02	8.01E-04	ND	ND
	Jackrabbit	1234678-HpCDF	6.07E-01	1.92E-02	5.09E-04	1.01E-03	1.01E-03	6.50E-01	1.83E-02	1.99E-01	1.36E-02	ND	ND
	Jackrabbit	123478-HxCDD	6.07E+00	1.92E-01	5.09E-03	1.01E-02	1.01E-02	6.50E+00	1.83E-01	1.99E+00	1.36E-01	ND	ND
	Jackrabbit	123478-HxCDF	6.07E-02	1.92E-03	5.09E-05	1.01E-04	1.01E-04	6.50E-02	1.83E-03	1.99E-02	1.36E-03	ND	ND
	Jackrabbit	1234789-HpCDF	6.07E-02	1.92E-03	5.09E-05	1.01E-04	1.01E-04	6.50E-02	1.83E-03	1.99E-02	1.36E-03	ND	ND
	Jackrabbit	123678-HxCDD	6.07E+00	1.92E-01	5.09E-03	1.01E-02	1.01E-02	6.50E+00	1.83E-01	1.99E+00	1.36E-01	ND	ND
	Jackrabbit	123678-HxCDF	6.07E-02	1.92E-03	5.09E-05	1.01E-04	1.01E-04	6.50E-02	1.83E-03	1.99E-02	1.36E-03	ND	ND
	Jackrabbit	12378-PeCDD	3.03E+01	9.58E-01	2.53E-02	5.09E-02	5.09E-02	3.25E+01	9.17E-01	9.97E+00	6.78E-01	ND	ND
	Jackrabbit	12378-PeCDF	3.03E+00	9.58E-02	2.53E-03	5.09E-03	5.09E-03	3.25E+00	9.17E-02	9.97E-01	6.78E-02	ND	ND
	Jackrabbit	123789-HxCDD	6.07E-02	1.92E-03	5.09E-05	1.01E-04	1.01E-04	6.50E-02	1.83E-03	1.99E-02	1.36E-03	ND	ND
	Jackrabbit	123789-HxCDF	6.07E-02	1.92E-03	5.09E-05	1.01E-04	1.01E-04	6.50E-02	1.83E-03	1.99E-02	1.36E-03	ND	ND
	Jackrabbit	234678-HxCDF	6.07E+00	1.92E-01	5.09E-03	1.01E-02	1.01E-02	6.50E+00	1.83E-01	1.99E+00	1.36E-01	ND	ND
	Jackrabbit	23478-PeCDF	3.03E+01	9.58E-01	2.53E-02	5.09E-02	5.09E-02	3.25E+01	9.17E-01	9.97E+00	6.78E-01	ND	ND
	Jackrabbit	2378-TCDD	2.12E-01	6.71E-03	1.77E-04	3.54E-04	3.54E-04	2.27E-01	6.39E-03	6.95E-02	4.73E-03	ND	ND
	Jackrabbit	2378-TCDF	9.13E-03	2.89E-04	7.65E-06	1.53E-05	1.53E-05	1.30E-02	2.76E-04	3.00E-03	2.04E-04	ND	ND
	Jackrabbit	OCDD	1.84E-02	5.82E-04	1.54E-05	3.07E-05	3.07E-05	1.97E-02	5.54E-04	6.03E-03	4.10E-04	ND	ND
	Jackrabbit	OCDF	6.07E-02	1.92E-03	5.09E-05	1.01E-04	1.01E-04	6.50E-02	1.83E-03	1.99E-02	1.36E-03	ND	ND
	Jackrabbit	TOTAL HpCDD	3.59E-02	1.14E-03	3.01E-05	6.00E-05	6.00E-05	3.84E+00	1.08E-01	1.18E+00	8.01E-02	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
42 (cont.)	*Jackrabbit*	*TOTAL HpCDF*	*6.07E-01*	*1.92E-02*	*5.09E-04*	*1.01E-03*	*1.01E-03*	*6.50E+01*	*1.83E+00*	*1.99E+01*	*1.36E+00*	*ND*	*ND*
	Jackrabbit	*TOTAL HxCDD*	*6.07E+00*	*1.92E-01*	*5.09E-03*	*1.01E-02*	*1.01E-02*	*6.50E+01*	*1.83E+00*	*1.99E+01*	*1.36E+00*	*ND*	*ND*
	Jackrabbit	*TOTAL HxCDF*	*6.07E+00*	*1.92E-01*	*5.09E-03*	*1.01E-02*	*1.01E-02*	*6.50E+01*	*1.83E+00*	*1.99E+01*	*1.36E+00*	*ND*	*ND*
	Jackrabbit	*TOTAL PeCDD*	*3.03E+01*	*9.58E-01*	*2.53E-02*	*5.09E-02*	*5.09E-02*	*6.50E+01*	*1.83E+00*	*1.99E+01*	*1.36E+00*	*ND*	*ND*
	Jackrabbit	*TOTAL PeCDF*	*3.03E+01*	*9.58E-01*	*2.53E-02*	*5.09E-02*	*5.09E-02*	*6.50E+01*	*1.83E+00*	*1.99E+01*	*1.36E+00*	*ND*	*ND*
	Jackrabbit	*TOTAL TCDD*	*2.12E-01*	*6.71E-03*	*1.77E-04*	*3.54E-04*	*3.54E-04*	*2.27E-01*	*6.39E-03*	*6.95E-02*	*4.73E-03*	*ND*	*ND*
	Jackrabbit	*TOTAL TCDF*	*9.13E-03*	*2.89E-04*	*7.65E-06*	*1.53E-05*	*1.53E-05*	*9.77E-03*	*2.76E-04*	*3.00E-03*	*2.04E-04*	*ND*	*ND*

[a]No toxicity data.
[b]Italics indicate that hazard quotients represent modeled or calculated data, or data based on 1/2 the method detection limit.

Final Hazard Quotients - Dioxins/Furans in Biota (Invertebrates)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10/11	Beetle	1234678-HpCDD	3.59E-01	1.58E-03	4.17E-05	8.32E-05	8.32E-05	3.84E-01	1.50E-03	1.63E-02	1.11E-03	ND[a]	ND
	Beetle	1234678-HpCDF	1.37E-01	6.03E-04	1.59E-05	3.18E-05	3.18E-05	1.47E-01	5.74E-04	6.24E-03	4.25E-04	ND	ND
	Beetle	123478-HxCDD	1.13E-01	4.98E-04	1.32E-05	2.63E-05	2.63E-05	1.21E-01	4.74E-04	5.16E-03	3.51E-04	ND	ND
	Beetle	123478-HxCDF	9.39E-04	4.13E-06	1.09E-07	2.18E-07	2.18E-07	1.01E-03	3.94E-06	4.28E-05	2.91E-06	ND	ND
	Beetle	1234789-HpCDF	8.33E-04	3.66E-06	9.69E-08	1.93E-07	1.93E-07	8.91E-04	3.49E-06	3.80E-05	2.58E-06	ND	ND
	Beetle	123678-HxCDD	1.59E-01	7.00E-04	1.85E-05	3.70E-05	3.70E-05	1.70E-01	6.68E-04	7.26E-03	4.94E-04	ND	ND
	Beetle	123678-HxCDF	1.82E-03	8.01E-06	2.12E-07	4.23E-07	4.23E-07	1.95E-03	7.64E-06	8.30E-05	5.65E-06	ND	ND
	Beetle	12378-PeCDD	2.67E-01	1.17E-03	3.10E-05	6.23E-05	6.23E-05	2.86E-01	1.12E-03	1.22E-02	8.30E-04	ND	ND
	Beetle	12378-PeCDF	1.97E-02	8.65E-05	2.29E-06	4.60E-06	4.60E-06	2.11E-02	8.28E-05	9.00E-04	6.12E-05	ND	ND
	Beetle	123789-HxCDD	5.99E-04	2.63E-06	6.96E-08	1.39E-07	1.39E-07	6.41E-04	2.51E-06	2.73E-05	1.86E-06	ND	ND
	Beetle	123789-HxCDF	4.47E-04	1.97E-06	5.20E-08	1.04E-07	1.04E-07	4.79E-04	1.87E-06	2.04E-05	1.39E-06	ND	ND
	Beetle	234678-HxCDF	3.85E-01	1.69E-03	4.48E-05	8.94E-05	8.94E-05	4.12E-01	1.61E-03	1.76E-02	1.19E-03	ND	ND
	Beetle	23478-PeCDF	8.24E-01	3.63E-03	9.59E-05	1.93E-04	1.93E-04	8.85E-01	3.47E-03	3.77E-02	2.57E-03	ND	ND
	Beetle	2378-TCDD	3.41E-01	1.50E-03	3.96E-05	7.91E-05	7.91E-05	3.65E-01	1.43E-03	1.55E-02	1.06E-03	ND	ND
	Beetle	2378-TCDF	2.94E-02	1.29E-04	3.42E-06	6.83E-06	6.83E-06	4.20E-02	1.23E-04	1.34E-03	9.12E-05	ND	ND
	Beetle	OCDD	6.78E-02	2.98E-04	7.89E-06	1.57E-05	1.57E-05	7.26E-02	2.84E-04	3.09E-03	2.10E-04	ND	ND
	Beetle	OCDF	7.27E-03	3.20E-05	8.46E-07	1.69E-06	1.69E-06	7.78E-03	3.05E-05	3.31E-04	2.25E-05	ND	ND
	Beetle	TOTAL HpCDD	3.59E-01	1.58E-03	4.17E-05	8.32E-05	8.32E-05	3.84E+01	1.50E-01	1.63E+00	1.11E-01	ND	ND
	Beetle	TOTAL HpCDF	1.37E-01	6.03E-04	1.59E-05	3.18E-05	3.18E-05	1.47E+01	5.74E-02	6.24E-01	4.25E-02	ND	ND
	Beetle	TOTAL HxCDD	4.26E-01	1.87E-03	4.95E-05	9.88E-05	9.88E-05	4.56E+00	1.78E-02	1.94E-01	1.32E-02	ND	ND
	Beetle	TOTAL HxCDF	2.75E+00	1.21E-02	3.20E-04	6.38E-04	6.38E-04	2.94E+01	1.15E-01	1.25E+00	8.52E-02	ND	ND
	Beetle	TOTAL PeCDD	2.67E-01	1.17E-03	3.10E-05	6.23E-05	6.23E-05	5.73E-01	2.24E-03	2.44E-02	1.66E-03	ND	ND
	Beetle	TOTAL PeCDF	3.89E+01	1.71E-01	4.53E-03	9.10E-03	9.10E-03	8.37E+01	3.28E-01	3.56E+00	2.42E-01	ND	ND
	Beetle	TOTAL TCDD	3.41E-01	1.50E-03	3.96E-05	7.91E-05	7.91E-05	3.65E-01	1.43E-03	1.55E-02	1.06E-03	ND	ND
	Beetle	TOTAL TCDF	2.46E+00	1.08E-02	2.87E-04	5.71E-04	5.71E-04	2.64E+00	1.03E-02	1.12E-01	7.63E-03	ND	ND
	Grasshopper	1234678-HpCDD	8.70E-03	3.83E-05	1.01E-06	2.02E-06	2.02E-06	9.31E-03	3.65E-05	3.97E-04	2.70E-05	ND	ND
	Grasshopper	1234678-HpCDF	5.46E-03	2.40E-05	6.35E-07	1.27E-06	1.27E-06	5.84E-03	2.29E-05	2.49E-04	1.69E-05	ND	ND
	Grasshopper	123478-HxCDD	7.89E-02	3.47E-04	9.19E-06	1.83E-05	1.83E-05	8.45E-02	3.31E-04	3.60E-03	2.45E-04	ND	ND
	Grasshopper	123478-HxCDF	5.76E-04	2.53E-06	6.70E-08	1.34E-07	1.34E-07	6.17E-04	2.42E-06	2.63E-05	1.79E-06	ND	ND
	Grasshopper	1234789-HpCDF	7.45E-04	3.28E-06	8.67E-08	1.73E-07	1.73E-07	7.98E-04	3.12E-06	3.40E-05	2.31E-06	ND	ND
	Grasshopper	123678-HxCDD	7.71E-02	3.39E-04	8.97E-06	1.79E-05	1.79E-05	8.26E-02	3.23E-04	3.52E-03	2.39E-04	ND	ND
	Grasshopper	123678-HxCDF	4.33E-04	1.91E-06	5.04E-08	1.00E-07	1.00E-07	4.64E-04	1.82E-06	1.97E-05	1.34E-06	ND	ND
	Grasshopper	12378-PeCDD	3.73E-01	1.64E-03	4.34E-05	8.72E-05	8.72E-05	4.00E-01	1.57E-03	1.71E-02	1.16E-03	ND	ND
	Grasshopper	12378-PeCDF	2.73E-02	1.20E-04	3.18E-06	6.38E-06	6.38E-06	2.93E-02	1.15E-04	1.25E-03	8.49E-05	ND	ND
	Grasshopper	123789-HxCDD	6.99E-04	3.07E-06	8.13E-08	1.62E-07	1.62E-07	7.48E-04	2.93E-06	3.19E-05	2.17E-06	ND	ND
	Grasshopper	123789-HxCDF	5.51E-04	2.42E-06	6.41E-08	1.28E-07	1.28E-07	5.90E-04	2.31E-06	2.51E-05	1.71E-06	ND	ND
	Grasshopper	234678-HxCDF	5.45E-02	2.40E-04	6.34E-06	1.27E-05	1.27E-05	5.84E-02	2.29E-04	2.49E-03	1.69E-04	ND	ND
	Grasshopper	23478-PeCDF	2.49E-01	1.10E-03	2.90E-05	5.82E-05	5.82E-05	2.67E-01	1.05E-03	1.14E-02	7.76E-04	ND	ND
	Grasshopper	2378-TCDD	5.02E-01	2.21E-03	5.85E-05	1.17E-04	1.17E-04	5.38E-01	2.11E-03	2.29E-02	1.56E-03	ND	ND
	Grasshopper	2378-TCDF	4.35E-02	1.91E-04	5.06E-06	1.01E-05	1.01E-05	6.20E-02	1.82E-04	1.98E-03	1.35E-04	ND	ND
	Grasshopper	OCDD	2.06E-03	9.07E-06	2.40E-07	4.78E-07	4.78E-07	2.21E-03	8.64E-06	9.40E-05	6.39E-06	ND	ND

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Final Hazard Quotients - Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10/11 (cont.)	Grasshopper	OCDF	1.49E-03	6.55E-06	1.73E-07	3.46E-07	3.46E-07	1.59E-03	6.25E-06	6.79E-05	4.62E-06	ND	ND
	Grasshopper	TOTAL HpCDD	8.70E-03	3.83E-05	1.01E-06	2.02E-06	2.02E-06	9.31E-01	3.65E-03	3.97E-02	2.70E-03	ND	ND
	Grasshopper	TOTAL HpCDF	6.30E-03	2.77E-05	7.33E-07	1.46E-06	1.46E-06	6.74E-01	2.64E-03	2.87E-02	1.95E-03	ND	ND
	Grasshopper	TOTAL HxCDD	7.51E-02	3.30E-04	8.74E-06	1.74E-05	1.74E-05	8.04E-01	3.15E-03	3.42E-02	2.33E-03	ND	ND
	Grasshopper	TOTAL HxCDF	5.20E-02	2.29E-04	6.05E-06	1.21E-05	1.21E-05	5.56E-01	2.18E-03	2.37E-02	1.61E-03	ND	ND
	Grasshopper	TOTAL PeCDD	3.73E-01	1.64E-03	4.34E-05	8.72E-05	8.72E-05	8.02E-01	3.14E-03	3.42E-02	2.32E-03	ND	ND
	Grasshopper	TOTAL PeCDF	2.61E-01	1.15E-03	3.03E-05	6.09E-05	6.09E-05	5.60E-01	2.19E-03	2.39E-02	1.62E-03	ND	ND
	Grasshopper	TOTAL TCDD	5.02E-01	2.21E-03	5.85E-05	1.17E-04	1.17E-04	5.38E-01	2.11E-03	2.29E-02	1.56E-03	ND	ND
	Grasshopper	TOTAL TCDF	4.35E-02	1.91E-04	5.06E-06	1.01E-05	1.01E-05	4.66E-02	1.82E-04	1.98E-03	1.35E-04	ND	ND
12/15	Grasshopper	1234678-HpCDD	3.91E-02	2.23E-03	5.91E-05	1.18E-04	1.18E-04	4.18E-02	2.13E-03	1.83E-02	1.57E-03	ND	ND
	Grasshopper	1234678-HpCDF	1.30E-02	7.46E-04	1.97E-05	3.93E-05	3.93E-05	1.40E-02	7.11E-04	6.13E-03	5.26E-04	ND	ND
	Grasshopper	123478-HxCDD	1.90E-01	1.09E-02	2.88E-04	5.74E-04	5.74E-04	2.04E-01	1.04E-02	8.94E-02	7.68E-03	ND	ND
	Grasshopper	123478-HxCDF	1.02E-03	5.81E-05	1.54E-06	3.07E-06	3.07E-06	1.09E-03	5.54E-05	4.77E-04	4.10E-05	ND	ND
	Grasshopper	1234789-HpCDF	1.78E-03	1.02E-04	2.69E-06	5.37E-06	5.37E-06	1.91E-03	9.71E-05	8.36E-04	7.18E-05	ND	ND
	Grasshopper	123678-HxCDD	1.86E-01	1.06E-02	2.81E-04	5.61E-04	5.61E-04	1.99E-01	1.01E-02	8.74E-02	7.50E-03	ND	ND
	Grasshopper	123678-HxCDF	7.64E-04	4.37E-05	1.16E-06	2.31E-06	2.31E-06	8.18E-04	4.17E-05	3.59E-04	3.08E-05	ND	ND
	Grasshopper	12378-PeCDD	4.16E-01	2.38E-02	6.29E-04	1.26E-03	1.26E-03	4.46E-01	2.28E-02	1.96E-01	1.68E-02	ND	ND
	Grasshopper	12378-PeCDF	2.77E-02	1.58E-03	4.19E-05	8.41E-05	8.41E-05	2.97E-02	1.52E-03	1.31E-02	1.12E-03	ND	ND
	Grasshopper	123789-HxCDD	1.68E-03	9.63E-05	2.55E-06	5.08E-06	5.08E-06	1.80E-03	9.18E-05	7.91E-04	6.79E-05	ND	ND
	Grasshopper	123789-HxCDF	9.72E-04	5.56E-05	1.47E-06	2.93E-06	2.93E-06	1.04E-03	5.30E-05	4.56E-04	3.92E-05	ND	ND
	Grasshopper	234678-HxCDF	9.62E-02	5.50E-03	1.46E-04	2.90E-04	2.90E-04	1.03E-01	5.24E-03	4.52E-02	3.88E-03	ND	ND
	Grasshopper	23478-PeCDF	8.73E-01	4.99E-02	1.32E-03	2.65E-03	2.65E-03	9.37E-01	4.78E-02	4.12E-01	3.53E-02	ND	ND
	Grasshopper	2378-TCDD	4.64E-01	2.66E-02	7.02E-04	1.40E-03	1.40E-03	4.97E-01	2.53E-02	2.18E-01	1.87E-02	ND	ND
	Grasshopper	2378-TCDF	3.89E-02	2.23E-03	5.89E-05	1.17E-04	1.17E-04	5.55E-02	2.12E-03	1.83E-02	1.57E-03	ND	ND
	Grasshopper	OCDD	2.95E-02	1.68E-03	4.46E-05	8.89E-05	8.89E-05	3.15E-02	1.61E-03	1.38E-02	1.19E-03	ND	ND
	Grasshopper	OCDF	5.32E-03	3.04E-04	8.05E-06	1.61E-05	1.61E-05	5.70E-03	2.90E-04	2.50E-03	2.15E-04	ND	ND
	Grasshopper	TOTAL HpCDD	3.91E-02	2.23E-03	5.91E-05	1.18E-04	1.18E-04	4.18E+00	2.13E-01	1.83E+00	1.57E-01	ND	ND
	Grasshopper	TOTAL HpCDF	1.51E-02	8.61E-04	2.28E-05	4.54E-05	4.54E-05	1.61E+00	8.21E-02	7.07E-01	6.07E-02	ND	ND
	Grasshopper	TOTAL HxCDD	1.81E-01	1.04E-02	2.74E-04	5.46E-04	5.46E-04	1.94E+00	9.87E-02	8.50E-01	7.30E-02	ND	ND
	Grasshopper	TOTAL HxCDF	9.18E-02	5.25E-03	1.39E-04	2.77E-04	2.77E-04	9.83E-01	5.00E-02	4.31E-01	3.70E-02	ND	ND
	Grasshopper	TOTAL PeCDD	4.16E-01	2.38E-02	6.29E-04	1.26E-03	1.26E-03	8.94E-01	4.55E-02	3.92E-01	3.37E-02	ND	ND
	Grasshopper	TOTAL PeCDF	2.65E-01	1.51E-02	4.00E-04	8.04E-04	8.04E-04	5.69E-01	2.89E-02	2.49E-01	2.14E-02	ND	ND
	Grasshopper	TOTAL TCDD	4.64E-01	2.66E-02	7.02E-04	1.40E-03	1.40E-03	4.97E-01	2.53E-02	2.18E-01	1.87E-02	ND	ND
	Grasshopper	TOTAL TCDF	3.89E-02	2.23E-03	5.89E-05	1.17E-04	1.17E-04	4.17E-02	2.12E-03	1.83E-02	1.57E-03	ND	ND
1b/1c	Grasshopper	1234678-HpCDD	2.82E-02	5.09E-04	1.35E-05	2.69E-05	2.69E-05	3.02E-02	4.85E-04	5.28E-03	3.59E-04	ND	ND
	Grasshopper	1234678-HpCDF	9.50E-04	1.71E-05	4.53E-07	9.03E-07	9.03E-07	1.02E-03	1.63E-05	1.77E-04	1.21E-05	ND	ND
	Grasshopper	123478-HxCDD	1.51E-02	2.72E-04	7.19E-06	1.43E-05	1.43E-05	1.61E-02	2.59E-04	2.82E-03	1.92E-04	ND	ND
	Grasshopper	123478-HxCDF	1.01E-04	1.83E-06	4.83E-08	9.63E-08	9.63E-08	1.08E-04	1.74E-06	1.89E-05	1.29E-06	ND	ND
	Grasshopper	1234789-HpCDF	1.30E-04	2.34E-06	6.20E-08	1.24E-07	1.24E-07	1.39E-04	2.23E-06	2.43E-05	1.65E-06	ND	ND
	Grasshopper	123678-HxCDD	1.48E-02	2.66E-04	7.04E-06	1.40E-05	1.40E-05	1.58E-02	2.54E-04	2.76E-03	1.88E-04	ND	ND
	Grasshopper	123678-HxCDF	7.62E-05	1.37E-06	3.63E-08	7.25E-08	7.25E-08	8.15E-05	1.31E-06	1.42E-05	9.68E-07	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1b/1c (cont.)	Grasshopper	12378-PeCDD	6.32E-02	1.14E-03	3.01E-05	6.05E-05	6.05E-05	6.78E-02	1.09E-03	1.18E-02	8.06E-04	ND	ND
	Grasshopper	12378-PeCDF	4.52E-03	8.16E-05	2.16E-06	4.33E-06	4.33E-06	4.85E-03	7.80E-05	8.48E-04	5.77E-05	ND	ND
	Grasshopper	123789-HxCDD	1.34E-04	2.41E-06	6.37E-08	1.27E-07	1.27E-07	1.43E-04	2.30E-06	2.50E-05	1.70E-06	ND	ND
	Grasshopper	123789-HxCDF	9.71E-05	1.75E-06	4.63E-08	9.23E-08	9.23E-08	1.04E-04	1.67E-06	1.81E-05	1.23E-06	ND	ND
	Grasshopper	234678-HxCDF	1.83E-02	3.29E-04	8.71E-06	1.74E-05	1.74E-05	1.95E-02	3.14E-04	3.41E-03	2.32E-04	ND	ND
	Grasshopper	23478-PeCDF	4.13E-02	7.45E-04	1.97E-05	3.96E-05	3.96E-05	4.43E-02	7.13E-04	7.75E-03	5.27E-04	ND	ND
	Grasshopper	2378-TCDD	9.91E-02	1.79E-03	4.73E-05	9.43E-05	9.43E-05	1.06E-01	1.70E-03	1.85E-02	1.26E-03	ND	ND
	Grasshopper	2378-TCDF	8.71E-03	1.57E-04	4.16E-06	8.29E-06	8.29E-06	1.24E-02	1.50E-04	1.63E-03	1.11E-04	ND	ND
	Grasshopper	OCDD	8.05E-03	1.45E-04	3.84E-06	7.66E-06	7.66E-06	8.62E-03	1.38E-04	1.50E-03	1.02E-04	ND	ND
	Grasshopper	OCDF	4.22E-04	7.62E-06	2.02E-07	4.02E-07	4.02E-07	4.52E-04	7.26E-06	7.90E-05	5.37E-06	ND	ND
	Grasshopper	TOTAL HpCDD	3.66E-02	6.60E-04	1.75E-05	3.48E-05	3.48E-05	3.92E+00	6.29E-02	6.84E-01	4.65E-02	ND	ND
	Grasshopper	TOTAL HpCDF	1.10E-03	1.98E-05	5.23E-07	1.04E-06	1.04E-06	1.17E-01	1.88E-03	2.05E-02	1.39E-03	ND	ND
	Grasshopper	TOTAL HxCDD	1.43E-02	2.59E-04	6.85E-06	1.37E-05	1.37E-05	1.54E-01	2.47E-03	2.68E-02	1.82E-03	ND	ND
	Grasshopper	TOTAL HxCDF	9.35E-03	1.69E-04	4.46E-06	8.90E-06	8.90E-06	1.00E-01	1.61E-03	1.75E-02	1.19E-03	ND	ND
	Grasshopper	TOTAL PeCDD	6.32E-02	1.14E-03	3.01E-05	6.05E-05	6.05E-05	1.36E-01	2.18E-03	2.37E-02	1.61E-03	ND	ND
	Grasshopper	TOTAL PeCDF	4.31E-02	7.78E-04	2.06E-05	4.13E-05	4.13E-05	9.27E-02	1.49E-03	1.62E-02	1.10E-03	ND	ND
	Grasshopper	TOTAL TCDD	9.91E-02	1.79E-03	4.73E-05	9.43E-05	9.43E-05	1.06E-01	1.70E-03	1.85E-02	1.26E-03	ND	ND
	Grasshopper	TOTAL TCDF	8.71E-03	1.57E-04	4.16E-06	8.29E-06	8.29E-06	9.33E-03	1.50E-04	1.63E-03	1.11E-04	ND	ND
21/37	Beetle	1234678-HpCDD	1.94E-01	1.41E-04	3.73E-06	7.44E-06	7.44E-06	2.08E-01	1.34E-04	1.46E-03	9.94E-05	ND	ND
	Beetle	1234678-HpCDF	5.22E-03	3.79E-06	1.00E-07	2.00E-07	2.00E-07	5.59E-03	3.61E-06	3.92E-05	2.67E-06	ND	ND
	Beetle	123478-HxCDD	7.54E-02	5.47E-05	1.45E-06	2.89E-06	2.89E-06	8.07E-02	5.21E-05	5.67E-04	3.86E-05	ND	ND
	Beetle	123478-HxCDF	4.42E-04	3.21E-07	8.50E-09	1.69E-08	1.69E-08	4.74E-04	3.06E-07	3.33E-06	2.26E-07	ND	ND
	Beetle	1234789-HpCDF	9.51E-04	6.90E-07	1.83E-08	3.64E-08	3.64E-08	1.02E-03	6.58E-07	7.15E-06	4.86E-07	ND	ND
	Beetle	123678-HxCDD	1.76E-01	1.28E-04	3.39E-06	6.75E-06	6.75E-06	1.89E-01	1.22E-04	1.33E-03	9.02E-05	ND	ND
	Beetle	123678-HxCDF	3.33E-04	2.42E-07	6.39E-09	1.27E-08	1.27E-08	3.56E-04	2.30E-07	2.50E-06	1.70E-07	ND	ND
	Beetle	12378-PeCDD	2.16E-01	1.57E-04	4.14E-06	8.32E-06	8.32E-06	2.31E-01	1.50E-04	1.63E-03	1.11E-04	ND	ND
	Beetle	12378-PeCDF	1.47E-02	1.07E-05	2.82E-07	5.67E-07	5.67E-07	1.58E-02	1.02E-05	1.11E-04	7.55E-06	ND	ND
	Beetle	123789-HxCDD	1.56E-03	1.13E-06	3.00E-08	5.98E-08	5.98E-08	1.67E-03	1.08E-06	1.17E-05	7.99E-07	ND	ND
	Beetle	123789-HxCDF	4.24E-04	3.08E-07	8.13E-09	1.62E-08	1.62E-08	4.54E-04	2.93E-07	3.19E-06	2.17E-07	ND	ND
	Beetle	234678-HxCDF	3.91E-02	2.84E-05	7.51E-07	1.50E-06	1.50E-06	4.19E-02	2.71E-05	2.94E-04	2.00E-05	ND	ND
	Beetle	23478-PeCDF	1.46E-01	1.06E-04	2.80E-06	5.63E-06	5.63E-06	1.57E-01	1.01E-04	1.10E-03	7.50E-05	ND	ND
	Beetle	2378-TCDD	3.10E-01	2.25E-04	5.95E-06	1.19E-05	1.19E-05	3.32E-01	2.14E-04	2.33E-03	1.58E-04	ND	ND
	Beetle	2378-TCDF	2.33E-02	1.69E-05	4.47E-07	8.91E-07	8.91E-07	3.32E-02	1.61E-05	1.75E-04	1.19E-05	ND	ND
	Beetle	OCDD	3.16E-03	2.29E-06	6.06E-08	1.21E-07	1.21E-07	3.38E-03	2.18E-06	2.38E-05	1.62E-06	ND	ND
	Beetle	OCDF	2.59E-03	1.88E-06	4.98E-08	9.92E-08	9.92E-08	2.77E-03	1.79E-06	1.95E-05	1.33E-06	ND	ND
	Beetle	TOTAL HpCDD	3.07E-01	2.23E-04	5.90E-06	1.18E-05	1.18E-05	3.29E+01	2.13E-02	2.31E-01	1.57E-02	ND	ND
	Beetle	TOTAL HpCDF	7.31E-03	5.30E-06	1.40E-07	2.80E-07	2.80E-07	7.82E-01	5.05E-04	5.49E-03	3.74E-04	ND	ND
	Beetle	TOTAL HxCDD	9.43E-01	6.85E-04	1.81E-05	3.61E-05	3.61E-05	1.01E+01	6.52E-03	7.09E-02	4.83E-03	ND	ND
	Beetle	TOTAL HxCDF	3.52E-01	2.55E-04	6.76E-06	1.35E-05	1.35E-05	3.77E+00	2.43E-03	2.65E-02	1.80E-03	ND	ND
	Beetle	TOTAL PeCDD	1.20E+00	8.69E-04	2.30E-05	4.62E-05	4.62E-05	2.57E+00	1.66E-03	1.81E-02	1.23E-03	ND	ND
	Beetle	TOTAL PeCDF	7.19E-01	5.22E-04	1.38E-05	2.77E-05	2.77E-05	1.55E+00	9.99E-04	1.09E-02	7.39E-04	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
21/37 (cont.)	Beetle	TOTAL TCDD	9.12E-01	6.62E-04	1.75E-05	3.49E-05	3.49E-05	9.76E-01	6.31E-04	6.86E-03	4.66E-04	ND	ND
	Beetle	TOTAL TCDF	4.95E-02	3.60E-05	9.51E-07	1.90E-06	1.90E-06	5.30E-02	3.43E-05	3.73E-04	2.53E-05	ND	ND
	Grasshopper	1234678-HpCDD	2.05E-02	1.49E-05	3.94E-07	7.85E-07	7.85E-07	2.19E-02	1.42E-05	1.54E-04	1.05E-05	ND	ND
	Grasshopper	1234678-HpCDF	1.16E-02	8.45E-06	2.24E-07	4.46E-07	4.46E-07	1.25E-02	8.05E-06	8.76E-05	5.96E-06	ND	ND
	Grasshopper	123478-HxCDD	1.22E-01	8.85E-05	2.34E-06	4.67E-06	4.67E-06	1.31E-01	8.44E-05	9.17E-04	6.24E-05	ND	ND
	Grasshopper	123478-HxCDF	7.86E-04	5.71E-07	1.51E-08	3.01E-08	3.01E-08	8.42E-04	5.44E-07	5.91E-06	4.02E-07	ND	ND
	Grasshopper	1234789-HpCDF	1.59E-03	1.15E-06	3.05E-08	6.08E-08	6.08E-08	1.70E-03	1.10E-06	1.20E-05	8.13E-07	ND	ND
	Grasshopper	123678-HxCDD	1.19E-01	8.65E-05	2.29E-06	4.56E-06	4.56E-06	1.28E-01	8.24E-05	8.96E-04	6.09E-05	ND	ND
	Grasshopper	123678-HxCDF	5.92E-04	4.29E-07	1.14E-08	2.27E-08	2.27E-08	6.33E-04	4.09E-07	4.45E-06	3.03E-07	ND	ND
	Grasshopper	12378-PeCDD	3.94E-01	2.86E-04	7.56E-06	1.52E-05	1.52E-05	4.22E-01	2.73E-04	2.97E-03	2.02E-04	ND	ND
	Grasshopper	12378-PeCDF	2.66E-02	1.93E-05	5.12E-07	1.03E-06	1.03E-06	2.86E-02	1.85E-05	2.01E-04	1.37E-05	ND	ND
	Grasshopper	123789-HxCDD	1.08E-03	7.83E-07	2.07E-08	4.13E-08	4.13E-08	1.16E-03	7.46E-07	8.12E-06	5.52E-07	ND	ND
	Grasshopper	123789-HxCDF	7.52E-04	5.46E-07	1.44E-08	2.88E-08	2.88E-08	8.05E-04	5.20E-07	5.66E-06	3.85E-07	ND	ND
	Grasshopper	234678-HxCDF	7.45E-02	5.40E-05	1.43E-06	2.85E-06	2.85E-06	7.97E-02	5.15E-05	5.60E-04	3.81E-05	ND	ND
	Grasshopper	23478-PeCDF	2.43E-01	1.77E-04	4.67E-06	9.38E-06	9.38E-06	2.61E-01	1.69E-04	1.84E-03	1.25E-04	ND	ND
	Grasshopper	2378-TCDD	4.59E-01	3.33E-04	8.82E-06	1.76E-05	1.76E-05	4.92E-01	3.18E-04	3.45E-03	2.35E-04	ND	ND
	Grasshopper	2378-TCDF	4.09E-02	2.97E-05	7.85E-07	1.57E-06	1.57E-06	5.83E-02	2.83E-05	3.08E-04	2.09E-05	ND	ND
	Grasshopper	OCDD	5.21E-03	3.78E-06	1.00E-07	1.99E-07	1.99E-07	5.58E-03	3.60E-06	3.92E-05	2.66E-06	ND	ND
	Grasshopper	OCDF	4.71E-03	3.42E-06	9.04E-08	1.80E-07	1.80E-07	5.04E-03	3.26E-06	3.54E-05	2.41E-06	ND	ND
	Grasshopper	TOTAL HpCDD	2.05E-02	1.49E-05	3.94E-07	7.85E-07	7.85E-07	2.19E+00	1.42E-03	1.54E-02	1.05E-03	ND	ND
	Grasshopper	TOTAL HpCDF	1.34E-02	9.76E-06	2.58E-07	5.15E-07	5.15E-07	1.44E+00	9.30E-04	1.01E-02	6.88E-04	ND	ND
	Grasshopper	TOTAL HxCDD	1.16E-01	8.41E-05	2.23E-06	4.44E-06	4.44E-06	1.24E+00	8.02E-04	8.72E-03	5.93E-04	ND	ND
	Grasshopper	TOTAL HxCDF	7.10E-02	5.15E-05	1.36E-06	2.72E-06	2.72E-06	7.60E-01	4.91E-04	5.34E-03	3.63E-04	ND	ND
	Grasshopper	TOTAL PeCDD	3.94E-01	2.86E-04	7.56E-06	1.52E-05	1.52E-05	8.46E-01	5.47E-04	5.95E-03	4.04E-04	ND	ND
	Grasshopper	TOTAL PeCDF	2.54E-01	1.84E-04	4.88E-06	9.80E-06	9.80E-06	5.46E-01	3.53E-04	3.84E-03	2.61E-04	ND	ND
	Grasshopper	TOTAL TCDD	4.59E-01	3.33E-04	8.82E-06	1.76E-05	1.76E-05	4.92E-01	3.18E-04	3.45E-03	2.35E-04	ND	ND
	Grasshopper	TOTAL TCDF	4.09E-02	2.97E-05	7.85E-07	1.57E-06	1.57E-06	4.38E-02	2.83E-05	3.08E-04	2.09E-05	ND	ND
42/45	Beetle	1234678-HpCDD	8.17E-02	2.95E-03	7.79E-05	1.55E-04	1.55E-04	8.74E-02	2.81E-03	3.05E-02	2.08E-03	ND	ND
	Beetle	1234678-HpCDF	1.77E-03	6.40E-05	1.69E-06	3.38E-06	3.38E-06	1.90E-03	6.10E-05	6.63E-04	4.51E-05	ND	ND
	Beetle	123478-HxCDD	1.64E-02	5.91E-04	1.56E-05	3.12E-05	3.12E-05	1.75E-02	5.63E-04	6.12E-03	4.17E-04	ND	ND
	Beetle	123478-HxCDF	5.74E-05	2.07E-06	5.48E-08	1.09E-07	1.09E-07	6.14E-05	1.97E-06	2.15E-05	1.46E-06	ND	ND
	Beetle	1234789-HpCDF	2.42E-04	8.73E-06	2.31E-07	4.61E-07	4.61E-07	2.59E-04	8.32E-06	9.05E-05	6.16E-06	ND	ND
	Beetle	123678-HxCDD	1.10E-01	3.95E-03	1.05E-04	2.08E-04	2.08E-04	1.17E-01	3.77E-03	4.09E-02	2.78E-03	ND	ND
	Beetle	123678-HxCDF	2.61E-05	9.41E-07	2.49E-08	4.96E-08	4.96E-08	2.79E-05	8.97E-07	9.75E-06	6.63E-07	ND	ND
	Beetle	12378-PeCDD	1.25E-01	4.50E-03	1.19E-04	2.39E-04	2.39E-04	1.34E-01	4.31E-03	4.68E-02	3.18E-03	ND	ND
	Beetle	12378-PeCDF	4.34E-03	1.57E-04	4.14E-06	8.31E-06	8.31E-06	4.66E-03	1.50E-04	1.63E-03	1.11E-04	ND	ND
	Beetle	123789-HxCDD	1.45E-04	5.23E-06	1.38E-07	2.76E-07	2.76E-07	1.55E-04	4.99E-06	5.42E-05	3.69E-06	ND	ND
	Beetle	123789-HxCDF	1.09E-04	3.93E-06	1.04E-07	2.07E-07	2.07E-07	1.17E-04	3.75E-06	4.08E-05	2.77E-06	ND	ND
	Beetle	234678-HxCDF	1.93E-02	6.96E-04	1.84E-05	3.67E-05	3.67E-05	2.07E-02	6.64E-04	7.22E-03	4.91E-04	ND	ND
	Beetle	23478-PeCDF	7.02E-02	2.53E-03	6.70E-05	1.34E-04	1.34E-04	7.53E-02	2.42E-03	2.63E-02	1.79E-03	ND	ND
	Beetle	2378-TCDD	1.51E-01	5.46E-03	1.44E-04	2.88E-04	2.88E-04	1.62E-01	5.20E-03	5.66E-02	3.85E-03	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
42/45 (cont.)	Beetle	2378-TCDF	6.89E-03	2.48E-04	6.57E-06	1.31E-05	1.31E-05	9.82E-03	2.37E-04	2.57E-03	1.75E-04	ND	ND
	Beetle	OCDD	5.57E-04	2.01E-05	5.32E-07	1.06E-06	1.06E-06	5.97E-04	1.92E-05	2.08E-04	1.42E-05	ND	ND
	Beetle	OCDF	6.78E-04	2.45E-05	6.47E-07	1.29E-06	1.29E-06	7.26E-04	2.33E-05	2.54E-04	1.72E-05	ND	ND
	Beetle	TOTAL HpCDD	2.69E-03	9.69E-05	2.56E-06	5.11E-06	5.11E-06	2.88E-01	9.24E-03	1.00E-01	6.83E-03	ND	ND
	Beetle	TOTAL HpCDF	2.05E-03	7.38E-05	1.95E-06	3.89E-06	3.89E-06	2.19E-01	7.03E-03	7.65E-02	5.20E-03	ND	ND
	Beetle	TOTAL HxCDD	1.56E-02	5.63E-04	1.49E-05	2.97E-05	2.97E-05	1.67E-01	5.36E-03	5.83E-02	3.97E-03	ND	ND
	Beetle	TOTAL HxCDF	1.03E-02	3.71E-04	9.81E-06	1.96E-05	1.96E-05	1.10E-01	3.53E-03	3.84E-02	2.61E-03	ND	ND
	Beetle	TOTAL PeCDD	1.52E-01	5.49E-03	1.45E-04	2.92E-04	2.92E-04	3.27E-01	1.05E-02	1.14E-01	7.77E-03	ND	ND
	Beetle	TOTAL PeCDF	4.42E-01	1.59E-02	4.22E-04	8.46E-04	8.46E-04	9.50E-01	3.05E-02	3.32E-01	2.26E-02	ND	ND
	Beetle	TOTAL TCDD	2.71E-01	9.79E-03	2.59E-04	5.16E-04	5.16E-04	2.90E-01	9.33E-03	1.01E-01	6.90E-03	ND	ND
	Beetle	TOTAL TCDF	2.50E-02	9.03E-04	2.39E-05	4.77E-05	4.77E-05	2.68E-02	8.61E-04	9.36E-03	6.37E-04	ND	ND
	Grasshopper	1234678-HpCDD	2.71E-03	9.79E-05	2.59E-06	5.16E-06	5.16E-06	2.90E-03	9.33E-05	1.01E-03	6.90E-05	ND	ND
	Grasshopper	1234678-HpCDF	1.18E-03	4.27E-05	1.13E-06	2.25E-06	2.25E-06	1.27E-03	4.07E-05	4.43E-04	3.01E-05	ND	ND
	Grasshopper	123478-HxCDD	1.34E-02	4.84E-04	1.28E-05	2.55E-05	2.55E-05	1.44E-02	4.61E-04	5.01E-03	3.41E-04	ND	ND
	Grasshopper	123478-HxCDF	9.71E-05	3.50E-06	9.26E-08	1.85E-07	1.85E-07	1.04E-04	3.34E-06	3.63E-05	2.47E-06	ND	ND
	Grasshopper	1234789-HpCDF	1.61E-04	5.82E-06	1.54E-07	3.07E-07	3.07E-07	1.73E-04	5.54E-06	6.03E-05	4.10E-06	ND	ND
	Grasshopper	123678-HxCDD	1.31E-02	4.74E-04	1.25E-05	2.50E-05	2.50E-05	1.41E-02	4.52E-04	4.92E-03	3.34E-04	ND	ND
	Grasshopper	123678-HxCDF	7.31E-05	2.63E-06	6.97E-08	1.39E-07	1.39E-07	7.82E-05	2.51E-06	2.73E-05	1.86E-06	ND	ND
	Grasshopper	12378-PeCDD	6.81E-02	2.46E-03	6.50E-05	1.30E-04	1.30E-04	7.31E-02	2.35E-03	2.56E-02	1.74E-03	ND	ND
	Grasshopper	12378-PeCDF	4.42E-03	1.59E-04	4.22E-06	8.46E-06	8.46E-06	4.74E-03	1.52E-04	1.66E-03	1.13E-04	ND	ND
	Grasshopper	123789-HxCDD	1.19E-04	4.29E-06	1.14E-07	2.26E-07	2.26E-07	1.27E-04	4.09E-06	4.45E-05	3.02E-06	ND	ND
	Grasshopper	123789-HxCDF	9.29E-05	3.35E-06	8.86E-08	1.77E-07	1.77E-07	9.94E-05	3.19E-06	3.47E-05	2.36E-06	ND	ND
	Grasshopper	234678-HxCDF	1.41E-02	5.08E-04	1.34E-05	2.68E-05	2.68E-05	1.51E-02	4.84E-04	5.27E-03	3.58E-04	ND	ND
	Grasshopper	23478-PeCDF	4.05E-02	1.46E-03	3.87E-05	7.77E-05	7.77E-05	4.35E-02	1.40E-03	1.52E-02	1.03E-03	ND	ND
	Grasshopper	2378-TCDD	8.35E-02	3.01E-03	7.97E-05	1.59E-04	1.59E-04	8.94E-02	2.87E-03	3.12E-02	2.12E-03	ND	ND
	Grasshopper	2378-TCDF	7.31E-03	2.63E-04	6.97E-06	1.39E-05	1.39E-05	1.04E-02	2.51E-04	2.73E-03	1.86E-04	ND	ND
	Grasshopper	OCDD	1.15E-03	4.14E-05	1.10E-06	2.18E-06	2.18E-06	1.23E-03	3.95E-05	4.29E-04	2.92E-05	ND	ND
	Grasshopper	OCDF	3.50E-04	1.26E-05	3.34E-07	6.65E-07	6.65E-07	3.74E-04	1.20E-05	1.31E-04	8.89E-06	ND	ND
	Grasshopper	TOTAL HpCDD	7.45E-03	2.69E-04	7.11E-06	1.42E-05	1.42E-05	7.97E-01	2.56E-02	2.78E-01	1.89E-02	ND	ND
	Grasshopper	TOTAL HpCDF	1.37E-03	4.93E-05	1.30E-06	2.60E-06	2.60E-06	1.46E-01	4.70E-03	5.11E-02	3.48E-03	ND	ND
	Grasshopper	TOTAL HxCDD	1.28E-02	4.61E-04	1.22E-05	2.43E-05	2.43E-05	1.37E-01	4.39E-03	4.78E-02	3.25E-03	ND	ND
	Grasshopper	TOTAL HxCDF	3.10E-02	1.12E-03	2.96E-05	5.90E-05	5.90E-05	3.32E-01	1.07E-02	1.16E-01	7.89E-03	ND	ND
	Grasshopper	TOTAL PeCDD	6.81E-02	2.46E-03	6.50E-05	1.30E-04	1.30E-04	1.46E-01	4.70E-03	5.11E-02	3.48E-03	ND	ND
	Grasshopper	TOTAL PeCDF	4.24E-02	1.53E-03	4.04E-05	8.12E-05	8.12E-05	9.10E-02	2.92E-03	3.18E-02	2.16E-03	ND	ND
	Grasshopper	TOTAL TCDD	8.35E-02	3.01E-03	7.97E-05	1.59E-04	1.59E-04	8.94E-02	2.87E-03	3.12E-02	2.12E-03	ND	ND
	Grasshopper	TOTAL TCDF	7.31E-03	2.63E-04	6.97E-06	1.39E-05	1.39E-05	7.82E-03	2.51E-04	2.73E-03	1.86E-04	ND	ND
RSA	Beetle	1234678-HpCDD	3.18E-03	6.65E-04	2.37E-04	4.73E-04	4.73E-04	3.41E-03	5.34E-04	1.49E-03	4.82E-03	ND	ND
	Beetle	1234678-HpCDF	2.06E-03	4.30E-04	1.53E-04	3.05E-04	3.05E-04	2.20E-03	3.45E-04	9.65E-04	3.11E-03	ND	ND
	Beetle	123478-HxCDD	2.77E-02	5.78E-03	2.06E-03	4.11E-03	4.11E-03	2.96E-02	4.64E-03	1.30E-02	4.19E-02	ND	ND
	Beetle	123478-HxCDF	1.71E-04	3.58E-05	1.27E-05	2.54E-05	2.54E-05	1.83E-04	2.87E-05	8.04E-05	2.59E-04	ND	ND
	Beetle	1234789-HpCDF	2.81E-04	5.87E-05	2.09E-05	4.17E-05	4.17E-05	3.01E-04	4.71E-05	1.32E-04	4.25E-04	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Beetle	123678-HxCDD	2.70E-02	5.65E-03	2.01E-03	4.01E-03	4.01E-03	2.89E-02	4.53E-03	1.27E-02	4.09E-02	ND	ND
	Beetle	123678-HxCDF	1.29E-04	2.69E-05	9.60E-06	1.91E-05	1.91E-05	1.38E-04	2.16E-05	6.05E-05	1.95E-04	ND	ND
	Beetle	12378-PeCDD	2.52E-01	5.27E-02	1.88E-02	3.77E-02	3.77E-02	2.71E-01	4.25E-02	1.19E-01	3.84E-01	ND	ND
	Beetle	12378-PeCDF	1.68E-02	3.51E-03	1.25E-03	2.51E-03	2.51E-03	1.80E-02	2.83E-03	7.91E-03	2.55E-02	ND	ND
	Beetle	123789-HxCDD	2.45E-04	5.11E-05	1.82E-05	3.63E-05	3.63E-05	2.62E-04	4.10E-05	1.15E-04	3.71E-04	ND	ND
	Beetle	123789-HxCDF	1.64E-04	3.42E-05	1.22E-05	2.43E-05	2.43E-05	1.75E-04	2.75E-05	7.69E-05	2.48E-04	ND	ND
	Beetle	234678-HxCDF	8.35E-03	1.74E-03	6.22E-04	1.24E-03	1.24E-03	8.94E-03	1.40E-03	3.92E-03	1.26E-02	ND	ND
	Beetle	23478-PeCDF	1.53E-01	3.20E-02	1.14E-02	2.29E-02	2.29E-02	1.65E-01	2.58E-02	7.23E-02	2.33E-01	ND	ND
	Beetle	2378-TCDD	4.44E-01	9.28E-02	3.31E-02	6.59E-02	6.59E-02	4.75E-01	7.45E-02	2.08E-01	6.72E-01	ND	ND
	Beetle	2378-TCDF	3.44E-02	7.18E-03	2.56E-03	5.11E-03	5.11E-03	4.90E-02	5.77E-03	1.61E-02	5.21E-02	ND	ND
	Beetle	OCDD	9.55E-04	2.00E-04	7.11E-05	1.42E-04	1.42E-04	1.02E-03	1.60E-04	4.49E-04	1.45E-03	ND	ND
	Beetle	OCDF	7.84E-04	1.64E-04	5.84E-05	1.16E-04	1.16E-04	8.40E-04	1.32E-04	3.68E-04	1.19E-03	ND	ND
	Beetle	TOTAL HpCDD	3.18E-03	6.65E-04	2.37E-04	4.73E-04	4.73E-04	3.41E-01	5.34E-02	1.49E-01	4.82E-01	ND	ND
	Beetle	TOTAL HpCDF	2.37E-03	4.96E-04	1.77E-04	3.53E-04	3.53E-04	2.54E-01	3.98E-02	1.11E-01	3.59E-01	ND	ND
	Beetle	TOTAL HxCDD	2.63E-02	5.49E-03	1.96E-03	3.91E-03	3.91E-03	2.82E-01	4.41E-02	1.23E-01	3.98E-01	ND	ND
	Beetle	TOTAL HxCDF	8.35E-03	1.74E-03	6.22E-04	1.24E-03	1.24E-03	8.94E-02	1.40E-02	3.92E-02	1.26E-01	ND	ND
	Beetle	TOTAL PeCDD	2.52E-01	5.27E-02	1.88E-02	3.77E-02	3.77E-02	5.42E-01	8.50E-02	2.38E-01	7.67E-01	ND	ND
	Beetle	TOTAL PeCDF	1.60E-01	3.35E-02	1.19E-02	2.40E-02	2.40E-02	3.45E-01	5.40E-02	1.51E-01	4.87E-01	ND	ND
	Beetle	TOTAL TCDD	5.22E+01	1.09E+01	3.89E+00	7.75E+00	7.75E+00	5.59E+01	8.76E+00	2.45E+01	7.91E+01	ND	ND
	Beetle	TOTAL TCDF	3.44E-02	7.18E-03	2.56E-03	5.11E-03	5.11E-03	3.68E-02	5.77E-03	1.61E-02	5.21E-02	ND	ND
	Grasshopper	1234678-HpCDD	8.02E-03	1.68E-03	5.97E-04	1.19E-03	1.19E-03	8.59E-03	1.34E-03	3.77E-03	1.21E-02	ND	ND
	Grasshopper	1234678-HpCDF	4.41E-03	9.21E-04	3.28E-04	6.55E-04	6.55E-04	4.72E-03	7.39E-04	2.07E-03	6.68E-03	ND	ND
	Grasshopper	123478-HxCDD	6.39E-02	1.33E-02	4.76E-03	9.48E-03	9.48E-03	6.84E-02	1.07E-02	3.00E-02	9.67E-02	ND	ND
	Grasshopper	123478-HxCDF	3.64E-04	7.61E-05	2.71E-05	5.41E-05	5.41E-05	3.90E-04	6.11E-05	1.71E-04	5.51E-04	ND	ND
	Grasshopper	1234789-HpCDF	6.02E-04	1.26E-04	4.48E-05	8.93E-05	8.93E-05	6.44E-04	1.01E-04	2.82E-04	9.11E-04	ND	ND
	Grasshopper	123678-HxCDD	6.24E-02	1.30E-02	4.65E-03	9.27E-03	9.27E-03	6.68E-02	1.05E-02	2.93E-02	9.45E-02	ND	ND
	Grasshopper	123678-HxCDF	2.74E-04	5.72E-05	2.04E-05	4.07E-05	4.07E-05	2.93E-04	4.59E-05	1.29E-04	4.15E-04	ND	ND
	Grasshopper	12378-PeCDD	4.53E-01	9.47E-02	3.38E-02	6.78E-02	6.78E-02	4.86E-01	7.63E-02	2.14E-01	6.89E-01	ND	ND
	Grasshopper	12378-PeCDF	2.39E-02	5.00E-03	1.78E-03	3.58E-03	3.58E-03	2.57E-02	4.03E-03	1.13E-02	3.64E-02	ND	ND
	Grasshopper	123789-HxCDD	5.65E-04	1.18E-04	4.21E-05	8.39E-05	8.39E-05	6.05E-04	9.48E-05	2.65E-04	8.56E-04	ND	ND
	Grasshopper	123789-HxCDF	3.48E-04	7.27E-05	2.59E-05	5.17E-05	5.17E-05	3.73E-04	5.84E-05	1.63E-04	5.27E-04	ND	ND
	Grasshopper	234678-HxCDF	3.45E-02	7.21E-03	2.57E-03	5.12E-03	5.12E-03	3.69E-02	5.78E-03	1.62E-02	5.22E-02	ND	ND
	Grasshopper	23478-PeCDF	2.19E-01	4.57E-02	1.63E-02	3.27E-02	3.27E-02	2.35E-01	3.68E-02	1.03E-01	3.32E-01	ND	ND
	Grasshopper	2378-TCDD	5.35E-01	1.12E-01	3.98E-02	7.94E-02	7.94E-02	5.73E-01	8.97E-02	2.51E-01	8.10E-01	ND	ND
	Grasshopper	2378-TCDF	4.25E-02	8.89E-03	3.17E-03	6.31E-03	6.31E-03	6.06E-02	7.13E-03	2.00E-02	6.44E-02	ND	ND
	Grasshopper	OCDD	1.93E-03	4.03E-04	1.44E-04	2.87E-04	2.87E-04	2.07E-03	3.24E-04	9.06E-04	2.92E-03	ND	ND
	Grasshopper	OCDF	1.58E-03	3.31E-04	1.18E-04	2.35E-04	2.35E-04	1.70E-03	2.66E-04	7.44E-04	2.40E-03	ND	ND
	Grasshopper	TOTAL HpCDD	8.02E-03	1.68E-03	5.97E-04	1.19E-03	1.19E-03	8.59E-01	1.34E-01	3.77E-01	1.21E+00	ND	ND
	Grasshopper	TOTAL HpCDF	5.09E-03	1.06E-03	3.79E-04	7.55E-04	7.55E-04	5.45E-01	8.53E-02	2.39E-01	7.70E-01	ND	ND
	Grasshopper	TOTAL HxCDD	6.07E-02	1.27E-02	4.52E-03	9.02E-03	9.02E-03	6.50E-01	1.02E-01	2.85E-01	9.20E-01	ND	ND
	Grasshopper	TOTAL HxCDF	3.36E-02	7.01E-03	2.50E-03	4.98E-03	4.98E-03	3.59E-01	5.63E-02	1.58E-01	5.08E-01	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (Invertebrates)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Grasshopper	TOTAL PeCDD	4.53E-01	9.47E-02	3.38E-02	6.78E-02	6.78E-02	9.74E-01	1.53E-01	4.27E-01	1.38E+00	ND	ND
	Grasshopper	TOTAL PeCDF	2.29E-01	4.78E-02	1.70E-02	3.42E-02	3.42E-02	4.92E-01	7.70E-02	2.16E-01	6.95E-01	ND	ND
	Grasshopper	TOTAL TCDD	3.95E-01	8.25E-02	2.94E-02	5.87E-02	5.87E-02	4.23E-01	6.62E-02	1.85E-01	5.98E-01	ND	ND
	Grasshopper	TOTAL TCDF	4.25E-02	8.89E-03	3.17E-03	6.31E-03	6.31E-03	4.55E-02	7.13E-03	2.00E-02	6.44E-02	ND	ND

[1]No toxicity data

Summary Statistics for the PAHs in Biota

SWMU RSA	Matrix	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimu Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
10	Gumweed	BENZO(A)ANTHRACENE	0	2	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	2	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CHRYSENE	1	2	50	3.45E-01	6.90E-01	5.18E-01	2.44E-01	1.61E+00	6.90E-01	6.90E-04
	Gumweed	FLUORANTHENE	0	2	0	1.80E+00	1.80E+00	1.80E+00	4.47E-03	1.82E+00	1.80E+00	1.80E-03
	Gumweed	PHENANTHRENE	2	2	100	9.70E+00	1.20E+01	1.09E+01	1.63E+00	1.81E+01	1.20E+01	1.20E-02
	Gumweed	PYRENE	0	2	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01	9.00E-04
	Rabbitbrush	BENZO(A)ANTHRACENE	0	2	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	2	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	0	2	0	4.15E-01	4.15E-01	4.15E-01	0.00E+00	0.00E+00	4.15E-01	4.15E-04
	Rabbitbrush	FLUORANTHENE	2	2	100	2.40E+00	2.50E+00	2.45E+00	7.07E-02	2.77E+00	2.50E+00	2.50E-03
	Rabbitbrush	PHENANTHRENE	2	2	100	8.30E+00	9.80E+00	9.05E+00	1.06E+00	1.38E+01	9.80E+00	9.80E-03
	Rabbitbrush	PYRENE	2	2	100	7.60E-01	8.20E-01	7.90E-01	4.24E-02	9.79E-01	8.20E-01	8.20E-04
11	Gumweed	BENZO(A)ANTHRACENE	0	1	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	1	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CHRYSENE	0	1	0	3.45E-01	3.45E-01	3.45E-01	0.00E+00	0.00E+00	3.45E-01	3.45E-04
	Gumweed	FLUORANTHENE	0	1	0	1.80E+00	1.80E+00	1.80E+00	0.00E+00	0.00E+00	1.80E+00	1.80E-03
	Gumweed	PHENANTHRENE	1	1	100	1.50E+01	1.50E+01	1.50E+01	0.00E+00	0.00E+00	1.50E+01	1.50E-02
	Gumweed	PYRENE	0	1	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01	9.00E-04
	Rabbitbrush	BENZO(A)ANTHRACENE	0	1	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	1	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	1	1	100	7.70E+00	7.70E+00	7.70E+00	0.00E+00	0.00E+00	7.70E+00	7.70E-03
	Rabbitbrush	FLUORANTHENE	0	1	0	6.50E-01	6.50E-01	6.50E-01	0.00E+00	0.00E+00	6.50E-01	6.50E-04
	Rabbitbrush	PHENANTHRENE	1	1	100	1.60E+01	1.60E+01	1.60E+01	0.00E+00	0.00E+00	1.60E+01	1.60E-02
	Rabbitbrush	PYRENE	0	1	0	1.55E-01	1.55E-01	1.55E-01	0.00E+00	0.00E+00	1.55E-01	1.55E-04
12	Rabbitbrush	BENZO(A)ANTHRACENE	0	1	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	1	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	0	1	0	4.15E-01	4.15E-01	4.15E-01	0.00E+00	0.00E+00	4.15E-01	4.15E-04
	Rabbitbrush	FLUORANTHENE	1	1	100	2.60E+00	2.60E+00	2.60E+00	0.00E+00	0.00E+00	2.60E+00	2.60E-03
	Rabbitbrush	PHENANTHRENE	1	1	100	2.00E+01	2.00E+01	2.00E+01	0.00E+00	0.00E+00	2.00E+01	2.00E-02
	Rabbitbrush	PYRENE	1	1	100	8.90E-01	8.90E-01	8.90E-01	0.00E+00	0.00E+00	8.90E-01	8.90E-04
	Sweetclover	BENZO(A)ANTHRACENE	0	1	0	2.50E-01	2.50E-01	2.50E-01	0.00E+00	0.00E+00	2.50E-01	2.50E-04
	Sweetclover	BENZO(K)FLUORANTHENE	0	1	0	2.25E-01	2.25E-01	2.25E-01	0.00E+00	0.00E+00	2.25E-01	2.25E-04
	Sweetclover	CHRYSENE	0	1	0	3.10E-01	3.10E-01	3.10E-01	0.00E+00	0.00E+00	3.10E-01	3.10E-04
	Sweetclover	FLUORANTHENE	1	1	100	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00	1.00E-03
	Sweetclover	PHENANTHRENE	1	1	100	3.20E+00	3.20E+00	3.20E+00	0.00E+00	0.00E+00	3.20E+00	3.20E-03
	Sweetclover	PYRENE	1	1	100	3.10E-01	3.10E-01	3.10E-01	0.00E+00	0.00E+00	3.10E-01	3.10E-04
15	Gumweed	BENZO(A)ANTHRACENE	0	1	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	1	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CHRYSENE	1	1	100	9.50E-01	9.50E-01	9.50E-01	0.00E+00	0.00E+00	9.50E-01	9.50E-04
	Gumweed	FLUORANTHENE	1	1	100	3.90E+00	3.90E+00	3.90E+00	0.00E+00	0.00E+00	3.90E+00	3.90E-03
	Gumweed	PHENANTHRENE	1	1	100	1.30E+01	1.30E+01	1.30E+01	0.00E+00	0.00E+00	1.30E+01	1.30E-02
	Gumweed	PYRENE	1	1	100	2.40E+00	2.40E+00	2.40E+00	0.00E+00	0.00E+00	2.40E+00	2.40E-03
	Rabbitbrush	BENZO(A)ANTHRACENE	2	3	67	1.80E-01	9.30E-01	5.97E-01	3.82E-01	1.24E+00	9.30E-01	9.30E-04

Summary Statistics for the PAHs in Biota (continued)

SWMU RSA	Matrix	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimu Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
15 (cont.)	Rabbitbrush	BENZO(K)FLUORANTHENE	0	3	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	3	3	100	1.60E+00	4.30E+00	3.00E+00	1.35E+00	5.28E+00	4.30E+00	4.30E-03
	Rabbitbrush	FLUORANTHENE	3	3	100	3.70E+00	2.00E+01	1.26E+01	8.24E+00	2.65E+01	2.00E+01	2.00E-02
	Rabbitbrush	PHENANTHRENE	3	3	100	1.80E+01	7.60E+01	5.27E+01	3.06E+01	1.04E+02	7.60E+01	7.60E-02
	Rabbitbrush	PYRENE	3	3	100	1.80E+00	1.30E+01	7.40E+00	5.60E+00	1.68E+01	1.30E+01	1.30E-02
	Sweetclover	BENZO(A)ANTHRACENE	1	2	50	2.50E-01	1.20E+01	6.13E+00	8.31E+00	4.32E+01	1.20E+01	1.20E-02
	Sweetclover	BENZO(K)FLUORANTHENE	2	2	100	5.00E-01	8.30E+00	4.40E+00	5.52E+00	2.90E+01	8.30E+00	8.30E-03
	Sweetclover	CHRYSENE	2	2	100	1.00E+00	1.50E+01	8.00E+00	9.90E+00	5.22E+01	1.50E+01	1.50E-02
	Sweetclover	FLUORANTHENE	2	2	100	2.20E+00	3.00E+01	1.61E+01	1.97E+01	1.04E+02	3.00E+01	3.00E-02
	Sweetclover	PHENANTHRENE	2	2	100	4.70E+00	1.50E+01	9.85E+00	7.28E+00	4.24E+01	1.50E+01	1.50E-02
	Sweetclover	PYRENE	2	2	100	1.80E+00	3.40E+01	1.79E+01	2.28E+01	1.20E+02	3.40E+01	3.40E-02
1B	Gumweed	BENZO(A)ANTHRACENE	0	2	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	2	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CHRYSENE	0	2	0	3.45E-01	3.45E-01	3.45E-01	0.00E+00	0.00E+00	3.45E-01	3.45E-04
	Gumweed	FLUORANTHENE	0	2	0	1.80E+00	1.80E+00	1.80E+00	4.47E-03	1.82E+00	1.80E+00	1.80E-03
	Gumweed	PHENANTHRENE	0	2	0	1.70E+00	1.70E+00	1.70E+00	4.47E-03	1.72E+00	1.70E+00	1.70E-03
	Gumweed	PYRENE	0	2	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01	9.00E-04
	Rabbitbrush	BENZO(A)ANTHRACENE	0	2	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	2	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	1	2	50	4.15E-01	9.50E-01	6.83E-01	3.78E-01	2.37E+00	9.50E-01	9.50E-04
	Rabbitbrush	FLUORANTHENE	1	2	50	6.50E-01	1.70E+00	1.18E+00	7.42E-01	4.49E+00	1.70E+00	1.70E-03
	Rabbitbrush	PHENANTHRENE	0	2	0	1.85E+00	1.85E+00	1.85E+00	4.47E-03	1.87E+00	1.85E+00	1.85E-03
	Rabbitbrush	PYRENE	1	2	50	1.55E-01	4.40E-01	2.98E-01	2.02E-01	1.20E+00	4.40E-01	4.40E-04
1C	Gumweed	BENZO(A)ANTHRACENE	0	2	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	2	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CHRYSENE	0	2	0	3.45E-01	3.45E-01	3.45E-01	0.00E+00	0.00E+00	3.45E-01	3.45E-04
	Gumweed	FLUORANTHENE	0	2	0	1.80E+00	1.80E+00	1.80E+00	4.47E-03	1.82E+00	1.80E+00	1.80E-03
	Gumweed	PHENANTHRENE	1	2	50	1.70E+00	5.80E+00	3.75E+00	2.90E+00	1.67E+01	5.80E+00	5.80E-03
	Gumweed	PYRENE	0	2	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01	9.00E-04
	Rabbitbrush	BENZO(A)ANTHRACENE	0	2	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	2	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	1	2	50	4.15E-01	1.10E+00	7.58E-01	4.84E-01	2.92E+00	1.10E+00	1.10E-03
	Rabbitbrush	FLUORANTHENE	2	2	100	1.40E+00	2.00E+00	1.70E+00	4.24E-01	3.59E+00	2.00E+00	2.00E-03
	Rabbitbrush	PHENANTHRENE	2	2	100	5.20E+00	7.20E+00	6.20E+00	1.41E+00	1.25E+01	7.20E+00	7.20E-03
	Rabbitbrush	PYRENE	1	2	50	1.55E-01	3.20E+00	1.68E+00	2.15E+00	1.13E+01	3.20E+00	3.20E-03
21	Gumweed	BENZO(A)ANTHRACENE	0	2	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	2	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CHRYSENE	1	2	50	3.45E-01	9.80E-01	6.63E-01	4.49E-01	2.67E+00	9.80E-01	9.80E-04
	Gumweed	FLUORANTHENE	1	2	50	1.80E+00	4.60E+00	3.20E+00	1.98E+00	1.20E+01	4.60E+00	4.60E-03
	Gumweed	PHENANTHRENE	2	2	100	1.40E+01	2.10E+01	1.75E+01	4.95E+00	3.96E+01	2.10E+01	2.10E-02
	Gumweed	PYRENE	1	2	50	9.00E-01	2.30E+00	1.60E+00	9.90E-01	6.02E+00	2.30E+00	2.30E-03
	Rabbitbrush	BENZO(A)ANTHRACENE	0	2	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	2	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04

Summary Statistics for the PAHs in Biota (continued)

SWMU RSA	Matrix	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimu Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
21 (cont.)	Rabbitbrush	CHRYSENE	1	2	50	4.15E-01	9.60E-01	6.88E-01	3.85E-01	2.41E+00	9.60E-01	9.60E-04
	Rabbitbrush	FLUORANTHENE	2	2	100	3.90E+00	4.00E+00	3.95E+00	7.07E-02	4.27E+00	4.00E+00	4.00E-03
	Rabbitbrush	PHENANTHRENE	2	2	100	2.20E+01	2.60E+01	2.40E+01	2.83E+00	3.66E+01	2.60E+01	2.60E-02
	Rabbitbrush	PYRENE	2	2	100	1.20E+00	1.20E+00	1.20E+00	0.00E+00	0.00E+00	1.20E+00	1.20E-03
37	Ambrosia	BENZO(A)ANTHRACENE	0	1	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Ambrosia	BENZO(K)FLUORANTHENE	1	1	100	5.70E+00	5.70E+00	5.70E+00	0.00E+00	0.00E+00	5.70E+00	5.70E-03
	Ambrosia	CHRYSENE	1	1	100	8.40E+00	8.40E+00	8.40E+00	0.00E+00	0.00E+00	8.40E+00	8.40E-03
	Ambrosia	FLUORANTHENE	1	1	100	2.10E+01	2.10E+01	2.10E+01	0.00E+00	0.00E+00	2.10E+01	2.10E-02
	Ambrosia	PHENANTHRENE	1	1	100	1.80E+01	1.80E+01	1.80E+01	0.00E+00	0.00E+00	1.80E+01	1.80E-02
	Ambrosia	PYRENE	1	1	100	1.70E+01	1.70E+01	1.70E+01	0.00E+00	0.00E+00	1.70E+01	1.70E-02
	Rabbitbrush	BENZO(A)ANTHRACENE	2	2	100	2.30E+00	4.90E+00	3.60E+00	1.84E+00	1.18E+01	4.90E+00	4.90E-03
	Rabbitbrush	BENZO(K)FLUORANTHENE	2	2	100	3.40E+00	6.30E+00	4.85E+00	2.05E+00	1.40E+01	6.30E+00	6.30E-03
	Rabbitbrush	CHRYSENE	2	2	100	7.40E+00	1.50E+01	1.12E+01	5.37E+00	3.52E+01	1.50E+01	1.50E-02
	Rabbitbrush	FLUORANTHENE	2	2	100	2.10E+01	3.80E+01	2.95E+01	1.20E+01	8.32E+01	3.80E+01	3.80E-02
	Rabbitbrush	PHENANTHRENE	2	2	100	3.80E+01	7.20E+01	5.50E+01	2.40E+01	1.62E+02	7.20E+01	7.20E-02
	Rabbitbrush	PYRENE	2	2	100	1.40E+01	2.90E+01	2.15E+01	1.06E+01	6.89E+01	2.90E+01	2.90E-02
	Sweetclover	BENZO(A)ANTHRACENE	2	2	100	1.50E+00	2.30E+00	1.90E+00	5.66E-01	4.43E+00	2.30E+00	2.30E-03
	Sweetclover	BENZO(K)FLUORANTHENE	2	2	100	2.30E+00	2.60E+00	2.45E+00	2.12E-01	3.40E+00	2.60E+00	2.60E-03
	Sweetclover	CHRYSENE	2	2	100	5.50E+00	6.70E+00	6.10E+00	8.49E-01	9.89E+00	6.70E+00	6.70E-03
	Sweetclover	FLUORANTHENE	2	2	100	1.30E+01	1.30E+01	1.30E+01	0.00E+00	0.00E+00	1.30E+01	1.30E-02
	Sweetclover	PHENANTHRENE	2	2	100	9.40E+00	1.10E+01	1.02E+01	1.13E+00	1.53E+01	1.10E+01	1.10E-02
	Sweetclover	PYRENE	2	2	100	8.40E+00	9.00E+00	8.70E+00	4.24E-01	1.06E+01	9.00E+00	9.00E-03
42	Gumweed	BENZO(A)ANTHRACENE	0	1	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	1	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CHRYSENE	1	1	100	2.60E+00	2.60E+00	2.60E+00	0.00E+00	0.00E+00	2.60E+00	2.60E-03
	Gumweed	FLUORANTHENE	1	1	100	1.40E+01	1.40E+01	1.40E+01	0.00E+00	0.00E+00	1.40E+01	1.40E-02
	Gumweed	PHENANTHRENE	1	1	100	6.90E+01	6.90E+01	6.90E+01	0.00E+00	0.00E+00	6.90E+01	6.90E-02
	Gumweed	PYRENE	1	1	100	8.10E+00	8.10E+00	8.10E+00	0.00E+00	0.00E+00	8.10E+00	8.10E-03
	Rabbitbrush	BENZO(A)ANTHRACENE	0	9	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	9	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	9	9	100	8.70E-01	2.60E+00	1.36E+00	6.56E-01	1.77E+00	1.77E+00	1.77E-03
	Rabbitbrush	FLUORANTHENE	9	9	100	8.00E+00	2.90E+01	1.51E+01	6.55E+00	1.92E+01	1.92E+01	1.92E-02
	Rabbitbrush	PHENANTHRENE	9	9	100	8.00E+01	1.90E+02	1.18E+02	3.32E+01	1.38E+02	1.38E+02	1.38E-01
	Rabbitbrush	PYRENE	9	9	100	2.70E+00	9.70E+00	5.03E+00	2.31E+00	6.46E+00	6.46E+00	6.46E-03
	Sweetclover	BENZO(A)ANTHRACENE	0	8	0	2.50E-01	2.50E-01	2.50E-01	0.00E+00	0.00E+00	2.50E-01	2.50E-04
	Sweetclover	BENZO(K)FLUORANTHENE	0	8	0	2.25E-01	2.25E-01	2.25E-01	0.00E+00	0.00E+00	2.25E-01	2.25E-04
	Sweetclover	CHRYSENE	0	8	0	3.10E-01	3.10E-01	3.10E-01	0.00E+00	0.00E+00	3.10E-01	3.10E-04
42	Sweetclover	FLUORANTHENE	8	8	100	1.30E+00	2.30E+00	1.69E+00	3.23E-01	1.90E+00	1.90E+00	1.90E-03
	Sweetclover	PHENANTHRENE	8	8	100	5.30E+00	8.70E+00	6.50E+00	1.07E+00	7.22E+00	7.22E+00	7.22E-03
	Sweetclover	PYRENE	8	8	100	5.40E-01	9.40E-01	7.50E-01	1.34E-01	8.40E-01	8.40E-01	8.40E-04
45	Gumweed	BENZO(A)ANTHRACENE	0	3	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	3	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CHRYSENE	1	3	33	3.45E-01	1.20E+00	6.30E-01	4.94E-01	1.46E+00	1.20E+00	1.20E-03

Summary Statistics for the PAHs in Biota (continued)

SWMU RSA	Matrix	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimu Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
45 (cont.)	Gumweed	FLUORANTHENE	3	3	100	3.90E+00	5.30E+00	4.67E+00	7.09E-01	5.86E+00	5.30E+00	5.30E-03
	Gumweed	PHENANTHRENE	3	3	100	2.10E+01	2.60E+01	2.37E+01	2.52E+00	2.79E+01	2.60E+01	2.60E-02
	Gumweed	PYRENE	3	3	100	1.90E+00	2.80E+00	2.40E+00	4.58E-01	3.17E+00	2.80E+00	2.80E-03
	Jackrabbit	BENZO(A)ANTHRACENE	4	15	27	2.45E-01	3.10E+00	6.66E-01	8.60E-01	1.06E+00	1.06E+00	1.06E-03
	Jackrabbit	BENZO(K)FLUORANTHENE	4	15	27	2.50E-01	3.10E+00	6.77E-01	8.42E-01	1.06E+00	1.06E+00	1.06E-03
	Jackrabbit	CHRYSENE	10	15	67	2.80E-01	6.50E+00	1.47E+00	1.73E+00	2.26E+00	2.26E+00	2.26E-03
	Jackrabbit	FLUORANTHENE	7	15	47	4.30E-01	7.70E+00	1.65E+00	2.20E+00	2.66E+00	2.66E+00	2.66E-03
	Jackrabbit	PHENANTHRENE	13	15	87	1.85E-01	4.50E+00	1.69E+00	1.34E+00	2.30E+00	2.30E+00	2.30E-03
	Jackrabbit	PYRENE	12	15	80	1.95E-01	8.90E+00	1.87E+00	2.55E+00	3.03E+00	3.03E+00	3.03E-03
	Rabbitbrush	BENZO(A)ANTHRACENE	0	5	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	5	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	1	5	20	4.15E-01	1.30E+00	5.92E-01	3.96E-01	9.69E-01	9.69E-01	9.69E-04
	Rabbitbrush	FLUORANTHENE	5	5	100	4.30E+00	7.80E+00	5.56E+00	1.43E+00	6.93E+00	6.93E+00	6.93E-03
	Rabbitbrush	PHENANTHRENE	5	5	100	3.20E+01	4.70E+01	3.86E+01	7.09E+00	4.54E+01	4.54E+01	4.54E-02
	Rabbitbrush	PYRENE	5	5	100	1.10E+00	2.30E+00	1.50E+00	5.05E-01	1.98E+00	1.98E+00	1.98E-03
	Sweetclover	BENZO(A)ANTHRACENE	0	3	0	2.50E-01	2.50E-01	2.50E-01	0.00E+00	0.00E+00	2.50E-01	2.50E-04
	Sweetclover	BENZO(K)FLUORANTHENE	0	3	0	2.25E-01	2.25E-01	2.25E-01	0.00E+00	0.00E+00	2.25E-01	2.25E-04
	Sweetclover	CHRYSENE	0	3	0	3.10E-01	3.10E-01	3.10E-01	0.00E+00	0.00E+00	3.10E-01	3.10E-04
	Sweetclover	FLUORANTHENE	3	3	100	9.50E-01	2.50E+00	1.58E+00	8.13E-01	2.95E+00	2.50E+00	2.50E-03
	Sweetclover	PHENANTHRENE	3	3	100	3.80E+00	6.40E+00	4.70E+00	1.47E+00	7.18E+00	6.40E+00	6.40E-03
	Sweetclover	PYRENE	3	3	100	3.50E-01	9.80E-01	6.23E-01	3.23E-01	1.17E+00	9.80E-01	9.80E-04
RSA	Gumweed	BENZO(A)ANTHRACENE	0	7	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	7	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CHRYSENE	0	7	0	3.45E-01	3.45E-01	3.45E-01	0.00E+00	0.00E+00	3.45E-01	3.45E-04
	Gumweed	FLUORANTHENE	0	7	0	1.80E+00	1.80E+00	1.80E+00	1.83E-03	1.80E+00	1.80E+00	1.80E-03
	Gumweed	PHENANTHRENE	4	7	57	1.70E+00	1.20E+01	5.88E+00	4.77E+00	9.39E+00	9.39E+00	9.39E-03
	Gumweed	PYRENE	0	7	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01	9.00E-04
	Jackrabbit	BENZO(A)ANTHRACENE	0	15	0	2.45E-01	2.45E-01	2.45E-01	0.00E+00	0.00E+00	2.45E-01	2.45E-04
	Jackrabbit	BENZO(K)FLUORANTHENE	0	15	0	2.50E-01	2.50E-01	2.50E-01	0.00E+00	0.00E+00	2.50E-01	2.50E-04
	Jackrabbit	CHRYSENE	0	15	0	2.80E-01	2.80E-01	2.80E-01	0.00E+00	0.00E+00	2.80E-01	2.80E-04
	Jackrabbit	FLUORANTHENE	0	15	0	4.30E-01	4.30E-01	4.30E-01	0.00E+00	0.00E+00	4.30E-01	4.30E-04
	Jackrabbit	PHENANTHRENE	0	15	0	1.85E-01	1.85E-01	1.85E-01	0.00E+00	0.00E+00	1.85E-01	1.85E-04
	Jackrabbit	PYRENE	0	15	0	1.95E-01	1.95E-01	1.95E-01	0.00E+00	0.00E+00	1.95E-01	1.95E-04
	Rabbitbrush	BENZO(A)ANTHRACENE	0	15	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	15	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	1	15	7	4.15E-01	8.90E-01	4.47E-01	1.23E-01	5.02E-01	5.02E-01	5.02E-04
	Rabbitbrush	FLUORANTHENE	13	15	87	6.50E-01	2.90E+00	1.93E+00	6.46E-01	2.23E+00	2.23E+00	2.23E-03
	Rabbitbrush	PHENANTHRENE	10	15	67	1.85E+00	1.40E+01	5.98E+00	4.01E+00	7.80E+00	7.80E+00	7.80E-03
	Rabbitbrush	PYRENE	13	15	87	1.55E-01	1.10E+00	6.60E-01	2.64E-01	7.80E-01	7.80E-01	7.80E-04
	Sweetclover	BENZO(A)ANTHRACENE	0	15	0	2.50E-01	2.50E-01	2.50E-01	0.00E+00	0.00E+00	2.50E-01	2.50E-04
	Sweetclover	BENZO(K)FLUORANTHENE	0	15	0	2.25E-01	2.25E-01	2.25E-01	0.00E+00	0.00E+00	2.25E-01	2.25E-04
	Sweetclover	CHRYSENE	1	15	7	3.10E-01	6.40E-01	3.32E-01	8.52E-02	3.71E-01	3.71E-01	3.71E-04
	Sweetclover	FLUORANTHENE	10	15	67	3.00E-01	1.40E+00	7.09E-01	3.52E-01	8.69E-01	8.69E-01	8.69E-04

Summary Statistics for the PAHs in Biota (continued)

SWMU RSA	Matrix	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimu Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
RSA (cont.)	Sweetclover	PHENANTHRENE	12	15	80	7.00E-01	5.10E+00	2.53E+00	1.30E+00	3.12E+00	3.12E+00	3.12E-03
	Sweetclover	PYRENE	11	15	73	1.10E-01	5.80E-01	3.23E-01	1.58E-01	3.95E-01	3.95E-01	3.95E-04
10[a]	*Jackrabbit*	*BENZO(A)ANTHRACENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*BENZO(K)FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*CHRYSENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*PHENANTHRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*PYRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
11	*Jackrabbit*	*BENZO(A)ANTHRACENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*BENZO(K)FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*CHRYSENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*PHENANTHRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*PYRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
12	*Jackrabbit*	*BENZO(A)ANTHRACENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*BENZO(K)FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*CHRYSENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*PHENANTHRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*PYRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
15	*Jackrabbit*	*BENZO(A)ANTHRACENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*BENZO(K)FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*CHRYSENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*PHENANTHRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*PYRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
1B	*Jackrabbit*	*BENZO(A)ANTHRACENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*BENZO(K)FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*CHRYSENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*PHENANTHRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*PYRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*BENZO(A)ANTHRACENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
1C	*Jackrabbit*	*BENZO(K)FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*CHRYSENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*PHENANTHRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*PYRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
21	*Jackrabbit*	*BENZO(A)ANTHRACENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*BENZO(K)FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*CHRYSENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*
	Jackrabbit	*PHENANTHRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3.03E+00*	*3.03E-03*

Summary Statistics for the PAHs in Biota (continued)

SWMU RSA	Matrix	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimu Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
	Jackrabbit	PYRENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
37	Jackrabbit	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	CHRYSENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	FLUORANTHENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	PHENANTHRENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	PYRENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
42	Jackrabbit	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	CHRYSENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	FLUORANTHENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	PHENANTHRENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	PYRENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
10	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
11	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
12	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04

Summary Statistics for the PAHs in Biota (continued)

SWMU RSA	Matrix	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimu Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
12 (cont.)	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
15	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
1B	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
1C	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
21	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04

Summary Statistics for the PAHs in Biota (continued)

SWMU RSA	Matrix	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimu Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
21 (cont.)	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
37	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
42	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
45	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04

Summary Statistics for the PAHs in Biota (continued)

SWMU RSA	Matrix	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimu Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
45 (cont.)	*Beetle*	*CHRYSENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.50E-01*	*6.50E-04*
	Beetle	*FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.45E+00*	*1.45E-03*
	Beetle	*PHENANTHRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.70E+00*	*1.70E-03*
	Beetle	*PYRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.00E-01*	*6.00E-04*
RSA	*Grasshopper*	*BENZO(A)ANTHRACENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.00E-01*	*6.00E-04*
	Grasshopper	*BENZO(K)FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.50E-01*	*5.50E-04*
	Grasshopper	*CHRYSENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.50E-01*	*6.50E-04*
	Grasshopper	*FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.45E+00*	*1.45E-03*
	Grasshopper	*PHENANTHRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.70E+00*	*1.70E-03*
	Grasshopper	*PYRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.00E-01*	*6.00E-04*
	Beetle	*BENZO(A)ANTHRACENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.00E-01*	*6.00E-04*
	Beetle	*BENZO(K)FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.50E-01*	*5.50E-04*
	Beetle	*CHRYSENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.50E-01*	*6.50E-04*
	Beetle	*FLUORANTHENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.45E+00*	*1.45E-03*
	Beetle	*PHENANTHRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.70E+00*	*1.70E-03*
	Beetle	*PYRENE*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.00E-01*	*6.00E-04*

[1]Italics indicate that the Cterm value represents model or calculated data, or data based on 1/2 the method detection limit.

Final Hazard Quotients for PAHs in Biota

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10	Gumweed	BENZO(A)ANTHRACENE	ND[a]	ND	ND	ND	ND	1.34E-04	2.09E-07	2.27E-06	1.57E-07	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	2.12E-07	2.30E-06	1.59E-07	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	2.31E-04	3.60E-07	3.92E-06	2.71E-07	2.76E-05	3.99E-06
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	6.03E-04	9.40E-07	1.02E-05	7.06E-07	7.20E-05	1.04E-05
	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	4.02E-03	6.27E-06	6.82E-05	4.71E-06	4.80E-04	6.94E-05
	Gumweed	PYRENE	ND	ND	ND	ND	ND	3.02E-04	4.70E-07	5.11E-06	3.53E-07	3.60E-05	5.20E-06
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	6.03E-05	9.40E-08	1.02E-06	7.06E-08	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	2.12E-07	2.30E-06	1.59E-07	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	1.39E-04	2.17E-07	2.36E-06	1.63E-07	1.66E-05	2.40E-06
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	8.38E-04	1.31E-06	1.42E-05	9.81E-07	1.00E-04	1.45E-05
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	3.28E-03	5.12E-06	5.57E-05	3.84E-06	3.92E-04	5.66E-05
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	2.75E-04	4.28E-07	4.66E-06	3.22E-07	3.28E-05	4.74E-06
11	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.34E-04	3.13E-07	3.41E-06	2.35E-07	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	3.17E-07	3.45E-06	2.38E-07	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	1.16E-04	2.70E-07	2.94E-06	2.03E-07	1.38E-05	1.99E-06
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	6.03E-04	1.41E-06	1.53E-05	1.06E-06	7.20E-05	1.04E-05
	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	5.03E-03	1.18E-05	1.28E-04	8.82E-06	6.00E-04	8.67E-05
	Gumweed	PYRENE	ND	ND	ND	ND	ND	3.02E-04	7.05E-07	7.67E-06	5.29E-07	3.60E-05	5.20E-06
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	6.03E-05	1.41E-07	1.53E-06	1.06E-07	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	3.17E-07	3.45E-06	2.38E-07	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	2.58E-03	6.03E-06	6.56E-05	4.53E-06	3.08E-04	4.45E-05
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	2.18E-04	5.09E-07	5.54E-06	3.82E-07	2.60E-05	3.76E-06
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	5.36E-03	1.25E-05	1.36E-04	9.41E-06	6.40E-04	9.25E-05
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	5.19E-05	1.21E-07	1.32E-06	9.12E-08	6.20E-06	8.96E-07
12	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	6.03E-05	7.05E-07	7.67E-06	5.29E-07	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	1.59E-06	1.73E-05	1.19E-06	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	1.39E-04	1.63E-06	1.77E-05	1.22E-06	1.66E-05	2.40E-06
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	8.71E-04	1.02E-05	1.11E-04	7.65E-06	1.04E-04	1.50E-05
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	6.70E-03	7.84E-05	8.52E-04	5.88E-05	8.00E-04	1.16E-04
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	2.98E-04	3.49E-06	3.79E-05	2.62E-06	3.56E-05	5.14E-06
	Sweetclover	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	8.38E-05	9.79E-07	1.07E-05	7.35E-07	1.00E-05	1.45E-06
	Sweetclover	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	7.54E-05	8.82E-07	9.59E-06	6.62E-07	9.00E-06	1.30E-06
	Sweetclover	CHRYSENE	ND	ND	ND	ND	ND	1.04E-04	1.21E-06	1.32E-05	9.12E-07	1.24E-05	1.79E-06
	Sweetclover	FLUORANTHENE	ND	ND	ND	ND	ND	3.35E-04	3.92E-06	4.26E-05	2.94E-06	4.00E-05	5.78E-06
	Sweetclover	PHENANTHRENE	ND	ND	ND	ND	ND	1.07E-03	1.25E-05	1.36E-04	9.41E-06	1.28E-04	1.85E-05
	Sweetclover	PYRENE	ND	ND	ND	ND	ND	1.04E-04	1.21E-06	1.32E-05	9.12E-07	1.24E-05	1.79E-06
15	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.34E-04	5.22E-06	5.68E-05	3.92E-06	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	5.29E-06	5.75E-05	3.97E-06	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	3.18E-04	1.24E-05	1.35E-04	9.31E-06	3.80E-05	5.49E-06
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	1.31E-03	5.09E-05	5.54E-04	3.82E-05	1.56E-04	2.25E-05
	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	4.36E-03	1.70E-04	1.85E-03	1.27E-04	5.20E-04	7.51E-05

Final Hazard Quotients for PAHs in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
15 (cont.)	Gumweed	PYRENE	ND	ND	ND	ND	ND	8.04E-04	3.13E-05	3.41E-04	2.35E-05	9.60E-05	1.39E-05
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	3.12E-04	1.21E-05	1.32E-04	9.12E-06	3.72E-05	5.38E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	5.29E-06	5.75E-05	3.97E-06	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	1.44E-03	5.62E-05	6.11E-04	4.22E-05	1.72E-04	2.49E-05
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	6.70E-03	2.61E-04	2.84E-03	1.96E-04	8.00E-04	1.16E-04
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	2.55E-02	9.93E-04	1.08E-02	7.45E-04	3.04E-03	4.39E-04
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	4.36E-03	1.70E-04	1.85E-03	1.27E-04	5.20E-04	7.51E-05
	Sweetclover	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	4.02E-03	1.57E-04	1.70E-03	1.18E-04	4.80E-04	6.94E-05
	Sweetclover	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	2.78E-03	1.08E-04	1.18E-03	8.14E-05	3.32E-04	4.80E-05
	Sweetclover	CHRYSENE	ND	ND	ND	ND	ND	5.03E-03	1.96E-04	2.13E-03	1.47E-04	6.00E-04	8.67E-05
	Sweetclover	FLUORANTHENE	ND	ND	ND	ND	ND	1.01E-02	3.92E-04	4.26E-03	2.94E-04	1.20E-03	1.73E-04
	Sweetclover	PHENANTHRENE	ND	ND	ND	ND	ND	5.03E-03	1.96E-04	2.13E-03	1.47E-04	6.00E-04	8.67E-05
	Sweetclover	PYRENE	ND	ND	ND	ND	ND	1.14E-02	4.44E-04	4.83E-03	3.33E-04	1.36E-03	1.97E-04
1B	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.28E-04	5.22E-08	5.68E-07	3.92E-08	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.29E-04	5.29E-08	5.75E-07	3.97E-08	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	1.10E-04	4.51E-08	4.90E-07	3.38E-08	1.38E-05	1.99E-06
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	5.75E-04	2.35E-07	2.56E-06	1.76E-07	7.20E-05	1.04E-05
	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	5.43E-04	2.22E-07	2.41E-06	1.67E-07	6.80E-05	9.83E-06
	Gumweed	PYRENE	ND	ND	ND	ND	ND	2.87E-04	1.18E-07	1.28E-06	8.82E-08	3.60E-05	5.20E-06
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	5.75E-05	2.35E-08	2.56E-07	1.76E-08	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.29E-04	5.29E-08	5.75E-07	3.97E-08	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	3.03E-04	1.24E-07	1.35E-06	9.31E-08	3.80E-05	5.49E-06
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	5.43E-04	2.22E-07	2.41E-06	1.67E-07	6.80E-05	9.83E-06
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	5.90E-04	2.42E-07	2.63E-06	1.81E-07	7.40E-05	1.07E-05
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	1.40E-04	5.75E-08	6.25E-07	4.31E-08	1.76E-05	2.54E-06
1C	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.34E-04	2.09E-06	2.27E-05	1.57E-06	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	2.12E-06	2.30E-05	1.59E-06	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	1.16E-04	1.80E-06	1.96E-05	1.35E-06	1.38E-05	1.99E-06
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	6.03E-04	9.40E-06	1.02E-04	7.06E-06	7.20E-05	1.04E-05
	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	1.94E-03	3.03E-05	3.29E-04	2.27E-05	2.32E-04	3.35E-05
	Gumweed	PYRENE	ND	ND	ND	ND	ND	3.02E-04	4.70E-06	5.11E-05	3.53E-06	3.60E-05	5.20E-06
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	6.03E-05	9.40E-07	1.02E-05	7.06E-07	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	2.12E-06	2.30E-05	1.59E-06	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	3.69E-04	5.75E-06	6.25E-05	4.31E-06	4.40E-05	6.36E-06
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	6.70E-04	1.04E-05	1.14E-04	7.84E-06	8.00E-05	1.16E-05
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	2.41E-03	3.76E-05	4.09E-04	2.82E-05	2.88E-04	4.16E-05
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	1.07E-03	1.67E-05	1.82E-04	1.26E-05	1.28E-04	1.85E-05
21	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	3.19E-05	1.31E-08	1.42E-07	9.81E-09	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	3.23E-05	1.32E-08	1.44E-07	9.93E-09	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	7.82E-05	3.20E-08	3.48E-07	2.40E-08	3.92E-05	5.66E-06
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	3.67E-04	1.50E-07	1.63E-06	1.13E-07	1.84E-04	2.66E-05

Final Hazard Quotients for PAHs in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
21 (cont.)	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	1.68E-03	6.86E-07	7.46E-06	5.15E-07	8.40E-04	1.21E-04
	Gumweed	PYRENE	ND	ND	ND	ND	ND	1.84E-04	7.51E-08	8.17E-07	5.64E-08	9.20E-05	1.33E-05
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.44E-05	5.88E-09	6.39E-08	4.41E-09	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	3.23E-05	1.32E-08	1.44E-07	9.93E-09	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	7.66E-05	3.13E-08	3.41E-07	2.35E-08	3.84E-05	5.55E-06
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	3.19E-04	1.31E-07	1.42E-06	9.81E-08	1.60E-04	2.31E-05
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	2.07E-03	8.49E-07	9.23E-06	6.37E-07	1.04E-03	1.50E-04
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	9.58E-05	3.92E-08	4.26E-07	2.94E-08	4.80E-05	6.94E-06
37	Ambrosia	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.34E-04	7.31E-08	7.95E-07	5.49E-08	1.60E-05	2.31E-06
	Ambrosia	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.91E-03	1.04E-06	1.13E-05	7.82E-07	2.28E-04	3.29E-05
	Ambrosia	CHRYSENE	ND	ND	ND	ND	ND	2.82E-03	1.54E-06	1.67E-05	1.15E-06	3.36E-04	4.86E-05
	Ambrosia	FLUORANTHENE	ND	ND	ND	ND	ND	7.04E-03	3.84E-06	4.18E-05	2.88E-06	8.40E-04	1.21E-04
	Ambrosia	PHENANTHRENE	ND	ND	ND	ND	ND	6.03E-03	3.29E-06	3.58E-05	2.47E-06	7.20E-04	1.04E-04
	Ambrosia	PYRENE	ND	ND	ND	ND	ND	5.70E-03	3.11E-06	3.38E-05	2.33E-06	6.80E-04	9.83E-05
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.64E-03	8.96E-07	9.74E-06	6.73E-07	1.96E-04	2.83E-05
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	2.11E-03	1.15E-06	1.25E-05	8.65E-07	2.52E-04	3.64E-05
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	5.03E-03	2.74E-06	2.98E-05	2.06E-06	6.00E-04	8.67E-05
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	1.27E-02	6.95E-06	7.55E-05	5.22E-06	1.52E-03	2.20E-04
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	2.41E-02	1.32E-05	1.43E-04	9.88E-06	2.88E-03	4.16E-04
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	9.72E-03	5.30E-06	5.77E-05	3.98E-06	1.16E-03	1.68E-04
	Sweetclover	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	7.71E-04	4.21E-07	4.57E-06	3.16E-07	9.20E-05	1.33E-05
	Sweetclover	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	8.71E-04	4.75E-07	5.17E-06	3.57E-07	1.04E-04	1.50E-05
	Sweetclover	CHRYSENE	ND	ND	ND	ND	ND	2.25E-03	1.23E-06	1.33E-05	9.20E-07	2.68E-04	3.87E-05
	Sweetclover	FLUORANTHENE	ND	ND	ND	ND	ND	4.36E-03	2.38E-06	2.58E-05	1.78E-06	5.20E-04	7.51E-05
	Sweetclover	PHENANTHRENE	ND	ND	ND	ND	ND	3.69E-03	2.01E-06	2.19E-05	1.51E-06	4.40E-04	6.36E-05
	Sweetclover	PYRENE	ND	ND	ND	ND	ND	3.02E-03	1.65E-06	1.79E-05	1.24E-06	3.60E-04	5.20E-05
42	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.34E-04	3.76E-06	4.09E-05	2.82E-06	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	3.81E-06	4.14E-05	2.86E-06	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	8.71E-04	2.44E-05	2.66E-04	1.84E-05	1.04E-04	1.50E-05
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	4.69E-03	1.32E-04	1.43E-03	9.88E-05	5.60E-04	8.09E-05
	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	2.31E-02	6.49E-04	7.05E-03	4.87E-04	2.76E-03	3.99E-04
	Gumweed	PYRENE	ND	ND	ND	ND	ND	2.71E-03	7.62E-05	8.28E-04	5.72E-05	3.24E-04	4.68E-05
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	6.03E-05	1.69E-06	1.84E-05	1.27E-06	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	3.81E-06	4.14E-05	2.86E-06	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	5.92E-04	1.66E-05	1.81E-04	1.25E-05	7.07E-05	1.02E-05
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	6.42E-03	1.80E-04	1.96E-03	1.35E-04	7.67E-04	1.11E-04
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	4.63E-02	1.30E-03	1.41E-02	9.76E-04	5.53E-03	7.99E-04
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	2.17E-03	6.08E-05	6.61E-04	4.56E-05	2.59E-04	3.74E-05
	Sweetclover	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	8.38E-05	2.35E-06	2.56E-05	1.76E-06	1.00E-05	1.45E-06
	Sweetclover	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	7.54E-05	2.12E-06	2.30E-05	1.59E-06	9.00E-06	1.30E-06
	Sweetclover	CHRYSENE	ND	ND	ND	ND	ND	1.04E-04	2.91E-06	3.17E-05	2.19E-06	1.24E-05	1.79E-06

Final Hazard Quotients for PAHs in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
42 (cont.)	Sweetclover	FLUORANTHENE	ND	ND	ND	ND	ND	6.38E-04	1.79E-05	1.95E-04	1.34E-05	7.61E-05	1.10E-05
	Sweetclover	PHENANTHRENE	ND	ND	ND	ND	ND	2.42E-03	6.78E-05	7.38E-04	5.09E-05	2.89E-04	4.17E-05
	Sweetclover	PYRENE	ND	ND	ND	ND	ND	2.81E-04	7.90E-06	8.59E-05	5.93E-06	3.36E-05	4.85E-06
45	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.34E-04	5.22E-07	5.68E-06	3.92E-07	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	5.29E-07	5.75E-06	3.97E-07	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	4.02E-04	1.57E-06	1.70E-05	1.18E-06	4.80E-05	6.94E-06
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	1.78E-03	6.92E-06	7.53E-05	5.20E-06	2.12E-04	3.06E-05
	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	8.71E-03	3.40E-05	3.69E-04	2.55E-05	1.04E-03	1.50E-04
	Gumweed	PYRENE	ND	ND	ND	ND	ND	9.38E-04	3.66E-06	3.98E-05	2.75E-06	1.12E-04	1.62E-05
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	3.54E-04	1.38E-06	1.50E-05	1.04E-06	4.23E-05	6.11E-06
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	3.55E-04	1.38E-06	1.50E-05	1.04E-06	4.24E-05	6.12E-06
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	7.56E-04	2.95E-06	3.21E-05	2.21E-06	9.03E-05	1.30E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	8.90E-04	3.47E-06	3.77E-05	2.60E-06	1.06E-04	1.54E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	7.72E-04	3.01E-06	3.27E-05	2.26E-06	9.21E-05	1.33E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	3.96E-06	4.31E-05	2.97E-06	1.21E-04	1.75E-05
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	6.03E-05	2.35E-07	2.56E-06	1.76E-07	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	5.29E-07	5.75E-06	3.97E-07	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	3.25E-04	1.27E-06	1.38E-05	9.50E-07	3.88E-05	5.60E-06
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	2.32E-03	9.05E-06	9.84E-05	6.79E-06	2.77E-04	4.00E-05
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	1.52E-02	5.92E-05	6.44E-04	4.45E-05	1.81E-03	2.62E-04
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	6.64E-04	2.59E-06	2.81E-05	1.94E-06	7.93E-05	1.15E-05
	Sweetclover	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	8.38E-05	3.26E-07	3.55E-06	2.45E-07	1.00E-05	1.45E-06
	Sweetclover	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	7.54E-05	2.94E-07	3.20E-06	2.21E-07	9.00E-06	1.30E-06
	Sweetclover	CHRYSENE	ND	ND	ND	ND	ND	1.04E-04	4.05E-07	4.40E-06	3.04E-07	1.24E-05	1.79E-06
	Sweetclover	FLUORANTHENE	ND	ND	ND	ND	ND	8.38E-04	3.26E-06	3.55E-05	2.45E-06	1.00E-04	1.45E-05
	Sweetclover	PHENANTHRENE	ND	ND	ND	ND	ND	2.14E-03	8.36E-06	9.09E-05	6.28E-06	2.56E-04	3.70E-05
	Sweetclover	PYRENE	ND	ND	ND	ND	ND	3.28E-04	1.28E-06	1.39E-05	9.61E-07	3.92E-05	5.66E-06
RSA	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.34E-04	2.09E-05	5.85E-05	1.92E-04	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	2.12E-05	5.92E-05	1.94E-04	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	1.16E-04	1.80E-05	5.05E-05	1.65E-04	1.38E-05	1.99E-06
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	6.03E-04	9.40E-05	2.63E-04	8.62E-04	7.20E-05	1.04E-05
	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	3.15E-03	4.91E-04	1.37E-03	4.50E-03	3.76E-04	5.43E-05
	Gumweed	PYRENE	ND	ND	ND	ND	ND	3.02E-04	4.70E-05	1.32E-04	4.31E-04	3.60E-05	5.20E-06
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	8.21E-05	1.28E-05	3.58E-05	1.17E-04	9.80E-06	1.42E-06
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	8.38E-05	1.31E-05	3.66E-05	1.20E-04	1.00E-05	1.45E-06
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	9.38E-05	1.46E-05	4.10E-05	1.34E-04	1.12E-05	1.62E-06
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.44E-04	2.25E-05	6.29E-05	2.06E-04	1.72E-05	2.49E-06
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	6.20E-05	9.66E-06	2.71E-05	8.86E-05	7.40E-06	1.07E-06
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	6.54E-05	1.02E-05	2.85E-05	9.34E-05	7.80E-06	1.13E-06
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	6.03E-05	9.40E-06	2.63E-05	8.62E-05	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	2.12E-05	5.92E-05	1.94E-04	1.62E-05	2.34E-06

Final Hazard Quotients for PAHs in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	1.68E-04	2.62E-05	7.35E-05	2.41E-04	2.01E-05	2.90E-06
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	7.46E-04	1.16E-04	3.26E-04	1.07E-03	8.91E-05	1.29E-05
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	2.61E-03	4.07E-04	1.14E-03	3.73E-03	3.12E-04	4.51E-05
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	2.61E-04	4.07E-05	1.14E-04	3.73E-04	3.12E-05	4.51E-06
	Sweetclover	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	8.38E-05	1.31E-05	3.66E-05	1.20E-04	1.00E-05	1.45E-06
	Sweetclover	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	7.54E-05	1.18E-05	3.29E-05	1.08E-04	9.00E-06	1.30E-06
	Sweetclover	CHRYSENE	ND	ND	ND	ND	ND	1.24E-04	1.94E-05	5.42E-05	1.78E-04	1.48E-05	2.14E-06
	Sweetclover	FLUORANTHENE	ND	ND	ND	ND	ND	2.91E-04	4.54E-05	1.27E-04	4.16E-04	3.48E-05	5.02E-06
	Sweetclover	PHENANTHRENE	ND	ND	ND	ND	ND	1.05E-03	1.63E-04	4.57E-04	1.50E-03	1.25E-04	1.80E-05
	Sweetclover	PYRENE	ND	ND	ND	ND	ND	1.32E-04	2.06E-05	5.77E-05	1.89E-04	1.58E-05	2.28E-06
10[b]	*Jackrabbit*	*BENZO(A)ANTHRACENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*1.58E-06*	*1.72E-05*	*1.19E-06*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*BENZO(K)FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*1.58E-06*	*1.72E-05*	*1.19E-06*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*CHRYSENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*1.58E-06*	*1.72E-05*	*1.19E-06*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*1.58E-06*	*1.72E-05*	*1.19E-06*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*PHENANTHRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*1.58E-06*	*1.72E-05*	*1.19E-06*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*PYRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*1.58E-06*	*1.72E-05*	*1.19E-06*	*1.21E-04*	*1.75E-05*
11	*Jackrabbit*	*BENZO(A)ANTHRACENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*2.38E-06*	*2.58E-05*	*1.78E-06*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*BENZO(K)FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*2.38E-06*	*2.58E-05*	*1.78E-06*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*CHRYSENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*2.38E-06*	*2.58E-05*	*1.78E-06*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*2.38E-06*	*2.58E-05*	*1.78E-06*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*PHENANTHRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*2.38E-06*	*2.58E-05*	*1.78E-06*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*PYRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*2.38E-06*	*2.58E-05*	*1.78E-06*	*1.21E-04*	*1.75E-05*
12	*Jackrabbit*	*BENZO(A)ANTHRACENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*1.19E-05*	*1.29E-04*	*8.92E-06*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*BENZO(K)FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*1.19E-05*	*1.29E-04*	*8.92E-06*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*CHRYSENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*1.19E-05*	*1.29E-04*	*8.92E-06*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*1.19E-05*	*1.29E-04*	*8.92E-06*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*PHENANTHRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*1.19E-05*	*1.29E-04*	*8.92E-06*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*PYRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*1.19E-05*	*1.29E-04*	*8.92E-06*	*1.21E-04*	*1.75E-05*
15	*Jackrabbit*	*BENZO(A)ANTHRACENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*3.96E-05*	*4.31E-04*	*2.97E-05*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*BENZO(K)FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*3.96E-05*	*4.31E-04*	*2.97E-05*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*CHRYSENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*3.96E-05*	*4.31E-04*	*2.97E-05*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*3.96E-05*	*4.31E-04*	*2.97E-05*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*PHENANTHRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*3.96E-05*	*4.31E-04*	*2.97E-05*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*PYRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*3.96E-05*	*4.31E-04*	*2.97E-05*	*1.21E-04*	*1.75E-05*
1B	*Jackrabbit*	*BENZO(A)ANTHRACENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*9.68E-04*	*3.96E-07*	*4.31E-06*	*2.97E-07*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*BENZO(K)FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*9.68E-04*	*3.96E-07*	*4.31E-06*	*2.97E-07*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*CHRYSENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*9.68E-04*	*3.96E-07*	*4.31E-06*	*2.97E-07*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*9.68E-04*	*3.96E-07*	*4.31E-06*	*2.97E-07*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*PHENANTHRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*9.68E-04*	*3.96E-07*	*4.31E-06*	*2.97E-07*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*PYRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*9.68E-04*	*3.96E-07*	*4.31E-06*	*2.97E-07*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*BENZO(A)ANTHRACENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*1.58E-05*	*1.72E-04*	*1.19E-05*	*1.21E-04*	*1.75E-05*

Final Hazard Quotients for PAHs in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1C (cont.)	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	1.58E-05	1.72E-04	1.19E-05	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	1.02E-03	1.58E-05	1.72E-04	1.19E-05	1.21E-04	1.75E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	1.58E-05	1.72E-04	1.19E-05	1.21E-04	1.75E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	1.02E-03	1.58E-05	1.72E-04	1.19E-05	1.21E-04	1.75E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	1.58E-05	1.72E-04	1.19E-05	1.21E-04	1.75E-05
21	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.42E-04	9.90E-08	1.08E-06	7.43E-08	1.21E-04	1.75E-05
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	2.42E-04	9.90E-08	1.08E-06	7.43E-08	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	2.42E-04	9.90E-08	1.08E-06	7.43E-08	1.21E-04	1.75E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	2.42E-04	9.90E-08	1.08E-06	7.43E-08	1.21E-04	1.75E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	2.42E-04	9.90E-08	1.08E-06	7.43E-08	1.21E-04	1.75E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	2.42E-04	9.90E-08	1.08E-06	7.43E-08	1.21E-04	1.75E-05
37	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
42	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.02E-03	2.85E-05	3.10E-04	2.14E-05	1.21E-04	1.75E-05
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.85E-05	3.10E-04	2.14E-05	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	1.02E-03	2.85E-05	3.10E-04	2.14E-05	1.21E-04	1.75E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.85E-05	3.10E-04	2.14E-05	1.21E-04	1.75E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	1.02E-03	2.85E-05	3.10E-04	2.14E-05	1.21E-04	1.75E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	2.85E-05	3.10E-04	2.14E-05	1.21E-04	1.75E-05
10	Grasshopper	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
	Grasshopper	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	2.87E-07	3.12E-06	2.16E-07	2.20E-05	3.18E-06
	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	3.40E-07	3.69E-06	2.55E-07	2.60E-05	3.76E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	7.57E-07	8.24E-06	5.69E-07	5.80E-05	8.38E-06
	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	8.88E-07	9.66E-06	6.67E-07	6.80E-05	9.83E-06
	Grasshopper	PYRENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	2.87E-07	3.12E-06	2.16E-07	2.20E-05	3.18E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	3.40E-07	3.69E-06	2.55E-07	2.60E-05	3.76E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	7.57E-07	8.24E-06	5.69E-07	5.80E-05	8.38E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	8.88E-07	9.66E-06	6.67E-07	6.80E-05	9.83E-06
	Beetle	PYRENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
11	Grasshopper	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	4.70E-07	5.11E-06	3.53E-07	2.40E-05	3.47E-06
	Grasshopper	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	4.31E-07	4.69E-06	3.24E-07	2.20E-05	3.18E-06
	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	5.09E-07	5.54E-06	3.82E-07	2.60E-05	3.76E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	1.14E-06	1.24E-05	8.53E-07	5.80E-05	8.38E-06
	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	1.33E-06	1.45E-05	1.00E-06	6.80E-05	9.83E-06
	Grasshopper	PYRENE	ND	ND	ND	ND	ND	2.01E-04	4.70E-07	5.11E-06	3.53E-07	2.40E-05	3.47E-06

Final Hazard Quotients for PAHs in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
11 (cont.)	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	4.70E-07	5.11E-06	3.53E-07	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	4.31E-07	4.69E-06	3.24E-07	2.20E-05	3.18E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	5.09E-07	5.54E-06	3.82E-07	2.60E-05	3.76E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	1.14E-06	1.24E-05	8.53E-07	5.80E-05	8.38E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	1.33E-06	1.45E-05	1.00E-06	6.80E-05	9.83E-06
	Beetle	PYRENE	ND	ND	ND	ND	ND	2.01E-04	4.70E-07	5.11E-06	3.53E-07	2.40E-05	3.47E-06
12	Grasshopper	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
	Grasshopper	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	2.15E-06	2.34E-05	1.62E-06	2.20E-05	3.18E-06
	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	2.55E-06	2.77E-05	1.91E-06	2.60E-05	3.76E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	5.68E-06	6.18E-05	4.27E-06	5.80E-05	8.38E-06
	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	6.66E-06	7.24E-05	5.00E-06	6.80E-05	9.83E-06
	Grasshopper	PYRENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	2.15E-06	2.34E-05	1.62E-06	2.20E-05	3.18E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	2.55E-06	2.77E-05	1.91E-06	2.60E-05	3.76E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	5.68E-06	6.18E-05	4.27E-06	5.80E-05	8.38E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	6.66E-06	7.24E-05	5.00E-06	6.80E-05	9.83E-06
	Beetle	PYRENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
15	Grasshopper	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	7.84E-06	8.52E-05	5.88E-06	2.40E-05	3.47E-06
	Grasshopper	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	7.18E-06	7.81E-05	5.39E-06	2.20E-05	3.18E-06
	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	8.49E-06	9.23E-05	6.37E-06	2.60E-05	3.76E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	1.89E-05	2.06E-04	1.42E-05	5.80E-05	8.38E-06
	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	2.22E-05	2.41E-04	1.67E-05	6.80E-05	9.83E-06
	Grasshopper	PYRENE	ND	ND	ND	ND	ND	2.01E-04	7.84E-06	8.52E-05	5.88E-06	2.40E-05	3.47E-06
	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	7.84E-06	8.52E-05	5.88E-06	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	7.18E-06	7.81E-05	5.39E-06	2.20E-05	3.18E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	8.49E-06	9.23E-05	6.37E-06	2.60E-05	3.76E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	1.89E-05	2.06E-04	1.42E-05	5.80E-05	8.38E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	2.22E-05	2.41E-04	1.67E-05	6.80E-05	9.83E-06
	Beetle	PYRENE	ND	ND	ND	ND	ND	2.01E-04	7.84E-06	8.52E-05	5.88E-06	2.40E-05	3.47E-06
1B	Grasshopper	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.92E-04	7.84E-08	8.52E-07	5.88E-08	2.40E-05	3.47E-06
	Grasshopper	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.76E-04	7.18E-08	7.81E-07	5.39E-08	2.20E-05	3.18E-06
	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	2.07E-04	8.49E-08	9.23E-07	6.37E-08	2.60E-05	3.76E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	4.63E-04	1.89E-07	2.06E-06	1.42E-07	5.80E-05	8.38E-06
	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	5.43E-04	2.22E-07	2.41E-06	1.67E-07	6.80E-05	9.83E-06
	Grasshopper	PYRENE	ND	ND	ND	ND	ND	1.92E-04	7.84E-08	8.52E-07	5.88E-08	2.40E-05	3.47E-06
	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.92E-04	7.84E-08	8.52E-07	5.88E-08	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.76E-04	7.18E-08	7.81E-07	5.39E-08	2.20E-05	3.18E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	2.07E-04	8.49E-08	9.23E-07	6.37E-08	2.60E-05	3.76E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	4.63E-04	1.89E-07	2.06E-06	1.42E-07	5.80E-05	8.38E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	5.43E-04	2.22E-07	2.41E-06	1.67E-07	6.80E-05	9.83E-06

Final Hazard Quotients for PAHs in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1B (cont.)	Beetle	PYRENE	ND	ND	ND	ND	ND	1.92E-04	7.84E-08	8.52E-07	5.88E-08	2.40E-05	3.47E-06
1C	Grasshopper	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-06	3.41E-05	2.35E-06	2.40E-05	3.47E-06
	Grasshopper	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	2.87E-06	3.12E-05	2.16E-06	2.20E-05	3.18E-06
	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	3.40E-06	3.69E-05	2.55E-06	2.60E-05	3.76E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	7.57E-06	8.24E-05	5.69E-06	5.80E-05	8.38E-06
	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	8.88E-06	9.66E-05	6.67E-06	6.80E-05	9.83E-06
	Grasshopper	PYRENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-06	3.41E-05	2.35E-06	2.40E-05	3.47E-06
	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-06	3.41E-05	2.35E-06	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	2.87E-06	3.12E-05	2.16E-06	2.20E-05	3.18E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	3.40E-06	3.69E-05	2.55E-06	2.60E-05	3.76E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	7.57E-06	8.24E-05	5.69E-06	5.80E-05	8.38E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	8.88E-06	9.66E-05	6.67E-06	6.80E-05	9.83E-06
	Beetle	PYRENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-06	3.41E-05	2.35E-06	2.40E-05	3.47E-06
21	Grasshopper	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	4.79E-05	1.96E-08	2.13E-07	1.47E-08	2.40E-05	3.47E-06
	Grasshopper	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	4.39E-05	1.80E-08	1.95E-07	1.35E-08	2.20E-05	3.18E-06
	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	5.19E-05	2.12E-08	2.31E-07	1.59E-08	2.60E-05	3.76E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	1.16E-04	4.73E-08	5.15E-07	3.55E-08	5.80E-05	8.38E-06
	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	1.36E-04	5.55E-08	6.04E-07	4.17E-08	6.80E-05	9.83E-06
	Grasshopper	PYRENE	ND	ND	ND	ND	ND	4.79E-05	1.96E-08	2.13E-07	1.47E-08	2.40E-05	3.47E-06
	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	4.79E-05	1.96E-08	2.13E-07	1.47E-08	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	4.39E-05	1.80E-08	1.95E-07	1.35E-08	2.20E-05	3.18E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	5.19E-05	2.12E-08	2.31E-07	1.59E-08	2.60E-05	3.76E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	1.16E-04	4.73E-08	5.15E-07	3.55E-08	5.80E-05	8.38E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	1.36E-04	5.55E-08	6.04E-07	4.17E-08	6.80E-05	9.83E-06
	Beetle	PYRENE	ND	ND	ND	ND	ND	4.79E-05	1.96E-08	2.13E-07	1.47E-08	2.40E-05	3.47E-06
37	Grasshopper	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	1.10E-07	1.19E-06	8.24E-08	2.40E-05	3.47E-06
	Grasshopper	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	1.01E-07	1.09E-06	7.55E-08	2.20E-05	3.18E-06
	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	1.19E-07	1.29E-06	8.92E-08	2.60E-05	3.76E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	2.65E-07	2.88E-06	1.99E-07	5.80E-05	8.38E-06
	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	3.11E-07	3.38E-06	2.33E-07	6.80E-05	9.83E-06
	Grasshopper	PYRENE	ND	ND	ND	ND	ND	2.01E-04	1.10E-07	1.19E-06	8.24E-08	2.40E-05	3.47E-06
	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	1.10E-07	1.19E-06	8.24E-08	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	1.01E-07	1.09E-06	7.55E-08	2.20E-05	3.18E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	1.19E-07	1.29E-06	8.92E-08	2.60E-05	3.76E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	2.65E-07	2.88E-06	1.99E-07	5.80E-05	8.38E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	3.11E-07	3.38E-06	2.33E-07	6.80E-05	9.83E-06
	Beetle	PYRENE	ND	ND	ND	ND	ND	2.01E-04	1.10E-07	1.19E-06	8.24E-08	2.40E-05	3.47E-06
42	Grasshopper	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	5.64E-06	6.13E-05	4.24E-06	2.40E-05	3.47E-06
	Grasshopper	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	5.17E-06	5.62E-05	3.88E-06	2.20E-05	3.18E-06
	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	6.11E-06	6.65E-05	4.59E-06	2.60E-05	3.76E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	1.36E-05	1.48E-04	1.02E-05	5.80E-05	8.38E-06

Final Hazard Quotients for PAHs in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
42 (cont.)	*Grasshopper*	*PHENANTHRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*5.70E-04*	*1.60E-05*	*1.74E-04*	*1.20E-05*	*6.80E-05*	*9.83E-06*
	Grasshopper	*PYRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*5.64E-06*	*6.13E-05*	*4.24E-06*	*2.40E-05*	*3.47E-06*
	Beetle	*BENZO(A)ANTHRACENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*5.64E-06*	*6.13E-05*	*4.24E-06*	*2.40E-05*	*3.47E-06*
	Beetle	*BENZO(K)FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.84E-04*	*5.17E-06*	*5.62E-05*	*3.88E-06*	*2.20E-05*	*3.18E-06*
	Beetle	*CHRYSENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.18E-04*	*6.11E-06*	*6.65E-05*	*4.59E-06*	*2.60E-05*	*3.76E-06*
	Beetle	*FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*4.86E-04*	*1.36E-05*	*1.48E-04*	*1.02E-05*	*5.80E-05*	*8.38E-06*
	Beetle	*PHENANTHRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*5.70E-04*	*1.60E-05*	*1.74E-04*	*1.20E-05*	*6.80E-05*	*9.83E-06*
	Beetle	*PYRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*5.64E-06*	*6.13E-05*	*4.24E-06*	*2.40E-05*	*3.47E-06*
45	*Grasshopper*	*BENZO(A)ANTHRACENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*7.84E-07*	*8.52E-06*	*5.88E-07*	*2.40E-05*	*3.47E-06*
	Grasshopper	*BENZO(K)FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.84E-04*	*7.18E-07*	*7.81E-06*	*5.39E-07*	*2.20E-05*	*3.18E-06*
	Grasshopper	*CHRYSENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.18E-04*	*8.49E-07*	*9.23E-06*	*6.37E-07*	*2.60E-05*	*3.76E-06*
	Grasshopper	*FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*4.86E-04*	*1.89E-06*	*2.06E-05*	*1.42E-06*	*5.80E-05*	*8.38E-06*
	Grasshopper	*PHENANTHRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*5.70E-04*	*2.22E-06*	*2.41E-05*	*1.67E-06*	*6.80E-05*	*9.83E-06*
	Grasshopper	*PYRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*7.84E-07*	*8.52E-06*	*5.88E-07*	*2.40E-05*	*3.47E-06*
	Beetle	*BENZO(A)ANTHRACENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*7.84E-07*	*8.52E-06*	*5.88E-07*	*2.40E-05*	*3.47E-06*
	Beetle	*BENZO(K)FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.84E-04*	*7.18E-07*	*7.81E-06*	*5.39E-07*	*2.20E-05*	*3.18E-06*
	Beetle	*CHRYSENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.18E-04*	*8.49E-07*	*9.23E-06*	*6.37E-07*	*2.60E-05*	*3.76E-06*
	Beetle	*FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*4.86E-04*	*1.89E-06*	*2.06E-05*	*1.42E-06*	*5.80E-05*	*8.38E-06*
	Beetle	*PHENANTHRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*5.70E-04*	*2.22E-06*	*2.41E-05*	*1.67E-06*	*6.80E-05*	*9.83E-06*
	Beetle	*PYRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*7.84E-07*	*8.52E-06*	*5.88E-07*	*2.40E-05*	*3.47E-06*
RSA	*Grasshopper*	*BENZO(A)ANTHRACENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*3.13E-05*	*8.78E-05*	*2.87E-04*	*2.40E-05*	*3.47E-06*
	Grasshopper	*BENZO(K)FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.84E-04*	*2.87E-05*	*8.04E-05*	*2.63E-04*	*2.20E-05*	*3.18E-06*
	Grasshopper	*CHRYSENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.18E-04*	*3.40E-05*	*9.51E-05*	*3.11E-04*	*2.60E-05*	*3.76E-06*
	Grasshopper	*FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*4.86E-04*	*7.57E-05*	*2.12E-04*	*6.94E-04*	*5.80E-05*	*8.38E-06*
	Grasshopper	*PHENANTHRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*5.70E-04*	*8.88E-05*	*2.49E-04*	*8.14E-04*	*6.80E-05*	*9.83E-06*
	Grasshopper	*PYRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*3.13E-05*	*8.78E-05*	*2.87E-04*	*2.40E-05*	*3.47E-06*
	Beetle	*BENZO(A)ANTHRACENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*3.13E-05*	*8.78E-05*	*2.87E-04*	*2.40E-05*	*3.47E-06*
	Beetle	*BENZO(K)FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.84E-04*	*2.87E-05*	*8.04E-05*	*2.63E-04*	*2.20E-05*	*3.18E-06*
	Beetle	*CHRYSENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.18E-04*	*3.40E-05*	*9.51E-05*	*3.11E-04*	*2.60E-05*	*3.76E-06*
	Beetle	*FLUORANTHENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*4.86E-04*	*7.57E-05*	*2.12E-04*	*6.94E-04*	*5.80E-05*	*8.38E-06*
	Beetle	*PHENANTHRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*5.70E-04*	*8.88E-05*	*2.49E-04*	*8.14E-04*	*6.80E-05*	*9.83E-06*
	Beetle	*PYRENE*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*3.13E-05*	*8.78E-05*	*2.87E-04*	*2.40E-05*	*3.47E-06*

[a] No toxicity data.

[b] Italics indicate that the hazard quotients represent modeled or calculated data, or data based on 1/2 the method detection limit.

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm (ug/g)
ESA-1	123TCB	1,2,3-Trichlorobenzene	0	15	0	1.60E-02	1.00E+00	1.09E-01	2.59E-01	2.27E-01	1.00E+00
	124TCB	1,2,4-Trichlorobenzene	0	15	0	1.10E-01	5.00E+00	6.21E-01	1.32E+00	1.22E+00	5.00E+00
	12DCLB	1,2-Dichlorobenzene	0	15	0	2.10E-02	1.00E+00	1.23E-01	2.64E-01	2.44E-01	1.00E+00
	12DPH	1,2-Diphenylhydrazine	0	15	0	2.60E-01	1.50E+01	1.71E+00	3.90E+00	3.48E+00	1.50E+01
	135TNB	1,3,5-Trinitrobenzene	0	15	0	4.61E-01	4.61E-01	4.61E-01	0.00E+00	0.00E+00	4.61E-01
	13DCLB	1,3-Dichlorobenzene	0	15	0	2.10E-02	1.00E+00	1.23E-01	2.64E-01	2.44E-01	1.00E+00
	13DNB	1,3-Dinitrobenzene	0	15	0	2.52E-01	2.52E-01	2.52E-01	0.00E+00	0.00E+00	2.52E-01
	14DCLB	1,4-Dichlorobenzene	0	15	0	1.70E-02	1.00E+00	1.14E-01	2.61E-01	2.32E-01	1.00E+00
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	15	0	6.15E-06	1.83E-04	3.01E-05	0.00E+00	3.01E-05	1.83E-04
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	15	0	2.90E-06	2.99E-05	1.11E-05	0.00E+00	1.11E-05	2.99E-05
	236TCP	2,3,6-Trichlorophenol	0	15	0	3.10E-01	1.50E+01	1.78E+00	3.90E+00	3.55E+00	1.50E+01
	245TCP	2,4,5-Trichlorophenol	0	15	0	2.45E-01	1.00E+01	1.36E+00	2.73E+00	2.60E+00	1.00E+01
	246TCP	2,4,6-Trichlorophenol	0	15	0	3.05E-02	1.50E+00	1.78E-01	3.90E-01	3.55E-01	1.50E+00
	246TNT	2,4,6-Trinitrotoluene	0	15	0	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00
	24DCLP	2,4-Dichlorophenol	0	15	0	3.25E-02	1.50E+00	1.79E-01	3.89E-01	3.56E-01	1.50E+00
	24DMPN	2,4-Dimethylphenol	0	15	0	1.50E+00	1.00E+02	1.09E+01	2.59E+01	2.26E+01	1.00E+02
	24DNP	2,4-Dinitrophenol	0	15	0	2.35E+00	1.00E+02	1.32E+01	2.69E+01	2.54E+01	1.00E+02
	24DNT	2,4-Dinitrotoluene	1	15	7	1.25E+00	1.04E+01	1.86E+00	2.36E+00	2.93E+00	2.93E+00
	26DNA	2,6-Dinitroaniline	0	15	0	2.85E-01	1.50E+01	1.76E+00	3.90E+00	3.54E+00	1.50E+01
	26DNT	2,6-Dinitrotoluene	0	15	0	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00
	2CLP	2-Chlorophenol	0	15	0	2.75E-02	1.50E+00	1.75E-01	3.91E-01	3.53E-01	1.50E+00
	2CNAP	2-Chloronaphthalene	0	15	0	1.20E-01	5.00E+00	6.63E-01	1.36E+00	1.28E+00	5.00E+00
	2MNAP	2-Methylnaphthalene	1	15	7	1.60E-02	1.00E+00	1.16E-01	2.57E-01	2.33E-01	2.33E-01
	2MP	o-Cresol	0	15	0	4.90E-02	2.50E+00	3.06E-01	6.61E-01	6.07E-01	2.50E+00
	2NANIL	2-Nitroaniline	0	15	0	1.55E+00	1.00E+02	1.09E+01	2.59E+01	2.27E+01	1.00E+02
	2NP	2-Nitrophenol	0	15	0	5.50E-01	3.00E+01	3.44E+00	7.80E+00	6.99E+00	3.00E+01
	33DCBD	3,3'-Dichlorobenzidine	0	15	0	8.00E-01	4.00E+01	4.97E+00	1.06E+01	9.78E+00	4.00E+01
	35DNA	3,5-Dinitroaniline	0	15	0	8.00E-01	4.00E+01	4.97E+00	1.06E+01	9.78E+00	4.00E+01
	3NANIL	3-Nitroaniline	0	15	0	1.50E+00	1.00E+02	1.09E+01	2.59E+01	2.26E+01	1.00E+02
	3NT	3-Nitrotoluene	0	15	0	1.70E-01	1.00E+01	1.14E+00	2.61E+00	2.32E+00	1.00E+01
	46DN2C	4,6-Dinitro-2-cresol	0	15	0	4.00E-01	2.00E+01	2.59E+00	5.46E+00	5.07E+00	2.00E+01
	4BRPPE	4-Bromophenyl phenyl ether	0	15	0	2.05E-02	1.00E+00	1.23E-01	2.64E-01	2.43E-01	1.00E+00
	4CANIL	4-Chloroaniline	0	15	0	3.15E-01	1.50E+01	1.79E+00	3.89E+00	3.56E+00	1.50E+01
	4CL3C	3-Methyl-4-chlorophenol	0	15	0	4.65E-01	2.50E+01	3.01E+00	6.61E+00	6.01E+00	2.50E+01
	4CLPPE	4-Chlorophenyl phenyl ether	0	15	0	8.50E-02	4.00E+00	5.01E-01	1.05E+00	9.81E-01	4.00E+00
	4MP	p-Cresol	0	15	0	1.20E-01	5.00E+00	6.63E-01	1.36E+00	1.28E+00	5.00E+00
	4NANIL	4-Nitroaniline	0	15	0	1.55E+00	1.00E+02	1.09E+01	2.59E+01	2.27E+01	1.00E+02
	4NP	4-Nitrophenol	0	15	0	1.65E+00	1.00E+02	1.13E+01	2.61E+01	2.32E+01	1.00E+02
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxi	2	15	13	2.35E-06	5.31E-04	5.05E-05	0.00E+00	5.05E-05	5.05E-05
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	15	0	5.10E-06	1.13E-04	2.46E-05	0.00E+00	2.46E-05	1.13E-04

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm (ug/g)
ESA-1 (cont.)	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	2.85E-06	5.60E-05	1.34E-05	0.00E+00	1.34E-05	5.60E-05
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	15	0	5.50E-06	1.60E-04	2.64E-05	0.00E+00	2.64E-05	1.60E-04
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	15	0	5.55E-06	1.24E-04	2.71E-05	0.00E+00	2.71E-05	1.24E-04
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	15	0	2.75E-06	5.40E-05	1.30E-05	0.00E+00	1.30E-05	5.40E-05
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	15	0	6.60E-06	1.94E-04	3.20E-05	0.00E+00	3.20E-05	1.94E-04
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	3.15E-06	6.15E-05	1.48E-05	0.00E+00	1.48E-05	6.15E-05
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	15	0	6.25E-06	1.90E-04	3.11E-05	0.00E+00	3.11E-05	1.90E-04
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	15	0	4.65E-06	2.24E-05	1.14E-05	0.00E+00	1.14E-05	2.24E-05
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	15	0	2.90E-06	2.97E-05	1.10E-05	0.00E+00	1.10E-05	2.97E-05
	ABHC	alpha-Hexachlorocyclohexane	0	15	0	1.40E-03	1.40E-02	6.44E-03	6.71E-03	9.49E-03	1.40E-02
	ACLDAN	alpha-Chlordane	3	15	20	2.00E-03	1.40E-01	2.61E-02	4.46E-02	4.64E-02	4.64E-02
	AENSLF	Endosulfan I	0	15	0	5.00E-04	5.00E-03	2.30E-03	2.07E-03	3.24E-03	5.00E-03
	AG	Silver	0	15	0	4.02E-01	4.02E-01	4.02E-01	0.00E+00	0.00E+00	4.02E-01
	AL	Aluminum	15	15	100	5.34E+02	1.63E+04	6.53E+03	5.88E+03	9.21E+03	9.21E+03
	ALDRN	Aldrin	0	15	0	7.00E-04	7.00E-03	3.22E-03	3.27E-03	4.71E-03	7.00E-03
	ANAPNE	Acenaphthene	0	15	0	2.05E-02	1.00E+00	1.23E-01	2.64E-01	2.43E-01	1.00E+00
	ANAPYL	Acenaphthylene	0	15	0	1.65E-02	1.00E+00	1.13E-01	2.61E-01	2.32E-01	1.00E+00
	ANIL	Aniline	0	15	0	6.50E-02	3.00E+00	3.85E-01	8.16E-01	7.56E-01	3.00E+00
	ANTRC	Anthracene	0	15	0	3.55E-01	2.00E+01	2.18E+00	5.12E+00	4.51E+00	2.00E+01
	AS	Arsenic	15	15	100	1.10E+01	4.90E+01	2.02E+01	9.26E+00	2.44E+01	2.44E+01
	ATZ	Atrazine	0	15	0	3.25E-02	1.50E+00	1.79E-01	3.89E-01	3.56E-01	1.50E+00
	B2CEXM	Bis(2-chloroethoxy) methane	0	15	0	9.50E-02	5.00E+00	6.09E-01	1.32E+00	1.21E+00	5.00E+00
	B2CIPE	Bis(2-chloroisopropyl) ether	0	15	0	2.20E-01	1.00E+01	1.28E+00	2.68E+00	2.49E+00	1.00E+01
	B2CLEE	Bis(2-chloroethyl) ether	0	15	0	1.80E-01	1.00E+01	1.18E+00	2.62E+00	2.37E+00	1.00E+01
	B2EHP	Bis(2-ethylhexyl) phthalate	0	15	0	2.40E-01	1.00E+01	1.36E+00	2.73E+00	2.60E+00	1.00E+01
	BA	Barium	15	15	100	1.50E+01	6.23E+02	2.23E+02	1.62E+02	2.97E+02	2.97E+02
	BAANTR	Benzo[a]anthracene	2	15	13	2.05E-02	1.00E+00	1.38E-01	2.61E-01	2.57E-01	2.57E-01
	BAPYR	Benzo[a]pyrene	0	15	0	6.00E-01	3.00E+01	3.48E+00	7.78E+00	7.02E+00	3.00E+01
	BBFANT	Benzo[b]fluoranthene	0	15	0	1.55E-01	1.00E+01	1.09E+00	2.59E+00	2.27E+00	1.00E+01
	BBHC	beta-Hexachlorocyclohexane	0	15	0	3.85E-03	3.85E-02	1.77E-02	1.75E-02	2.57E-02	3.85E-02
	BBZP	Butylbenzyl phthalate	0	15	0	9.00E-01	4.50E+01	5.72E+00	1.21E+01	1.12E+01	4.50E+01
	BE	Beryllium	11	15	73	2.14E-01	8.81E-01	5.01E-01	2.08E-01	5.96E-01	5.96E-01
	BENSLF	Endosulfan II	1	15	7	3.50E-04	3.50E-03	1.65E-03	0.00E+00	1.65E-03	1.65E-03
	BENZID	Benzidine	0	15	0	6.50E-02	3.00E+00	3.85E-01	8.16E-01	7.56E-01	3.00E+00
	BENZOA	Benzoic acid	0	15	0	1.55E+00	1.00E+02	1.09E+01	2.59E+01	2.27E+01	1.00E+02
	BGHIPY	Benzo[ghi]perylene	0	15	0	9.00E-02	4.50E+00	5.72E-01	1.21E+00	1.12E+00	4.50E+00
	BKFANT	Benzo[k]fluoranthene	1	15	7	6.50E-02	3.00E+00	3.98E-01	8.12E-01	7.67E-01	7.67E-01
	BZALC	Benzyl alcohol	0	15	0	1.60E-02	1.00E+00	1.09E-01	2.59E-01	2.27E-01	1.00E+00
	CA	Calcium	15	15	100	5.82E+02	3.93E+04	1.10E+04	1.38E+04	1.73E+04	1.73E+04
	CD	Cadmium	12	15	80	6.00E-01	1.38E+01	3.64E+00	3.47E+00	5.22E+00	5.22E+00
	CHRY	Chrysene	5	15	33	1.60E-02	1.00E+00	1.56E-01	2.53E-01	2.70E-01	2.70E-01

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm (ug/g)
ESA-1 (cont.)	CL6BZ	Hexachlorobenzene	0	15	0	4.00E-02	2.00E+00	2.59E-01	5.46E-01	5.07E-01	2.00E+00
	CL6CP	Hexachlorocyclopentadiene	0	15	0	2.60E-01	1.50E+01	1.71E+00	3.90E+00	3.48E+00	1.50E+01
	CL6ET	Hexachloroethane	0	15	0	9.00E-01	4.50E+01	5.72E+00	1.21E+01	1.12E+01	4.50E+01
	CLDAN	Chlordane	2	15	13	3.42E-02	1.80E+00	3.31E-01	5.55E-01	5.84E-01	5.84E-01
	CO	Cobalt	14	15	93	1.25E+00	1.21E+01	5.29E+00	2.67E+00	6.51E+00	6.51E+00
	CPMS	p-Chlorophenylmethyl sulfide	0	15	0	4.85E-02	2.50E+00	3.05E-01	6.62E-01	6.06E-01	2.50E+00
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	15	0	1.60E-01	1.00E+01	1.09E+00	2.59E+00	2.27E+00	1.00E+01
	CPMSO2	p-Chlorophenylmethyl sulfone	0	15	0	3.30E-02	1.50E+00	1.83E-01	3.90E-01	3.61E-01	1.50E+00
	CR	Chromium	15	15	100	1.22E+00	1.05E+02	2.03E+01	2.52E+01	3.17E+01	3.17E+01
	CU	Copper	15	15	100	2.18E+01	1.33E+02	6.97E+01	3.91E+01	8.75E+01	8.75E+01
	CYN	Cyanide	5	15	33	1.25E-01	1.02E+00	2.91E-01	2.75E-01	4.16E-01	4.16E-01
	DBAHA	Dibenz[ah]anthracene	0	15	0	1.55E-01	1.00E+01	1.09E+00	2.59E+00	2.27E+00	1.00E+01
	DBCP	Dibromochloropropane	0	15	0	3.55E-02	2.00E+00	2.18E-01	5.12E-01	4.51E-01	2.00E+00
	DBHC	delta-Hexachlorocyclohexane	0	15	0	4.25E-03	4.25E-02	1.96E-02	1.94E-02	2.84E-02	4.25E-02
	DBZFUR	Dibenzofuran	0	15	0	1.90E-01	1.00E+01	1.22E+00	2.65E+00	2.42E+00	1.00E+01
	DCPD	Dicyclopentadiene	0	15	0	2.85E-01	1.50E+01	1.76E+00	3.90E+00	3.54E+00	1.50E+01
	DDVP	Vapona	0	15	0	3.40E-02	1.50E+00	1.84E-01	3.90E-01	3.61E-01	1.50E+00
	DEP	Diethyl phthalate	0	15	0	1.20E-01	5.00E+00	6.63E-01	1.36E+00	1.28E+00	5.00E+00
	DITH	Dithiane	0	15	0	3.25E-02	1.50E+00	1.79E-01	3.89E-01	3.56E-01	1.50E+00
	DLDRN	Dieldrin	3	15	20	8.00E-04	2.70E-01	2.25E-02	6.88E-02	5.38E-02	5.38E-02
	DMP	Dimethyl phthalate	0	15	0	3.15E-02	1.50E+00	1.79E-01	3.89E-01	3.56E-01	1.50E+00
	DNBP	Di-n-butyl phthalate	0	15	0	6.50E-01	3.00E+01	3.85E+00	8.16E+00	7.56E+00	3.00E+01
	DNOP	Di-n-octyl phthalate	0	15	0	1.15E-01	5.00E+00	6.59E-01	1.36E+00	1.28E+00	5.00E+00
	ENDRN	Endrin	2	15	13	3.25E-03	8.10E-02	2.12E-02	2.70E-02	3.35E-02	3.35E-02
	ENDRNA	Endrin aldehyde	1	15	7	2.50E-04	7.50E-03	1.48E-03	1.69E-03	2.25E-03	2.25E-03
	ENDRNK	Endrin ketone	0	15	0	2.50E-04	2.50E-03	1.15E-03	0.00E+00	1.15E-03	2.50E-03
	ESFSO4	Endosulfan sulfate	0	15	0	2.50E-04	2.50E-03	1.15E-03	0.00E+00	1.15E-03	2.50E-03
	FAMPHR	Famophos	0	15	0	6.50E-01	3.00E+01	3.85E+00	8.16E+00	7.56E+00	3.00E+01
	FANT	Fluoranthene	5	15	33	1.60E-02	1.00E+00	1.32E-01	2.53E-01	2.47E-01	2.47E-01
	FE	Iron	15	15	100	6.83E+02	1.87E+04	7.82E+03	6.94E+03	1.10E+04	1.10E+04
	FLRENE	Fluorene	0	15	0	3.25E-02	1.50E+00	1.79E-01	3.89E-01	3.56E-01	1.50E+00
	GCLDAN	gamma-Chlordane	3	15	20	2.00E-03	1.80E-01	3.09E-02	5.56E-02	5.62E-02	5.62E-02
	HCBD	Hexachlorobutadiene	0	15	0	4.85E-01	2.50E+01	3.05E+00	6.62E+00	6.06E+00	2.50E+01
	HG	Mercury	8	15	53	2.50E-02	2.20E-01	7.29E-02	6.22E-02	1.01E-01	1.01E-01
	HMX	Cyclotetramethylenetetranitramine	0	15	0	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00
	HPCL	Heptachlor	0	15	0	1.10E-03	1.10E-02	5.06E-03	5.48E-03	7.55E-03	1.10E-02
	HPCLE	Heptachlor epoxide	0	15	0	6.50E-04	6.50E-03	2.99E-03	3.27E-03	4.48E-03	6.50E-03
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	15	0	1.20E+00	5.00E+01	6.63E+00	1.36E+01	1.28E+01	5.00E+01
	ISODR	Isodrin	0	15	0	1.50E-03	1.50E-02	6.90E-03	7.02E-03	1.01E-02	1.50E-02
	ISOPHR	Isophorone	0	15	0	1.95E-01	1.00E+01	1.22E+00	2.65E+00	2.43E+00	1.00E+01
	K	Potassium	15	15	100	1.87E+02	5.00E+03	1.92E+03	1.69E+03	2.69E+03	2.69E+03

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm (ug/g)
ESA-1 (cont.)	KEP	Kepone	0	15	0	6.50E-01	3.00E+01	3.85E+00	8.16E+00	7.56E+00	3.00E+01
	LIN	Lindane	0	15	0	5.00E-04	5.00E-03	2.30E-03	2.07E-03	3.24E-03	5.00E-03
	MEXCLR	Methoxychlor	0	15	0	1.80E-02	1.80E-01	8.28E-02	8.22E-02	1.20E-01	1.80E-01
	MG	Magnesium	15	15	100	2.98E+02	8.42E+03	3.51E+03	3.04E+03	4.89E+03	4.89E+03
	MIREX	Mirex	0	15	0	7.00E-02	3.50E+00	4.23E-01	9.31E-01	8.46E-01	3.50E+00
	MLTHN	Malathion	0	15	0	9.00E-02	4.50E+00	5.72E-01	1.21E+00	1.12E+00	4.50E+00
	MN	Manganese	15	15	100	1.54E+01	4.62E+02	1.77E+02	1.57E+02	2.48E+02	2.48E+02
	NA	Sodium	15	15	100	8.37E+01	7.30E+02	2.19E+02	1.98E+02	3.09E+02	3.09E+02
	NAP	Naphthalene	0	15	0	3.70E-01	2.00E+01	2.20E+00	5.12E+00	4.52E+00	2.00E+01
	NB	Nitrobenzene	0	15	0	5.70E-01	5.70E-01	5.70E-01	0.00E+00	0.00E+00	5.70E-01
	NI	Nickel	15	15	100	6.04E+00	2.86E+01	1.36E+01	6.76E+00	1.67E+01	1.67E+01
	NNDMEA	N-Nitrosodimethylamine	0	15	0	2.30E-01	1.00E+01	1.32E+00	2.69E+00	2.54E+00	1.00E+01
	NNDNPA	N-Nitrosodi-n-propylamine	0	15	0	5.50E-01	3.00E+01	3.44E+00	7.80E+00	6.99E+00	3.00E+01
	NNDPA	N-Nitrosodiphenylamine	0	15	0	1.45E-01	5.00E+00	7.49E-01	1.42E+00	1.39E+00	5.00E+00
	OCDD	Octachlorodibenzodioxin - nonspecific	12	15	80	2.68E-05	4.23E-03	9.02E-04	8.45E-04	1.29E-03	1.29E-03
	OCDF	Octachlorodibenzofuran - nonspecific	0	15	0	8.95E-06	3.80E-04	7.18E-05	0.00E+00	7.18E-05	3.80E-04
	OXAT	1,4-Oxathiane	0	15	0	3.75E-02	2.00E+00	2.57E-01	5.47E-01	5.05E-01	2.00E+00
	PB	Lead	15	15	100	1.72E+01	8.22E+02	3.45E+02	2.58E+02	4.62E+02	4.62E+02
	PCB016	PCB 1016	0	15	0	5.00E-02	5.00E-01	2.30E-01	2.28E-01	3.34E-01	5.00E-01
	PCB221	PCB 1221	0	15	0	5.00E-02	5.00E-01	2.30E-01	2.28E-01	3.34E-01	5.00E-01
	PCB232	PCB 1232	0	15	0	5.00E-02	5.00E-01	2.30E-01	2.28E-01	3.34E-01	5.00E-01
	PCB242	PCB 1242	0	15	0	5.00E-02	5.00E-01	2.30E-01	2.28E-01	3.34E-01	5.00E-01
	PCB248	PCB 1248	0	15	0	5.00E-02	5.00E-01	2.30E-01	2.28E-01	3.34E-01	5.00E-01
	PCB254	PCB 1254	0	15	0	2.40E-02	2.40E-01	1.10E-01	1.10E-01	1.60E-01	2.40E-01
	PCB260	PCB 1260	0	15	0	2.40E-02	2.40E-01	1.10E-01	1.10E-01	1.60E-01	2.40E-01
	PCB262	PCB 1262	0	15	0	3.15E+00	1.50E+02	1.79E+01	3.89E+01	3.56E+01	1.50E+02
	PCP	Pentachlorophenol	0	15	0	3.80E-01	2.00E+01	2.57E+00	5.47E+00	5.06E+00	2.00E+01
	PHANTR	Phenanthrene	4	15	27	1.60E-02	1.00E+00	1.61E-01	2.62E-01	2.80E-01	2.80E-01
	PHENOL	Phenol	0	15	0	2.60E-02	1.50E+00	1.71E-01	3.90E-01	3.48E-01	1.50E+00
	PPDDD	ppDDD	3	15	20	1.35E-03	9.20E-02	1.77E-02	2.98E-02	3.13E-02	3.13E-02
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethen	1	15	7	1.35E-03	1.35E-02	6.34E-03	5.79E-03	8.98E-03	8.98E-03
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroeth	5	15	33	1.75E-03	7.90E-02	1.78E-02	2.57E-02	2.95E-02	2.95E-02
	PRTHN	Parathion	0	15	0	8.50E-01	4.00E+01	5.01E+00	1.05E+01	9.81E+00	4.00E+01
	PYR	Benzo[def]phenanthrene	4	15	27	4.15E-02	2.00E+00	3.27E-01	5.32E-01	5.69E-01	5.69E-01
	RDX	RDX / Cyclonite	0	15	0	6.40E-01	6.40E-01	6.40E-01	0.00E+00	0.00E+00	6.40E-01
	SB	Antimony	10	15	67	5.00E-01	3.52E+02	7.58E+01	1.19E+02	1.30E+02	1.30E+02
	SE	Selenium	1	15	7	2.25E-01	1.04E+00	2.79E-01	2.11E-01	3.75E-01	3.75E-01
	SUPONA	Supona	0	15	0	4.60E-01	2.50E+01	3.00E+00	6.62E+00	6.01E+00	2.50E+01
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	3	15	20	4.05E-06	2.47E-05	1.18E-05	0.00E+00	1.18E-05	1.18E-05
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	15	0	2.25E-06	2.73E-05	8.99E-06	0.00E+00	8.99E-06	2.73E-05
	TETRYL	Tetryl	0	15	0	1.06E+00	1.06E+00	1.06E+00	0.00E+00	0.00E+00	1.06E+00

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm (ug/g)
ESA-2	TL	Thallium	0	15	0	1.72E+01	1.72E+01	1.72E+01	0.00E+00	0.00E+00	1.72E+01
	TXPHEN	Toxaphene	0	15	0	1.13E-01	1.15E+00	5.28E-01	5.26E-01	7.67E-01	1.15E+00
	V	Vanadium	15	15	100	1.05E+01	2.28E+01	1.49E+01	4.27E+00	1.68E+01	1.68E+01
	ZN	Zinc	15	15	100	8.46E+00	5.18E+02	1.30E+02	1.32E+02	1.90E+02	1.90E+02
	123TCB	1,2,3-Trichlorobenzene	0	15	0	1.60E-02	1.60E-02	1.60E-02	0.00E+00	0.00E+00	1.60E-02
	124TCB	1,2,4-Trichlorobenzene	0	15	0	1.10E-01	1.10E-01	1.10E-01	0.00E+00	0.00E+00	1.10E-01
	12DCLB	1,2-Dichlorobenzene	0	15	0	2.10E-02	2.10E-02	2.10E-02	0.00E+00	0.00E+00	2.10E-02
	12DPH	1,2-Diphenylhydrazine	0	15	0	2.60E-01	2.60E-01	2.60E-01	0.00E+00	0.00E+00	2.60E-01
	135TNB	1,3,5-Trinitrobenzene	0	15	0	4.61E-01	4.61E-01	4.61E-01	0.00E+00	0.00E+00	4.61E-01
	13DCLB	1,3-Dichlorobenzene	0	15	0	2.10E-02	2.10E-02	2.10E-02	0.00E+00	0.00E+00	2.10E-02
	13DNB	1,3-Dinitrobenzene	0	15	0	2.52E-01	2.52E-01	2.52E-01	0.00E+00	0.00E+00	2.52E-01
	14DCLB	1,4-Dichlorobenzene	0	15	0	1.70E-02	1.70E-02	1.70E-02	0.00E+00	0.00E+00	1.70E-02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	15	0	3.50E-06	1.45E-05	9.42E-06	0.00E+00	9.42E-06	1.45E-05
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	15	0	3.00E-06	1.03E-05	6.24E-06	0.00E+00	6.24E-06	1.03E-05
	236TCP	2,3,6-Trichlorophenol	0	15	0	3.10E-01	3.10E-01	3.10E-01	0.00E+00	0.00E+00	3.10E-01
	245TCP	2,4,5-Trichlorophenol	0	15	0	2.45E-01	2.45E-01	2.45E-01	0.00E+00	0.00E+00	2.45E-01
	246TCP	2,4,6-Trichlorophenol	0	15	0	3.05E-02	3.05E-02	3.05E-02	0.00E+00	0.00E+00	3.05E-02
	246TNT	2,4,6-Trinitrotoluene	0	15	0	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00
	24DCLP	2,4-Dichlorophenol	0	15	0	3.25E-02	3.25E-02	3.25E-02	0.00E+00	0.00E+00	3.25E-02
	24DMPN	2,4-Dimethylphenol	0	15	0	1.50E+00	1.50E+00	1.50E+00	0.00E+00	0.00E+00	1.50E+00
	24DNP	2,4-Dinitrophenol	0	15	0	2.35E+00	2.35E+00	2.35E+00	0.00E+00	0.00E+00	2.35E+00
	24DNT	2,4-Dinitrotoluene	0	15	0	1.25E+00	1.25E+00	1.25E+00	0.00E+00	0.00E+00	1.25E+00
	26DNA	2,6-Dinitroaniline	0	15	0	2.85E-01	2.85E-01	2.85E-01	0.00E+00	0.00E+00	2.85E-01
	26DNT	2,6-Dinitrotoluene	0	15	0	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00
	2CLP	2-Chlorophenol	0	15	0	2.75E-02	2.75E-02	2.75E-02	0.00E+00	0.00E+00	2.75E-02
	2CNAP	2-Chloronaphthalene	0	15	0	1.20E-01	1.20E-01	1.20E-01	0.00E+00	0.00E+00	1.20E-01
	2MNAP	2-Methylnaphthalene	2	15	13	1.60E-02	4.90E+00	3.79E-01	1.26E+00	9.51E-01	9.51E-01
	2MP	o-Cresol	0	15	0	4.90E-02	4.90E-02	4.90E-02	0.00E+00	0.00E+00	4.90E-02
	2NANIL	2-Nitroaniline	0	15	0	1.55E+00	1.55E+00	1.55E+00	0.00E+00	0.00E+00	1.55E+00
	2NP	2-Nitrophenol	0	15	0	5.50E-01	5.50E-01	5.50E-01	0.00E+00	0.00E+00	5.50E-01
	33DCBD	3,3'-Dichlorobenzidine	0	15	0	8.00E-01	8.00E-01	8.00E-01	0.00E+00	0.00E+00	8.00E-01
	35DNA	3,5-Dinitroaniline	0	15	0	8.00E-01	8.00E-01	8.00E-01	0.00E+00	0.00E+00	8.00E-01
	3NANIL	3-Nitroaniline	0	15	0	1.50E+00	1.50E+00	1.50E+00	0.00E+00	0.00E+00	1.50E+00
	3NT	3-Nitrotoluene	0	15	0	1.70E-01	1.70E-01	1.70E-01	0.00E+00	0.00E+00	1.70E-01
	46DN2C	4,6-Dinitro-2-cresol	0	15	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01
	4BRPPE	4-Bromophenyl phenyl ether	0	15	0	2.05E-02	2.05E-02	2.05E-02	0.00E+00	0.00E+00	2.05E-02
	4CANIL	4-Chloroaniline	0	15	0	3.15E-01	3.15E-01	3.15E-01	0.00E+00	0.00E+00	3.15E-01
	4CL3C	3-Methyl-4-chlorophenol	0	15	0	4.65E-01	4.65E-01	4.65E-01	0.00E+00	0.00E+00	4.65E-01
	4CLPPE	4-Chlorophenyl phenyl ether	0	15	0	8.50E-02	8.50E-02	8.50E-02	0.00E+00	0.00E+00	8.50E-02
	4MP	p-Cresol	0	15	0	1.20E-01	1.20E-01	1.20E-01	0.00E+00	0.00E+00	1.20E-01
	4NANIL	4-Nitroaniline	0	15	0	1.55E+00	1.55E+00	1.55E+00	0.00E+00	0.00E+00	1.55E+00

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm (ug/g)
ESA-2 (cont.)	4NP	4-Nitrophenol	0	15	0	1.65E+00	1.65E+00	1.65E+00	0.00E+00	0.00E+00	1.65E+00
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxi	4	15	27	5.00E-07	6.42E-04	9.99E-05	0.00E+00	9.99E-05	9.99E-05
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2	15	13	4.45E-06	1.75E-05	1.08E-05	0.00E+00	1.08E-05	1.08E-05
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	3.90E-06	1.25E-05	7.69E-06	0.00E+00	7.69E-06	1.25E-05
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	15	0	3.05E-06	1.28E-05	8.29E-06	0.00E+00	8.29E-06	1.28E-05
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	15	0	4.85E-06	1.93E-05	1.10E-05	0.00E+00	1.10E-05	1.93E-05
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1	15	7	3.70E-06	1.00E-04	1.45E-05	0.00E+00	1.45E-05	1.45E-05
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	15	0	3.70E-06	1.55E-05	9.98E-06	0.00E+00	9.98E-06	1.55E-05
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	4.10E-06	1.48E-05	8.27E-06	0.00E+00	8.27E-06	1.48E-05
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	15	0	3.65E-06	1.48E-05	9.53E-06	0.00E+00	9.53E-06	1.48E-05
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	15	0	4.20E-06	2.19E-05	9.99E-06	0.00E+00	9.99E-06	2.19E-05
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	15	0	3.00E-06	1.03E-05	6.23E-06	0.00E+00	6.23E-06	1.03E-05
	ABHC	alpha-Hexachlorocyclohexane	0	15	0	1.40E-03	1.40E-03	1.40E-03	0.00E+00	0.00E+00	1.40E-03
	ACLDAN	alpha-Chlordane	1	15	7	2.00E-03	1.28E-02	2.72E-03	2.67E-03	3.94E-03	3.94E-03
	AENSLF	Endosulfan I	1	15	7	5.00E-04	3.50E-03	7.00E-04	8.45E-04	1.08E-03	1.08E-03
	AG	Silver	0	15	0	4.02E-01	4.02E-01	4.02E-01	0.00E+00	0.00E+00	4.02E-01
	AL	Aluminum	15	15	100	3.00E+03	1.18E+04	6.74E+03	2.81E+03	8.01E+03	8.01E+03
	ALDRN	Aldrin	3	15	20	7.00E-04	2.73E-03	1.03E-03	0.00E+00	1.03E-03	1.03E-03
	ANAPNE	Acenaphthene	2	15	13	2.05E-02	6.00E+01	4.04E+00	1.55E+01	1.11E+01	1.11E+01
	ANAPYL	Acenaphthylene	0	15	0	1.65E-02	1.65E-02	1.65E-02	0.00E+00	0.00E+00	1.65E-02
	ANIL	Aniline	0	15	0	6.50E-02	6.50E-02	6.50E-02	0.00E+00	0.00E+00	6.50E-02
	ANTRC	Anthracene	1	15	7	3.55E-01	7.00E+01	5.00E+00	1.80E+01	1.32E+01	1.32E+01
	AS	Arsenic	14	15	93	1.25E+00	6.70E+01	1.02E+01	1.64E+01	1.77E+01	1.77E+01
	ATZ	Atrazine	0	15	0	3.25E-02	3.25E-02	3.25E-02	0.00E+00	0.00E+00	3.25E-02
	B2CEXM	Bis(2-chloroethoxy) methane	0	15	0	9.50E-02	9.50E-02	9.50E-02	0.00E+00	0.00E+00	9.50E-02
	B2CIPE	Bis(2-chloroisopropyl) ether	0	15	0	2.20E-01	2.20E-01	2.20E-01	0.00E+00	0.00E+00	2.20E-01
	B2CLEE	Bis(2-chloroethyl) ether	0	15	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01
	B2EHP	Bis(2-ethylhexyl) phthalate	0	15	0	2.40E-01	2.40E-01	2.40E-01	0.00E+00	0.00E+00	2.40E-01
	BA	Barium	15	15	100	4.60E+01	3.94E+02	1.27E+02	9.01E+01	1.68E+02	1.68E+02
	BAANTR	Benzo[a]anthracene	6	15	40	2.05E-02	1.00E+02	6.87E+00	2.58E+01	1.86E+01	1.86E+01
	BAPYR	Benzo[a]pyrene	1	15	7	6.00E-01	1.00E+02	7.23E+00	2.57E+01	1.89E+01	1.89E+01
	BBFANT	Benzo[b]fluoranthene	3	15	20	1.55E-01	1.00E+02	7.10E+00	2.57E+01	1.88E+01	1.88E+01
	BBHC	beta-Hexachlorocyclohexane	0	15	0	3.85E-03	3.85E-03	3.85E-03	0.00E+00	0.00E+00	3.85E-03
	BBZP	Butylbenzyl phthalate	0	15	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01
	BE	Beryllium	3	15	20	2.14E-01	6.66E-01	2.93E-01	1.65E-01	3.68E-01	3.68E-01
	BENSLF	Endosulfan II	4	15	27	3.50E-04	5.84E-03	1.11E-03	1.20E-03	1.65E-03	1.65E-03
	BENZID	Benzidine	0	15	0	6.50E-02	6.50E-02	6.50E-02	0.00E+00	0.00E+00	6.50E-02
	BENZOA	Benzoic acid	0	15	0	1.55E+00	1.55E+00	1.55E+00	0.00E+00	0.00E+00	1.55E+00
	BGHIPY	Benzo[ghi]perylene	3	15	20	9.00E-02	6.00E+01	4.17E+00	1.54E+01	1.12E+01	1.12E+01
	BKFANT	Benzo[k]fluoranthene	4	15	27	6.50E-02	1.00E+02	6.83E+00	2.58E+01	1.86E+01	1.86E+01
	BZALC	Benzyl alcohol	0	15	0	1.60E-02	1.60E-02	1.60E-02	0.00E+00	0.00E+00	1.60E-02

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm (ug/g)
ESA-2 (cont.)	CA	Calcium	15	15	100	5.38E+03	6.60E+04	2.92E+04	1.54E+04	3.61E+04	3.61E+04
	CD	Cadmium	8	15	53	6.00E-01	2.00E+01	2.93E+00	5.00E+00	5.21E+00	5.21E+00
	CHRY	Chrysene	6	15	40	1.60E-02	2.00E+02	1.36E+01	5.16E+01	3.70E+01	3.70E+01
	CL6BZ	Hexachlorobenzene	0	15	0	4.00E-02	4.00E-02	4.00E-02	0.00E+00	0.00E+00	4.00E-02
	CL6CP	Hexachlorocyclopentadiene	0	15	0	2.60E-01	2.60E-01	2.60E-01	0.00E+00	0.00E+00	2.60E-01
	CL6ET	Hexachloroethane	0	15	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01
	CLDAN	Chlordane	1	15	7	3.42E-02	2.54E-01	4.89E-02	5.67E-02	7.46E-02	7.46E-02
	CO	Cobalt	9	15	60	1.25E+00	1.53E+01	3.54E+00	3.53E+00	5.14E+00	5.14E+00
	CPMS	p-Chlorophenylmethyl sulfide	0	15	0	4.85E-02	4.85E-02	4.85E-02	0.00E+00	0.00E+00	4.85E-02
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	15	0	1.60E-01	1.60E-01	1.60E-01	0.00E+00	0.00E+00	1.60E-01
	CPMSO2	p-Chlorophenylmethyl sulfone	0	15	0	3.30E-02	3.30E-02	3.30E-02	0.00E+00	0.00E+00	3.30E-02
	CR	Chromium	15	15	100	5.27E+00	4.92E+01	1.55E+01	1.08E+01	2.04E+01	2.04E+01
	CU	Copper	15	15	100	3.41E+00	3.80E+03	3.06E+02	9.73E+02	7.48E+02	7.48E+02
	CYN	Cyanide	0	15	0	1.25E-01	1.25E-01	1.25E-01	0.00E+00	0.00E+00	1.25E-01
	DBAHA	Dibenz[ah]anthracene	1	15	7	1.55E-01	3.00E+01	2.14E+00	7.71E+00	5.65E+00	5.65E+00
	DBCP	Dibromochloropropane	0	15	0	3.55E-02	3.55E-02	3.55E-02	0.00E+00	0.00E+00	3.55E-02
	DBHC	delta-Hexachlorocyclohexane	0	15	0	4.25E-03	4.25E-03	4.25E-03	0.00E+00	0.00E+00	4.25E-03
	DBZFUR	Dibenzofuran	1	15	7	1.90E-01	2.00E+01	1.51E+00	5.11E+00	3.84E+00	3.84E+00
	DCPD	Dicyclopentadiene	0	15	0	2.85E-01	2.85E-01	2.85E-01	0.00E+00	0.00E+00	2.85E-01
	DDVP	Vapona	0	15	0	3.40E-02	3.40E-02	3.40E-02	0.00E+00	0.00E+00	3.40E-02
	DEP	Diethyl phthalate	0	15	0	1.20E-01	1.20E-01	1.20E-01	0.00E+00	0.00E+00	1.20E-01
	DITH	Dithiane	0	15	0	3.25E-02	3.25E-02	3.25E-02	0.00E+00	0.00E+00	3.25E-02
	DLDRN	Dieldrin	5	15	33	8.00E-04	1.97E-02	3.53E-03	5.92E-03	6.22E-03	6.22E-03
	DMP	Dimethyl phthalate	0	15	0	3.15E-02	3.15E-02	3.15E-02	0.00E+00	0.00E+00	3.15E-02
	DNBP	Di-n-butyl phthalate	0	15	0	6.50E-01	6.50E-01	6.50E-01	0.00E+00	0.00E+00	6.50E-01
	DNOP	Di-n-octyl phthalate	0	12	0	1.15E-01	1.15E-01	1.15E-01	0.00E+00	0.00E+00	1.15E-01
	ENDRN	Endrin	1	15	7	3.25E-03	1.24E-02	3.86E-03	2.24E-03	4.88E-03	4.88E-03
	ENDRNA	Endrin aldehyde	1	15	7	2.50E-04	2.27E-03	3.85E-04	0.00E+00	3.85E-04	3.85E-04
	ENDRNK	Endrin ketone	2	15	13	2.50E-04	7.48E-03	7.93E-04	1.69E-03	1.56E-03	1.56E-03
	ESFSO4	Endosulfan sulfate	3	15	20	2.50E-04	9.48E-04	3.52E-04	0.00E+00	3.52E-04	3.52E-04
	FAMPHR	Famophos	0	15	0	6.50E-01	6.50E-01	6.50E-01	0.00E+00	0.00E+00	6.50E-01
	FANT	Fluoranthene	6	15	40	1.60E-02	2.00E+02	1.36E+01	5.16E+01	3.70E+01	3.70E+01
	FE	Iron	15	15	100	5.23E+03	4.79E+04	1.39E+04	1.20E+04	1.94E+04	1.94E+04
	FLRENE	Fluorene	2	15	13	3.25E-02	4.00E+01	2.70E+00	1.03E+01	7.39E+00	7.39E+00
	GCLDAN	gamma-Chlordane	1	15	7	2.00E-03	1.39E-02	2.79E-03	2.93E-03	4.12E-03	4.12E-03
	HCBD	Hexachlorobutadiene	0	15	0	4.85E-01	4.85E-01	4.85E-01	0.00E+00	0.00E+00	4.85E-01
	HG	Mercury	5	15	33	2.50E-02	8.49E-01	9.03E-02	2.11E-01	1.86E-01	1.86E-01
	HMX	Cyclotetramethylenetetranitramine	0	15	0	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00
	HPCL	Heptachlor	2	15	13	1.10E-03	7.13E-03	1.61E-03	1.46E-03	2.27E-03	2.27E-03
	HPCLE	Heptachlor epoxide	1	15	7	6.50E-04	1.75E-03	7.23E-04	0.00E+00	7.23E-04	7.23E-04
	ICDPYR	Indeno[1,2,3-C,D]pyrene	1	15	7	1.20E+00	6.00E+01	5.12E+00	1.52E+01	1.20E+01	1.20E+01

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm (ug/g)
ESA-2 (cont.)	ISODR	Isodrin	0	15	0	1.50E-03	1.50E-03	1.50E-03	0.00E+00	0.00E+00	1.50E-03
	ISOPHR	Isophorone	0	15	0	1.95E-01	1.95E-01	1.95E-01	0.00E+00	0.00E+00	1.95E-01
	K	Potassium	15	15	100	6.56E+02	3.62E+03	1.94E+03	9.80E+02	2.38E+03	2.38E+03
	KEP	Kepone	0	15	0	6.50E-01	6.50E-01	6.50E-01	0.00E+00	0.00E+00	6.50E-01
	LIN	Lindane	0	15	0	5.00E-04	5.00E-04	5.00E-04	0.00E+00	0.00E+00	5.00E-04
	MEXCLR	Methoxychlor	0	15	0	1.80E-02	1.80E-02	1.80E-02	0.00E+00	0.00E+00	1.80E-02
	MG	Magnesium	15	15	100	2.18E+03	6.89E+03	4.60E+03	1.27E+03	5.17E+03	5.17E+03
	MIREX	Mirex	0	12	0	7.00E-02	7.00E-02	7.00E-02	0.00E+00	0.00E+00	7.00E-02
	MLTHN	Malathion	0	15	0	9.00E-02	9.00E-02	9.00E-02	0.00E+00	0.00E+00	9.00E-02
	MN	Manganese	15	15	100	7.95E+01	3.29E+02	2.04E+02	7.80E+01	2.40E+02	2.40E+02
	NA	Sodium	15	15	100	7.82E+01	9.12E+02	1.85E+02	2.07E+02	2.79E+02	2.79E+02
	NAP	Naphthalene	1	15	7	3.70E-01	2.00E+01	1.68E+00	5.07E+00	3.98E+00	3.98E+00
	NB	Nitrobenzene	0	15	0	5.70E-01	5.70E-01	5.70E-01	0.00E+00	0.00E+00	5.70E-01
	NI	Nickel	15	15	100	4.23E+00	3.57E+01	9.85E+00	7.69E+00	1.33E+01	1.33E+01
	NNDMEA	N-Nitrosodimethylamine	0	15	0	2.30E-01	2.30E-01	2.30E-01	0.00E+00	0.00E+00	2.30E-01
	NNDNPA	N-Nitrosodi-n-propylamine	0	15	0	5.50E-01	5.50E-01	5.50E-01	0.00E+00	0.00E+00	5.50E-01
	NNDPA	N-Nitrosodiphenylamine	0	15	0	1.45E-01	1.45E-01	1.45E-01	0.00E+00	0.00E+00	1.45E-01
	OCDD	Octachlorodibenzodioxin - nonspecific	9	15	60	9.05E-06	5.53E-03	1.12E-03	1.46E-03	1.79E-03	1.79E-03
	OCDF	Octachlorodibenzofuran - nonspecific	0	15	0	8.40E-06	7.10E-05	2.76E-05	0.00E+00	2.76E-05	7.10E-05
	OXAT	1,4-Oxathiane	0	15	0	3.75E-02	3.75E-02	3.75E-02	0.00E+00	0.00E+00	3.75E-02
	PB	Lead	12	15	80	3.72E+00	1.50E+03	1.97E+02	4.18E+02	3.87E+02	3.87E+02
	PCB016	PCB 1016	0	15	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB221	PCB 1221	0	15	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB232	PCB 1232	0	15	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB242	PCB 1242	0	15	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB248	PCB 1248	0	15	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB254	PCB 1254	0	15	0	2.40E-02	2.40E-02	2.40E-02	0.00E+00	0.00E+00	2.40E-02
	PCB260	PCB 1260	0	15	0	2.40E-02	2.40E-02	2.40E-02	0.00E+00	0.00E+00	2.40E-02
	PCB262	PCB 1262	0	12	0	3.15E+00	3.15E+00	3.15E+00	0.00E+00	0.00E+00	3.15E+00
	PCP	Pentachlorophenol	0	15	0	3.80E-01	3.80E-01	3.80E-01	0.00E+00	0.00E+00	3.80E-01
	PHANTR	Phenanthrene	6	15	40	1.60E-02	4.00E+02	2.70E+01	1.03E+02	7.39E+01	7.39E+01
	PHENOL	Phenol	0	15	0	2.60E-02	2.60E-02	2.60E-02	0.00E+00	0.00E+00	2.60E-02
	PPDDD	ppDDD	1	15	7	1.35E-03	7.34E-03	1.75E-03	1.46E-03	2.41E-03	2.41E-03
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethen	1	15	7	1.35E-03	2.91E-02	3.20E-03	6.92E-03	6.35E-03	6.35E-03
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroeth	2	15	13	1.75E-03	5.01E-02	5.61E-03	1.24E-02	1.12E-02	1.12E-02
	PRTHN	Parathion	0	15	0	8.50E-01	8.50E-01	8.50E-01	0.00E+00	0.00E+00	8.50E-01
	PYR	Benzo[def]phenanthrene	6	15	40	4.15E-02	4.00E+02	2.71E+01	1.03E+02	7.40E+01	7.40E+01
	RDX	RDX / Cyclonite	0	15	0	6.40E-01	6.40E-01	6.40E-01	0.00E+00	0.00E+00	6.40E-01
	SB	Antimony	6	15	40	5.00E-01	2.46E+01	4.21E+00	7.15E+00	7.46E+00	7.46E+00
	SE	Selenium	1	15	7	2.25E-01	7.33E-01	2.58E-01	1.31E-01	3.18E-01	3.18E-01
	SUPONA	Supona	0	15	0	4.60E-01	4.60E-01	4.60E-01	0.00E+00	0.00E+00	4.60E-01

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm (ug/g)
ESA-2 (cont.)	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	6	15	40	3.70E-06	2.47E-05	1.20E-05	0.00E+00	1.20E-05	1.20E-05
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	15	0	3.25E-06	9.45E-06	5.79E-06	0.00E+00	5.79E-06	9.45E-06
	TETRYL	Tetryl	0	15	0	1.06E+00	1.06E+00	1.06E+00	0.00E+00	0.00E+00	1.06E+00
	TL	Thallium	0	15	0	1.72E+01	1.72E+01	1.72E+01	0.00E+00	0.00E+00	1.72E+01
	TXPHEN	Toxaphene	0	15	0	1.13E-01	1.13E-01	1.13E-01	0.00E+00	0.00E+00	1.13E-01
	V	Vanadium	15	15	100	7.78E+00	2.23E+01	1.26E+01	4.48E+00	1.47E+01	1.47E+01
	ZN	Zinc	14	14	100	2.04E+01	8.43E+02	1.79E+02	2.62E+02	3.03E+02	3.03E+02
RSA	123TCB	1,2,3-Trichlorobenzene	0	16	0	1.60E-02	1.60E-02	1.60E-02	0.00E+00	0.00E+00	1.60E-02
	124TCB	1,2,4-Trichlorobenzene	0	16	0	1.10E-01	1.10E-01	1.10E-01	0.00E+00	0.00E+00	1.10E-01
	12DCLB	1,2-Dichlorobenzene	0	16	0	2.10E-02	2.10E-02	2.10E-02	0.00E+00	0.00E+00	2.10E-02
	12DPH	1,2-Diphenylhydrazine	0	16	0	2.60E-01	2.60E-01	2.60E-01	0.00E+00	0.00E+00	2.60E-01
	135TNB	1,3,5-Trinitrobenzene	0	16	0	4.61E-01	4.61E-01	4.61E-01	0.00E+00	0.00E+00	4.61E-01
	13DCLB	1,3-Dichlorobenzene	0	16	0	2.10E-02	2.10E-02	2.10E-02	0.00E+00	0.00E+00	2.10E-02
	13DNB	1,3-Dinitrobenzene	0	16	0	2.52E-01	2.52E-01	2.52E-01	0.00E+00	0.00E+00	2.52E-01
	14DCLB	1,4-Dichlorobenzene	0	16	0	1.70E-02	1.70E-02	1.70E-02	0.00E+00	0.00E+00	1.70E-02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	16	0	3.10E-06	7.75E-05	1.63E-05	0.00E+00	1.63E-05	7.75E-05
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	16	0	2.85E-06	3.99E-05	1.05E-05	0.00E+00	1.05E-05	3.99E-05
	236TCP	2,3,6-Trichlorophenol	0	16	0	3.10E-01	3.10E-01	3.10E-01	0.00E+00	0.00E+00	3.10E-01
	245TCP	2,4,5-Trichlorophenol	0	16	0	2.45E-01	2.45E-01	2.45E-01	0.00E+00	0.00E+00	2.45E-01
	246TCP	2,4,6-Trichlorophenol	0	16	0	3.05E-02	3.05E-02	3.05E-02	0.00E+00	0.00E+00	3.05E-02
	246TNT	2,4,6-Trinitrotoluene	0	16	0	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00
	24DCLP	2,4-Dichlorophenol	0	16	0	3.25E-02	3.25E-02	3.25E-02	0.00E+00	0.00E+00	3.25E-02
	24DMPN	2,4-Dimethylphenol	0	16	0	1.50E+00	1.50E+00	1.50E+00	0.00E+00	0.00E+00	1.50E+00
	24DNP	2,4-Dinitrophenol	0	16	0	2.35E+00	2.35E+00	2.35E+00	0.00E+00	0.00E+00	2.35E+00
	24DNT	2,4-Dinitrotoluene	0	16	0	1.25E+00	1.25E+00	1.25E+00	0.00E+00	0.00E+00	1.25E+00
	26DNA	2,6-Dinitroaniline	0	16	0	2.85E-01	2.85E-01	2.85E-01	0.00E+00	0.00E+00	2.85E-01
	26DNT	2,6-Dinitrotoluene	0	16	0	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00
	2CLP	2-Chlorophenol	0	16	0	2.75E-02	2.75E-02	2.75E-02	0.00E+00	0.00E+00	2.75E-02
	2CNAP	2-Chloronaphthalene	0	16	0	1.20E-01	1.20E-01	1.20E-01	0.00E+00	0.00E+00	1.20E-01
	2MNAP	2-Methylnaphthalene	1	16	6	1.60E-02	5.80E-02	1.86E-02	1.06E-02	2.33E-02	2.33E-02
	2MP	o-Cresol	0	16	0	4.90E-02	4.90E-02	4.90E-02	0.00E+00	0.00E+00	4.90E-02
	2NANIL	2-Nitroaniline	0	16	0	1.55E+00	1.55E+00	1.55E+00	0.00E+00	0.00E+00	1.55E+00
	2NP	2-Nitrophenol	0	16	0	5.50E-01	5.50E-01	5.50E-01	0.00E+00	0.00E+00	5.50E-01
	33DCBD	3,3'-Dichlorobenzidine	0	16	0	8.00E-01	8.00E-01	8.00E-01	0.00E+00	0.00E+00	8.00E-01
	35DNA	3,5-Dinitroaniline	0	16	0	8.00E-01	8.00E-01	8.00E-01	0.00E+00	0.00E+00	8.00E-01
	3NANIL	3-Nitroaniline	0	16	0	1.50E+00	1.50E+00	1.50E+00	0.00E+00	0.00E+00	1.50E+00
	3NT	3-Nitrotoluene	0	16	0	1.70E-01	1.70E-01	1.70E-01	0.00E+00	0.00E+00	1.70E-01
	46DN2C	4,6-Dinitro-2-cresol	0	16	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01
	4BRPPE	4-Bromophenyl phenyl ether	0	16	0	2.05E-02	2.05E-02	2.05E-02	0.00E+00	0.00E+00	2.05E-02
	4CANIL	4-Chloroaniline	0	16	0	3.15E-01	3.15E-01	3.15E-01	0.00E+00	0.00E+00	3.15E-01
	4CL3C	3-Methyl-4-chlorophenol	0	16	0	4.65E-01	4.65E-01	4.65E-01	0.00E+00	0.00E+00	4.65E-01

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm (ug/g)
RSA (cont.)	4CLPPE	4-Chlorophenyl phenyl ether	0	16	0	8.50E-02	8.50E-02	8.50E-02	0.00E+00	0.00E+00	8.50E-02
	4MP	p-Cresol	0	16	0	1.20E-01	1.20E-01	1.20E-01	0.00E+00	0.00E+00	1.20E-01
	4NANIL	4-Nitroaniline	0	16	0	1.55E+00	1.55E+00	1.55E+00	0.00E+00	0.00E+00	1.55E+00
	4NP	4-Nitrophenol	0	16	0	1.65E+00	1.65E+00	1.65E+00	0.00E+00	0.00E+00	1.65E+00
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxi	0	16	0	2.15E-06	1.40E-05	6.52E-06	0.00E+00	6.52E-06	1.40E-05
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	16	0	2.75E-06	5.55E-05	1.38E-05	0.00E+00	1.38E-05	5.55E-05
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	16	0	2.70E-06	2.40E-05	8.57E-06	0.00E+00	8.57E-06	2.40E-05
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	16	0	2.80E-06	6.75E-05	1.42E-05	0.00E+00	1.42E-05	6.75E-05
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	16	0	3.05E-06	6.25E-05	1.57E-05	0.00E+00	1.57E-05	6.25E-05
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	16	0	2.55E-06	2.23E-05	7.93E-06	0.00E+00	7.93E-06	2.23E-05
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	16	0	3.45E-06	9.00E-05	1.85E-05	0.00E+00	1.85E-05	9.00E-05
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	16	0	2.85E-06	2.40E-05	8.54E-06	0.00E+00	8.54E-06	2.40E-05
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	16	0	2.95E-06	7.80E-05	1.63E-05	0.00E+00	1.63E-05	7.80E-05
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	16	0	5.55E-06	2.56E-05	1.20E-05	0.00E+00	1.20E-05	2.56E-05
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	16	0	2.80E-06	4.18E-05	1.09E-05	0.00E+00	1.09E-05	4.18E-05
	ABHC	alpha-Hexachlorocyclohexane	0	16	0	1.40E-03	1.40E-03	1.40E-03	0.00E+00	0.00E+00	1.40E-03
	ACLDAN	alpha-Chlordane	0	16	0	2.00E-03	2.00E-03	2.00E-03	0.00E+00	0.00E+00	2.00E-03
	AENSLF	Endosulfan I	0	16	0	5.00E-04	5.00E-04	5.00E-04	0.00E+00	0.00E+00	5.00E-04
	AG	Silver	0	16	0	4.02E-01	4.02E-01	4.02E-01	0.00E+00	0.00E+00	4.02E-01
	AL	Aluminum	16	16	100	1.18E+03	1.73E+04	6.46E+03	5.87E+03	9.03E+03	9.03E+03
	ALDRN	Aldrin	6	16	38	7.00E-04	1.03E-02	2.58E-03	2.45E-03	3.66E-03	3.66E-03
	ANAPNE	Acenaphthene	0	16	0	2.05E-02	2.05E-02	2.05E-02	0.00E+00	0.00E+00	2.05E-02
	ANAPYL	Acenaphthylene	0	16	0	1.65E-02	1.65E-02	1.65E-02	0.00E+00	0.00E+00	1.65E-02
	ANIL	Aniline	0	16	0	6.50E-02	6.50E-02	6.50E-02	0.00E+00	0.00E+00	6.50E-02
	ANTRC	Anthracene	0	16	0	3.55E-01	3.55E-01	3.55E-01	0.00E+00	0.00E+00	3.55E-01
	AS	Arsenic	16	16	100	3.99E+00	1.51E+01	7.26E+00	2.84E+00	8.50E+00	8.50E+00
	ATZ	Atrazine	0	16	0	3.25E-02	3.25E-02	3.25E-02	0.00E+00	0.00E+00	3.25E-02
	B2CEXM	Bis(2-chloroethoxy) methane	0	16	0	9.50E-02	9.50E-02	9.50E-02	0.00E+00	0.00E+00	9.50E-02
	B2CIPE	Bis(2-chloroisopropyl) ether	0	16	0	2.20E-01	2.20E-01	2.20E-01	0.00E+00	0.00E+00	2.20E-01
	B2CLEE	Bis(2-chloroethyl) ether	0	16	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01
	B2EHP	Bis(2-ethylhexyl) phthalate	0	16	0	2.40E-01	2.40E-01	2.40E-01	0.00E+00	0.00E+00	2.40E-01
	BA	Barium	16	16	100	1.11E+01	1.34E+02	5.93E+01	4.96E+01	8.10E+01	8.10E+01
	BAANTR	Benzo[a]anthracene	0	16	0	2.05E-02	2.05E-02	2.05E-02	0.00E+00	0.00E+00	2.05E-02
	BAPYR	Benzo[a]pyrene	0	16	0	6.00E-01	6.00E-01	6.00E-01	0.00E+00	0.00E+00	6.00E-01
	BBFANT	Benzo[b]fluoranthene	0	16	0	1.55E-01	1.55E-01	1.55E-01	0.00E+00	0.00E+00	1.55E-01
	BBHC	beta-Hexachlorocyclohexane	0	16	0	3.85E-03	3.85E-03	3.85E-03	0.00E+00	0.00E+00	3.85E-03
	BBZP	Butylbenzyl phthalate	0	16	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01
	BE	Beryllium	11	16	69	2.14E-01	8.23E-01	5.25E-01	2.39E-01	6.30E-01	6.30E-01
	BENSLF	Endosulfan II	7	16	44	3.50E-04	5.81E-03	1.03E-03	1.15E-03	1.54E-03	1.54E-03
	BENZID	Benzidine	0	16	0	6.50E-02	6.50E-02	6.50E-02	0.00E+00	0.00E+00	6.50E-02
	BENZOA	Benzoic acid	0	16	0	1.55E+00	1.55E+00	1.55E+00	0.00E+00	0.00E+00	1.55E+00

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm (ug/g)
RSA (cont.)	BGHIPY	Benzo[ghi]perylene	1	16	6	9.00E-02	3.50E-01	1.06E-01	6.50E-02	1.35E-01	1.35E-01
	BKFANT	Benzo[k]fluoranthene	0	16	0	6.50E-02	6.50E-02	6.50E-02	0.00E+00	0.00E+00	6.50E-02
	BZALC	Benzyl alcohol	0	16	0	1.60E-02	1.60E-02	1.60E-02	0.00E+00	0.00E+00	1.60E-02
	CA	Calcium	16	16	100	1.28E+04	4.55E+04	2.77E+04	1.18E+04	3.29E+04	3.29E+04
	CD	Cadmium	0	16	0	6.00E-01	6.00E-01	6.00E-01	0.00E+00	0.00E+00	6.00E-01
	CHRY	Chrysene	0	16	0	1.60E-02	1.60E-02	1.60E-02	0.00E+00	0.00E+00	1.60E-02
	CL6BZ	Hexachlorobenzene	0	16	0	4.00E-02	4.00E-02	4.00E-02	0.00E+00	0.00E+00	4.00E-02
	CL6CP	Hexachlorocyclopentadiene	0	16	0	2.60E-01	2.60E-01	2.60E-01	0.00E+00	0.00E+00	2.60E-01
	CL6ET	Hexachloroethane	0	16	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01
	CLDAN	Chlordane	0	16	0	3.42E-02	3.42E-02	3.42E-02	0.00E+00	0.00E+00	3.42E-02
	CO	Cobalt	16	16	100	3.23E+00	7.74E+00	5.25E+00	1.37E+00	5.85E+00	5.85E+00
	CPMS	p-Chlorophenylmethyl sulfide	0	16	0	4.85E-02	4.85E-02	4.85E-02	0.00E+00	0.00E+00	4.85E-02
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	16	0	1.60E-01	1.60E-01	1.60E-01	0.00E+00	0.00E+00	1.60E-01
	CPMSO2	p-Chlorophenylmethyl sulfone	0	16	0	3.30E-02	3.30E-02	3.30E-02	0.00E+00	0.00E+00	3.30E-02
	CR	Chromium	16	16	100	2.09E+00	2.26E+01	9.05E+00	7.54E+00	1.24E+01	1.24E+01
	CU	Copper	16	16	100	3.59E+00	3.90E+01	1.38E+01	7.94E+00	1.73E+01	1.73E+01
	CYN	Cyanide	0	16	0	1.25E-01	1.25E-01	1.25E-01	0.00E+00	0.00E+00	1.25E-01
	DBAHA	Dibenz[ah]anthracene	0	16	0	1.55E-01	1.55E-01	1.55E-01	0.00E+00	0.00E+00	1.55E-01
	DBCP	Dibromochloropropane	0	16	0	3.55E-02	3.55E-02	3.55E-02	0.00E+00	0.00E+00	3.55E-02
	DBHC	delta-Hexachlorocyclohexane	0	16	0	4.25E-03	4.25E-03	4.25E-03	0.00E+00	0.00E+00	4.25E-03
	DBZFUR	Dibenzofuran	0	16	0	1.90E-01	1.90E-01	1.90E-01	0.00E+00	0.00E+00	1.90E-01
	DCPD	Dicyclopentadiene	0	16	0	2.85E-01	2.85E-01	2.85E-01	0.00E+00	0.00E+00	2.85E-01
	DDVP	Vapona	0	16	0	3.40E-02	3.40E-02	3.40E-02	0.00E+00	0.00E+00	3.40E-02
	DEP	Diethyl phthalate	3	16	19	1.20E-01	5.80E+00	5.91E-01	1.44E+00	1.22E+00	1.22E+00
	DITH	Dithiane	0	16	0	3.25E-02	3.25E-02	3.25E-02	0.00E+00	0.00E+00	3.25E-02
	DLDRN	Dieldrin	1	16	6	8.00E-04	3.80E-03	9.88E-04	8.17E-04	1.35E-03	1.35E-03
	DMP	Dimethyl phthalate	0	16	0	3.15E-02	3.15E-02	3.15E-02	0.00E+00	0.00E+00	3.15E-02
	DNBP	Di-n-butyl phthalate	1	16	6	6.50E-01	1.60E+00	7.09E-01	2.38E-01	8.13E-01	8.13E-01
	DNOP	Di-n-octyl phthalate	0	16	0	1.15E-01	1.15E-01	1.15E-01	0.00E+00	0.00E+00	1.15E-01
	ENDRN	Endrin	0	16	0	3.25E-03	3.25E-03	3.25E-03	0.00E+00	0.00E+00	3.25E-03
	ENDRNA	Endrin aldehyde	1	16	6	2.50E-04	1.93E-03	3.55E-04	0.00E+00	3.55E-04	3.55E-04
	ENDRNK	Endrin ketone	1	16	6	2.50E-04	8.11E-04	2.85E-04	0.00E+00	2.85E-04	2.85E-04
	ESFSO4	Endosulfan sulfate	4	16	25	2.50E-04	1.43E-03	4.60E-04	0.00E+00	4.60E-04	4.60E-04
	FAMPHR	Famophos	0	16	0	6.50E-01	6.50E-01	6.50E-01	0.00E+00	0.00E+00	6.50E-01
	FANT	Fluoranthene	1	16	6	1.60E-02	5.70E-02	1.86E-02	1.04E-02	2.31E-02	2.31E-02
	FE	Iron	16	16	100	2.15E+03	1.74E+04	7.86E+03	6.37E+03	1.07E+04	1.07E+04
	FLRENE	Fluorene	0	16	0	3.25E-02	3.25E-02	3.25E-02	0.00E+00	0.00E+00	3.25E-02
	GCLDAN	gamma-Chlordane	0	16	0	2.00E-03	2.00E-03	2.00E-03	0.00E+00	0.00E+00	2.00E-03
	HCBD	Hexachlorobutadiene	0	16	0	4.85E-01	4.85E-01	4.85E-01	0.00E+00	0.00E+00	4.85E-01
	HG	Mercury	2	16	13	2.50E-02	6.97E-02	3.01E-02	1.42E-02	3.63E-02	3.63E-02
	HMX	Cyclotetramethylenetetranitramine	0	16	0	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm (ug/g)
RSA (cont.)	HPCL	Heptachlor	0	16	0	1.10E-03	1.10E-03	1.10E-03	0.00E+00	0.00E+00	1.10E-03
	HPCLE	Heptachlor epoxide	0	16	0	6.50E-04	6.50E-04	6.50E-04	0.00E+00	0.00E+00	6.50E-04
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	16	0	1.20E+00	1.20E+00	1.20E+00	0.00E+00	0.00E+00	1.20E+00
	ISODR	Isodrin	0	16	0	1.50E-03	1.50E-03	1.50E-03	0.00E+00	0.00E+00	1.50E-03
	ISOPHR	Isophorone	0	16	0	1.95E-01	1.95E-01	1.95E-01	0.00E+00	0.00E+00	1.95E-01
	K	Potassium	16	16	100	3.02E+02	6.09E+03	2.14E+03	2.16E+03	3.09E+03	3.09E+03
	KEP	Kepone	0	16	0	6.50E-01	6.50E-01	6.50E-01	0.00E+00	0.00E+00	6.50E-01
	LIN	Lindane	0	16	0	5.00E-04	5.00E-04	5.00E-04	0.00E+00	0.00E+00	5.00E-04
	MEXCLR	Methoxychlor	0	16	0	1.80E-02	1.80E-02	1.80E-02	0.00E+00	0.00E+00	1.80E-02
	MG	Magnesium	16	16	100	1.03E+03	9.96E+03	4.16E+03	3.18E+03	5.55E+03	5.55E+03
	MIREX	Mirex	0	16	0	7.00E-02	7.00E-02	7.00E-02	0.00E+00	0.00E+00	7.00E-02
	MLTHN	Malathion	0	16	0	9.00E-02	9.00E-02	9.00E-02	0.00E+00	0.00E+00	9.00E-02
	MN	Manganese	16	16	100	3.80E+01	4.99E+02	1.73E+02	1.56E+02	2.41E+02	2.41E+02
	NA	Sodium	16	16	100	7.43E+01	5.94E+02	2.24E+02	1.41E+02	2.86E+02	2.86E+02
	NAP	Naphthalene	0	16	0	3.70E-01	3.70E-01	3.70E-01	0.00E+00	0.00E+00	3.70E-01
	NB	Nitrobenzene	0	16	0	5.70E-01	5.70E-01	5.70E-01	0.00E+00	0.00E+00	5.70E-01
	NI	Nickel	16	16	100	2.85E+00	1.48E+01	7.92E+00	4.84E+00	1.00E+01	1.00E+01
	NNDMEA	N-Nitrosodimethylamine	0	16	0	2.30E-01	2.30E-01	2.30E-01	0.00E+00	0.00E+00	2.30E-01
	NNDNPA	N-Nitrosodi-n-propylamine	0	16	0	5.50E-01	5.50E-01	5.50E-01	0.00E+00	0.00E+00	5.50E-01
	NNDPA	N-Nitrosodiphenylamine	0	16	0	1.45E-01	1.45E-01	1.45E-01	0.00E+00	0.00E+00	1.45E-01
	OCDD	Octachlorodibenzodioxin - nonspecific	1	16	6	4.70E-06	1.26E-03	1.66E-04	0.00E+00	1.66E-04	1.66E-04
	OCDF	Octachlorodibenzofuran - nonspecific	0	16	0	6.00E-06	1.78E-04	4.22E-05	0.00E+00	4.22E-05	1.78E-04
	OXAT	1,4-Oxathiane	0	16	0	3.75E-02	3.75E-02	3.75E-02	0.00E+00	0.00E+00	3.75E-02
	PB	Lead	15	16	94	3.72E+00	7.33E+01	1.96E+01	1.52E+01	2.63E+01	2.63E+01
	PCB016	PCB 1016	0	16	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB221	PCB 1221	0	16	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB232	PCB 1232	0	16	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB242	PCB 1242	0	16	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB248	PCB 1248	0	16	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB254	PCB 1254	0	16	0	2.40E-02	2.40E-02	2.40E-02	0.00E+00	0.00E+00	2.40E-02
	PCB260	PCB 1260	0	16	0	2.40E-02	2.40E-02	2.40E-02	0.00E+00	0.00E+00	2.40E-02
	PCB262	PCB 1262	0	16	0	3.15E+00	3.15E+00	3.15E+00	0.00E+00	0.00E+00	3.15E+00
	PCP	Pentachlorophenol	0	16	0	3.80E-01	3.80E-01	3.80E-01	0.00E+00	0.00E+00	3.80E-01
	PHANTR	Phenanthrene	1	16	6	1.60E-02	1.20E-01	2.25E-02	2.60E-02	3.39E-02	3.39E-02
	PHENOL	Phenol	0	16	0	2.60E-02	2.60E-02	2.60E-02	0.00E+00	0.00E+00	2.60E-02
	PPDDD	ppDDD	0	16	0	1.35E-03	1.35E-03	1.35E-03	0.00E+00	0.00E+00	1.35E-03
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethen	0	16	0	1.35E-03	1.35E-03	1.35E-03	0.00E+00	0.00E+00	1.35E-03
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroeth	2	16	13	1.75E-03	6.67E-03	2.36E-03	1.63E-03	3.08E-03	3.08E-03
	PRTHN	Parathion	0	16	0	8.50E-01	8.50E-01	8.50E-01	0.00E+00	0.00E+00	8.50E-01
	PYR	Pyrene	2	16	13	4.15E-02	2.30E-01	6.32E-02	5.95E-02	8.93E-02	8.93E-02
	RDX	RDX / Cyclonite	0	16	0	6.40E-01	6.40E-01	6.40E-01	0.00E+00	0.00E+00	6.40E-01

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm (ug/g)
RSA (cont.)	SB	Antimony	0	16	0	5.00E-01	5.00E-01	5.00E-01	0.00E+00	0.00E+00	5.00E-01
	SE	Selenium	0	16	0	2.25E-01	2.25E-01	2.25E-01	0.00E+00	0.00E+00	2.25E-01
	SUPONA	Supona	0	16	0	4.60E-01	4.60E-01	4.60E-01	0.00E+00	0.00E+00	4.60E-01
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	16	0	4.05E-06	2.53E-05	1.14E-05	0.00E+00	1.14E-05	2.53E-05
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	16	0	1.00E-07	2.23E-05	8.85E-06	0.00E+00	8.85E-06	2.23E-05
	TETRYL	Tetryl	0	16	0	1.06E+00	1.06E+00	1.06E+00	0.00E+00	0.00E+00	1.06E+00
	TL	Thallium	0	16	0	1.72E+01	1.72E+01	1.72E+01	0.00E+00	0.00E+00	1.72E+01
	TXPHEN	Toxaphene	0	16	0	1.13E-01	1.13E-01	1.13E-01	0.00E+00	0.00E+00	1.13E-01
	V	Vanadium	16	16	100	2.32E+00	2.43E+01	9.84E+00	8.21E+00	1.34E+01	1.34E+01
	ZN	Zinc	16	16	100	8.32E+00	1.27E+02	3.36E+01	3.29E+01	4.80E+01	4.80E+01

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis

SWMU Number	Test Number	Analyte	Passerines	American Kestrel	Great Horned Ow	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	ackrabbi	Kit Fox	Plants	Soil Fauna
ESA-1	123TCB	1,2,3-Trichlorobenzene	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	7.08E-03	1.45E-04	1.56E-03	1.49E-04	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	7.08E-03	1.45E-04	1.56E-03	1.49E-04	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	7.08E-03	1.45E-04	1.56E-03	1.49E-04	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1.97E+00	1.93E-02	5.10E-04	1.02E-03	1.02E-03	4.87E-01	1.33E-02	1.43E-01	1.36E-02	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1.61E+00	1.57E-02	4.15E-04	8.34E-04	8.34E-04	3.97E-01	1.09E-02	1.17E-01	1.11E-02	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	1.45E-03	1.56E-02	9.29E-04	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	4.33E-01	7.10E-03	7.64E-02	4.36E-03	2.93E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	5.38E-04	5.79E-03	3.38E-04	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	1.86E-03	5.04E-05	5.43E-04	5.24E-05	9.31E-03	1.35E-03
	2MP	o-Cresol	ND	ND	ND	ND	ND	1.11E-03	3.02E-05	3.26E-04	3.10E-05	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol	ND	ND	ND	ND	ND	2.21E-03	6.05E-05	6.51E-04	6.19E-05	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5.45E-02	5.31E-04	1.41E-05	2.81E-05	2.81E-05	1.34E-02	3.66E-04	3.94E-03	3.75E-04	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.22E-01	1.19E-03	3.15E-05	6.28E-05	6.28E-05	3.00E-02	8.20E-04	8.83E-03	8.39E-04	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	6.04E-01	5.90E-03	1.56E-04	3.11E-04	3.11E-04	1.49E-01	4.07E-03	4.37E-02	4.16E-03	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.72E-02	1.68E-04	4.45E-06	8.87E-06	8.87E-06	4.24E-03	1.16E-04	1.25E-03	1.18E-04	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.34E-02	1.31E-04	3.46E-06	6.89E-06	6.89E-06	3.30E-03	9.00E-05	9.69E-04	9.21E-05	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	5.83E-03	5.69E-05	1.51E-06	3.00E-06	3.00E-06	1.44E-03	3.92E-05	4.22E-04	4.01E-05	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	2.09E-02	2.04E-04	5.41E-06	1.08E-05	1.08E-05	5.16E-03	1.41E-04	1.52E-03	1.44E-04	ND	ND

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU Number	Test Number	Analyte	Passerines	American Kestrel	Great Horned Ow	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	ackrabbi	Kit Fox	Plants	Soil Fauna
ESA-1 (cont.)	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	6.64E-01	6.48E-03	1.71E-04	3.42E-04	3.42E-04	1.64E-01	4.46E-03	4.80E-02	4.57E-03	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2.05E-02	2.00E-04	5.28E-06	1.05E-05	1.05E-05	5.04E-03	1.38E-04	1.48E-03	1.41E-04	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.20E+00	1.17E-02	3.10E-04	6.23E-04	6.23E-04	2.97E-01	8.11E-03	8.73E-02	8.30E-03	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.59E-01	1.56E-03	4.12E-05	8.27E-05	8.27E-05	3.94E-02	1.08E-03	1.16E-02	1.10E-03	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-03	8.17E-05	2.16E-06	4.33E-06	4.33E-06	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane	2.36E-03	2.30E-05	6.10E-07	1.22E-06	1.22E-06	1.71E-03	2.80E-05	3.02E-04	2.87E-05	ND	ND
	AENSLF	Endosulfan I	1.20E-02	1.17E-04	3.09E-06	6.18E-06	6.18E-06	ND	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	2.26E-04	5.98E-06	1.19E-05	1.19E-05	2.61E-04	3.43E-06	4.61E-05	4.39E-06	2.01E-01	ND
	AL	Aluminum	ND	ND	ND	ND	ND	4.89E+00	1.00E-01	8.63E-01	1.03E-01	1.26E+01	3.29E+00
	ALDRN	Aldrin	1.00E-02	9.80E-05	2.00E-06	5.19E-06	5.19E-06	6.20E-03	1.02E-04	1.09E-03	5.20E-05	ND	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	7.98E-03	2.17E-04	2.33E-03	2.25E-04	4.00E-02	5.78E-03
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	7.98E-03	2.17E-04	2.33E-03	2.25E-04	4.00E-02	5.78E-03
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene	ND	ND	ND	ND	ND	1.60E-01	4.33E-03	4.66E-02	4.50E-03	8.00E-01	1.16E-01
	AS	Arsenic	1.25E+00	1.22E-02	3.23E-04	6.46E-04	6.46E-04	1.70E-01	4.66E-03	5.01E-02	4.77E-03	2.44E+00	4.06E-01
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	6.90E-01	6.73E-03	1.78E-04	3.57E-04	3.57E-04	2.60E-03	7.12E-05	7.66E-04	7.28E-05	1.00E-01	ND
	BA	Barium	2.20E+00	2.14E-02	5.67E-04	1.13E-03	1.13E-03	6.64E-01	1.82E-02	1.96E-01	1.85E-02	5.94E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	2.05E-03	5.57E-05	5.99E-04	5.79E-05	5.14E-03	1.49E-03
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	2.39E-01	6.50E-03	7.00E-02	6.75E-03	6.00E-01	1.73E-01
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	7.98E-02	2.17E-03	2.33E-02	2.25E-03	4.00E-01	5.78E-02
	BBHC	beta-Hexachlorocyclohexane	2.30E-02	2.25E-04	5.95E-06	1.19E-05	1.19E-05	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	3.11E+00	3.03E-02	8.02E-04	1.60E-03	1.60E-03	1.17E-02	3.20E-04	3.45E-03	3.28E-04	4.50E-01	ND
	BE	Beryllium	4.41E-03	4.30E-05	1.14E-06	2.28E-06	2.28E-06	3.72E-04	1.02E-05	1.09E-04	1.04E-05	5.96E-02	ND
	BENSLF	Endosulfan II	3.96E-03	3.86E-05	1.02E-06	2.04E-06	2.04E-06	ND	ND	ND	ND	ND	ND
	BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	3.59E-02	9.75E-04	1.05E-02	1.01E-03	1.80E-01	2.60E-02
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	6.12E-03	1.66E-04	1.79E-03	1.73E-04	3.07E-02	4.43E-03
	BZALC	Benzyl alcohol	7.18E-01	7.00E-03	1.85E-04	3.71E-04	3.71E-04	4.26E-03	6.98E-05	3.00E-04	7.14E-05	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	5.76E+00	5.62E-02	1.49E-03	2.76E-03	2.76E-03	5.56E-02	1.51E-03	1.63E-02	1.55E-03	1.74E+00	2.61E-01
	CHRY	Chrysene	ND	ND	ND	ND	ND	2.16E-03	5.86E-05	6.31E-04	6.09E-05	1.08E-02	1.56E-03
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	2.97E-02	2.90E-04	7.68E-06	1.54E-05	1.54E-05	2.15E-02	3.53E-04	3.80E-03	3.61E-04	ND	ND
	CO	Cobalt	5.56E-03	5.42E-05	1.44E-06	2.87E-06	2.87E-06	7.20E-01	1.89E-02	2.03E-01	2.42E-02	3.25E-01	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	1.75E+01	1.71E-01	4.52E-03	9.04E-03	9.04E-03	7.02E-02	1.15E-03	1.24E-02	9.42E-04	4.23E-01	7.93E+01

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU Number	Test Number	Analyte	Passerines	American Kestrel	Great Horned Ow	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	ackrabbi	Kit Fox	Plants	Soil Fauna
ESA-1 (cont.)	CU	Copper	1.14E+00	1.11E-02	2.93E-04	5.87E-04	5.87E-04	4.94E-01	8.09E-03	8.71E-02	6.63E-03	8.75E-01	1.04E+00
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	7.98E-02	2.17E-03	2.33E-02	2.25E-03	4.00E-01	5.78E-02
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-02	2.48E-04	6.57E-06	1.31E-05	1.31E-05	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	3.45E-01	3.37E-03	8.91E-05	1.78E-04	1.78E-04	1.30E-03	3.56E-05	3.83E-04	3.64E-05	5.00E-02	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	7.72E-02	7.54E-04	1.53E-05	3.99E-05	3.99E-05	4.76E-02	7.81E-04	8.41E-03	4.00E-04	ND	1.08E-03
	DMP	Dimethyl phthalate	1.04E-01	1.01E-03	2.67E-05	5.35E-05	5.35E-05	3.91E-04	1.07E-05	1.15E-04	1.09E-05	1.50E-02	ND
	DNBP	Di-n-butyl phthalate	2.07E+00	2.02E-02	5.35E-04	1.07E-03	1.07E-03	7.81E-03	2.14E-04	2.30E-03	2.18E-04	1.50E-01	ND
	DNOP	Di-n-octyl phthalate	3.45E-01	3.37E-03	8.91E-05	1.78E-04	1.78E-04	1.30E-03	3.56E-05	3.83E-04	3.64E-05	2.50E-02	ND
	ENDRN	Endrin	2.29E+00	2.23E-02	5.91E-04	1.13E-03	1.13E-03	8.23E-04	1.35E-05	1.45E-04	1.38E-05	ND	ND
	ENDRNA	Endrin aldehyde	1.54E-01	1.50E-03	3.98E-05	7.59E-05	7.59E-05	5.54E-05	9.08E-07	9.77E-06	9.29E-07	ND	ND
	ENDRNK	Endrin ketone	1.71E-01	1.67E-03	4.41E-05	8.43E-05	8.43E-05	6.15E-05	1.01E-06	1.09E-05	1.03E-06	ND	ND
	ESFSO4	Endosulfan sulfate	5.98E-03	5.84E-05	1.55E-06	3.09E-06	3.09E-06	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	1.97E-03	5.35E-05	5.75E-04	5.55E-05	9.87E-03	1.43E-03
	FE	Iron	2.02E+01	1.97E-01	5.22E-03	1.04E-02	1.04E-02	1.49E+01	4.07E-01	4.38E+00	4.16E-01	ND	1.10E+01
	FLRENE	Fluorene	ND	ND	ND	ND	ND	1.20E-02	3.25E-04	3.50E-03	3.38E-04	6.00E-02	8.67E-03
	GCLDAN	gamma-Chlordane	4.48E-02	5.62E-04	1.49E-05	2.98E-05	2.98E-05	2.07E-03	3.40E-05	3.66E-04	3.48E-05	ND	ND
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	2.91E-02	2.83E-04	7.51E-06	1.50E-05	1.50E-05	2.72E-03	5.65E-05	6.08E-04	5.78E-05	3.37E-01	1.01E-01
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	1.21E-04	1.30E-03	1.24E-04	ND	ND
	HPCL	Heptachlor	2.63E-02	2.57E-04	6.80E-06	1.36E-05	1.36E-05	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	1.55E-02	1.52E-04	4.02E-06	8.03E-06	8.03E-06	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	4.02E-01	1.09E-02	1.17E-01	1.12E-02	2.00E+00	2.89E-01
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-02	1.17E-04	3.09E-06	6.18E-06	6.18E-06	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.46E-03	6.30E-05	1.67E-06	3.34E-06	3.34E-06	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	4.34E-01	4.24E-03	1.12E-04	2.24E-04	2.24E-04	9.89E-02	2.70E-03	2.91E-02	2.76E-03	4.96E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	1.60E-01	4.33E-03	4.66E-02	4.50E-03	8.00E-01	1.16E-01
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	2.76E-04	2.97E-03	2.82E-04	ND	1.43E-02
	NI	Nickel	4.12E-01	4.02E-03	1.07E-04	2.13E-04	2.13E-04	1.41E-02	3.84E-04	4.13E-03	3.93E-04	6.69E-02	8.36E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU Number	Test Number	Analyte	Passerines	American Kestrel	Great Horned Ow	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	ackrabbi	Kit Fox	Plants	Soil Fauna
ESA-1 (cont.)	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	9.96E-05	2.72E-06	2.93E-05	2.79E-06	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	1.39E-01	1.35E-03	3.59E-05	7.15E-05	7.15E-05	3.42E-02	9.34E-04	1.01E-02	9.56E-04	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	4.10E-02	4.00E-04	1.06E-05	2.11E-05	2.11E-05	1.01E-02	2.76E-04	2.97E-03	2.82E-04	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	2.29E+01	4.46E-02	5.91E-03	9.46E-03	9.46E-03	3.08E+00	8.38E-02	9.02E-01	8.58E-02	9.35E-01	7.62E-01
	PCB016	PCB 1016	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03
	PCB221	PCB 1221	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03
	PCB232	PCB 1232	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03
	PCB242	PCB 1242	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03
	PCB248	PCB 1248	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03
	PCB254	PCB 1254	8.61E-01	8.40E-03	2.22E-04	4.45E-04	4.45E-04	1.52E-02	3.17E-04	3.41E-03	2.97E-04	6.00E-03	1.00E-03
	PCB260	PCB 1260	8.61E-01	8.40E-03	2.22E-04	4.45E-04	4.45E-04	1.52E-02	3.17E-04	3.41E-03	2.97E-04	6.00E-03	1.00E-03
	PCB262	PCB 1262	5.38E+02	5.25E+00	1.39E-01	2.78E-01	2.78E-01	9.49E+00	1.98E-01	2.13E+00	1.86E-01	3.75E+00	6.25E-01
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	2.23E-03	6.06E-05	6.53E-04	6.30E-05	1.12E-02	1.62E-03
	PHENOL	Phenol	ND	ND	ND	ND	ND	6.64E-04	1.81E-05	1.95E-04	1.86E-05	ND	5.00E-02
	PPDDD	ppDDD	2.24E-01	2.19E-03	5.80E-05	5.80E-05	2.32E-05	1.30E-04	2.67E-06	2.87E-05	2.73E-06	ND	1.56E-04
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	6.44E-02	6.29E-04	1.66E-05	1.66E-05	6.66E-06	3.73E-05	7.67E-07	8.25E-06	7.84E-07	ND	4.49E-05
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2.12E-01	2.07E-03	5.47E-05	5.47E-05	2.19E-05	1.23E-04	2.52E-06	2.71E-05	2.58E-06	ND	1.48E-04
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo[def]phenanthrene	ND	ND	ND	ND	ND	4.54E-03	1.23E-04	1.33E-03	1.28E-04	2.28E-02	3.29E-03
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	2.32E-03	2.50E-02	2.38E-03	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	5.75E+00	1.57E-01	1.69E+00	1.61E-01	2.60E+01	ND
	SE	Selenium	4.14E-01	4.04E-03	1.07E-04	1.98E-04	1.98E-04	6.63E-02	1.36E-03	1.46E-02	1.39E-03	3.75E-01	5.35E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.27E+00	1.24E-02	3.29E-04	6.57E-04	6.57E-04	3.14E-01	8.57E-03	9.23E-02	8.77E-03	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.95E-01	2.87E-03	7.61E-05	1.52E-04	1.52E-04	9.67E-02	1.98E-03	2.13E-02	2.03E-03	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	4.80E-01	1.27E-02	3.18E-02	3.18E-02	5.06E+00	1.24E-01	1.34E+00	1.27E-01	1.72E+01	ND
	TXPHEN	Toxaphene	4.13E+00	4.03E-02	1.07E-03	2.13E-03	2.13E-03	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	2.81E-01	3.64E-03	4.95E-02	4.62E-03	8.40E+00	ND
	ZN	Zinc	5.05E+00	4.92E-02	1.30E-03	2.61E-03	2.61E-03	2.47E-01	3.24E-03	4.36E-02	4.15E-03	3.80E+00	9.49E-01
ESA-2	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	6.79E-06	4.12E-05	6.95E-06	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	6.79E-06	4.12E-05	6.95E-06	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.20E-04	5.50E-06	3.34E-05	5.63E-06	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1.56E-01	3.39E-03	8.97E-05	1.79E-04	1.79E-04	3.84E-02	2.34E-03	1.42E-02	2.39E-03	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	5.54E-01	1.20E-02	3.19E-04	6.40E-04	6.40E-04	1.37E-01	8.33E-03	5.05E-02	8.52E-03	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU Number	Test Number	Analyte	Passerines	American Kestrel	Great Horned Ow	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	ackrabbi	Kit Fox	Plants	Soil Fauna
ESA-2 (cont.)	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	3.23E-03	1.96E-02	2.07E-03	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.84E-01	6.74E-03	4.09E-02	4.14E-03	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	1.20E-03	7.27E-03	7.52E-04	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	7.59E-03	4.59E-04	2.79E-03	4.77E-04	3.80E-02	5.50E-03
	2MP	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	1.32E-06	8.01E-06	1.35E-06	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol	ND	ND	ND	ND	ND	5.31E-05	3.23E-06	1.96E-05	3.31E-06	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.08E-01	2.34E-03	6.21E-05	1.24E-04	1.24E-04	2.66E-02	1.62E-03	9.81E-03	1.65E-03	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.17E-02	2.54E-04	6.73E-06	1.34E-05	1.34E-05	2.88E-03	1.75E-04	1.06E-03	1.79E-04	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.35E-01	2.93E-03	7.76E-05	1.55E-04	1.55E-04	3.32E-02	2.02E-03	1.23E-02	2.07E-03	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.38E-03	3.00E-05	7.95E-07	1.59E-06	1.59E-06	3.40E-04	2.07E-05	1.26E-04	2.12E-05	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2.08E-03	4.52E-05	1.20E-06	2.38E-06	2.38E-06	5.12E-04	3.11E-05	1.89E-04	3.19E-05	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.57E-03	3.40E-05	9.01E-07	1.80E-06	1.80E-06	3.86E-04	2.35E-05	1.42E-04	2.40E-05	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	1.67E-03	3.62E-05	9.59E-07	1.91E-06	1.91E-06	4.11E-04	2.50E-05	1.52E-04	2.56E-05	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.59E-01	3.46E-03	9.16E-05	1.83E-04	1.83E-04	3.92E-02	2.38E-03	1.45E-02	2.44E-03	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1.60E-03	3.47E-05	9.19E-07	1.83E-06	1.83E-06	3.93E-04	2.39E-05	1.45E-04	2.45E-05	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.17E+00	2.55E-02	6.76E-04	1.36E-03	1.36E-03	2.90E-01	1.77E-02	1.07E-01	1.81E-02	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	5.54E-02	1.20E-03	3.19E-05	6.40E-05	6.40E-05	1.37E-02	8.33E-04	5.05E-03	8.52E-04	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-04	1.82E-05	4.82E-07	9.64E-07	9.64E-07	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane	2.00E-04	4.35E-06	1.15E-07	2.31E-07	2.31E-07	1.45E-04	5.30E-06	3.22E-05	5.43E-06	ND	ND
	AENSLF	Endosulfan I	2.59E-03	5.64E-05	1.49E-06	2.99E-06	2.99E-06	ND	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	5.03E-04	1.33E-05	2.65E-05	2.65E-05	2.61E-04	7.64E-06	5.79E-05	9.77E-06	2.01E-01	ND
	AL	Aluminum	ND	ND	ND	ND	ND	4.26E+00	1.94E-01	9.43E-01	1.99E-01	1.10E+01	2.86E+00
	ALDRN	Aldrin	1.49E-03	3.23E-05	6.57E-07	1.71E-06	1.71E-06	9.16E-04	3.35E-05	2.03E-04	1.71E-05	ND	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	8.84E-02	5.35E-03	3.24E-02	5.55E-03	4.43E-01	6.40E-02
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	7.96E-06	4.83E-05	8.27E-06	6.60E-04	9.54E-05
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU Number	Test Number	Analyte	Passerines	American Kestrel	Great Horned Ow	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	ackrabbi	Kit Fox	Plants	Soil Fauna
ESA-2 (cont.)	ANTRC	Anthracene	ND	ND	ND	ND	ND	1.05E-01	6.36E-03	3.86E-02	6.61E-03	5.27E-01	7.62E-02
	AS	Arsenic	9.06E-01	1.97E-02	5.21E-04	1.04E-03	1.04E-03	1.23E-01	7.52E-03	4.56E-02	7.69E-03	1.77E+00	2.95E-01
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	3.60E-04	9.53E-06	1.91E-05	1.91E-05	6.25E-05	3.80E-06	2.31E-05	3.89E-06	2.40E-03	ND
	BA	Barium	1.24E+00	2.70E-02	7.14E-04	1.43E-03	1.43E-03	3.75E-01	2.29E-02	1.39E-01	2.33E-02	3.35E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.48E-01	8.97E-03	5.45E-02	9.32E-03	3.72E-01	1.07E-01
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	1.51E-01	9.12E-03	5.54E-02	9.48E-03	3.78E-01	1.09E-01
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	1.50E-01	9.07E-03	5.51E-02	9.42E-03	7.52E-01	1.09E-01
	BBHC	beta-Hexachlorocyclohexane	2.30E-03	5.00E-05	1.32E-06	2.65E-06	2.65E-06	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	6.21E-02	1.35E-03	3.57E-05	7.15E-05	7.15E-05	2.34E-04	1.43E-05	8.66E-05	1.46E-05	9.00E-03	ND
	BE	Beryllium	2.72E-03	5.91E-05	1.57E-06	3.13E-06	3.13E-06	2.30E-04	1.40E-05	8.49E-05	1.43E-05	3.68E-02	ND
	BENSLF	Endosulfan II	3.95E-03	8.59E-05	2.28E-06	4.55E-06	4.55E-06	ND	ND	ND	ND	ND	ND
	BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	8.93E-02	5.40E-03	3.28E-02	5.61E-03	4.48E-01	6.47E-02
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.48E-01	8.95E-03	5.43E-02	9.30E-03	7.42E-01	1.07E-01
	BZALC	Benzyl alcohol	1.15E-02	2.50E-04	6.61E-06	1.32E-05	1.32E-05	6.81E-05	2.49E-06	6.04E-06	2.55E-06	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	5.75E+00	1.25E-01	3.31E-03	6.15E-03	6.15E-03	5.56E-02	3.37E-03	2.05E-02	3.45E-03	1.74E+00	2.61E-01
	CHRY	Chrysene	ND	ND	ND	ND	ND	2.95E-01	1.79E-02	1.09E-01	1.86E-02	1.48E+00	2.14E-01
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	3.80E-03	8.26E-05	2.19E-06	4.37E-06	4.37E-06	2.75E-03	1.01E-04	6.10E-04	1.03E-04	ND	ND
	CO	Cobalt	4.40E-03	9.55E-05	2.53E-06	5.06E-06	5.06E-06	5.69E-01	3.33E-02	2.02E-01	4.26E-02	2.57E-01	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	1.13E+01	2.45E-01	6.49E-03	1.30E-02	1.30E-02	4.52E-02	1.65E-03	1.00E-02	1.35E-03	2.72E-01	5.11E+01
	CU	Copper	9.71E+00	2.11E-01	5.59E-03	1.12E-02	1.12E-02	4.22E+00	1.54E-01	9.35E-01	1.26E-01	7.48E+00	8.93E+00
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	4.51E-02	2.73E-03	1.65E-02	2.83E-03	2.26E-01	3.27E-02
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-03	5.52E-05	1.46E-06	2.93E-06	2.93E-06	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	8.28E-03	1.80E-04	4.77E-06	9.53E-06	9.53E-06	3.12E-05	1.90E-06	1.15E-05	1.95E-06	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	8.93E-03	1.94E-04	3.95E-06	1.03E-05	1.03E-05	5.51E-03	2.01E-04	1.22E-03	1.03E-04	ND	1.24E-04
	DMP	Dimethyl phthalate	2.17E-03	4.72E-05	1.25E-06	2.50E-06	2.50E-06	8.20E-06	4.99E-07	3.03E-06	5.11E-07	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	4.49E-02	9.75E-04	2.58E-05	5.16E-05	5.16E-05	1.69E-04	1.03E-05	6.25E-05	1.05E-05	3.25E-03	ND

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU Number	Test Number	Analyte	Passerines	American Kestrel	Great Horned Ow	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	ackrabbi	Kit Fox	Plants	Soil Fauna
ESA-2 (cont.)	DNOP	Di-n-octyl phthalate	7.94E-03	1.72E-04	4.57E-06	9.13E-06	9.13E-06	2.99E-05	1.82E-06	1.11E-05	1.87E-06	5.75E-04	ND
	ENDRN	Endrin	3.33E-01	7.24E-03	1.92E-04	3.66E-04	3.66E-04	1.20E-04	4.38E-06	2.66E-05	4.48E-06	ND	ND
	ENDRNA	Endrin aldehyde	2.63E-02	5.71E-04	1.51E-05	2.89E-05	2.89E-05	9.46E-06	3.46E-07	2.10E-06	3.54E-07	ND	ND
	ENDRNK	Endrin ketone	1.07E-01	2.32E-03	6.14E-05	1.17E-04	1.17E-04	3.84E-05	1.40E-06	8.51E-06	1.44E-06	ND	ND
	ESFSO4	Endosulfan sulfate	8.43E-04	1.83E-05	4.85E-07	9.70E-07	9.70E-07	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	2.95E-01	1.79E-02	1.09E-01	1.86E-02	1.48E+00	2.14E-01
	FE	Iron	3.57E+01	7.76E-01	2.06E-02	4.11E-02	4.11E-02	2.64E+01	1.61E+00	9.75E+00	1.64E+00	ND	1.94E+01
	FLRENE	Fluorene	ND	ND	ND	ND	ND	5.90E-02	3.57E-03	2.17E-02	3.71E-03	2.96E-01	4.27E-02
	GCLDAN	gamma-Chlordane	3.29E-03	9.19E-05	2.43E-06	4.87E-06	4.87E-06	1.52E-04	5.56E-06	3.37E-05	5.69E-06	ND	ND
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	5.34E-02	1.16E-03	3.07E-05	6.15E-05	6.15E-05	4.99E-03	2.32E-04	1.41E-03	2.37E-04	6.20E-01	1.86E-01
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	2.69E-04	1.64E-03	2.76E-04	ND	ND
	HPCL	Heptachlor	5.43E-03	1.18E-04	3.13E-06	6.25E-06	6.25E-06	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	1.73E-03	3.76E-05	9.96E-07	1.99E-06	1.99E-06	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	9.68E-02	5.83E-03	3.54E-02	5.97E-03	4.81E-01	6.95E-02
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-03	2.60E-05	6.88E-07	1.38E-06	1.38E-06	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.44E-04	1.40E-05	3.71E-07	7.41E-07	7.41E-07	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	4.19E-01	9.12E-03	2.41E-04	4.83E-04	4.83E-04	9.55E-02	5.81E-03	3.53E-02	5.94E-03	4.79E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	3.18E-02	1.92E-03	1.17E-02	2.00E-03	1.59E-01	2.30E-02
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	6.14E-04	3.73E-03	6.29E-04	ND	1.43E-02
	NI	Nickel	3.29E-01	7.15E-03	1.89E-04	3.79E-04	3.79E-04	1.12E-02	6.83E-04	4.15E-03	6.99E-04	5.34E-02	6.67E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	1.76E-07	1.07E-06	1.80E-07	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	1.93E-01	4.20E-03	1.11E-04	2.22E-04	2.22E-04	4.76E-02	2.89E-03	1.76E-02	2.96E-03	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	7.66E-03	1.67E-04	4.41E-06	8.79E-06	8.79E-06	1.89E-03	1.15E-04	6.97E-04	1.17E-04	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	1.91E+01	8.32E-02	1.10E-02	1.77E-02	1.77E-02	2.58E+00	1.56E-01	9.49E-01	1.60E-01	7.83E-01	6.38E-01
	PCB016	PCB 1016	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	1.25E-03	2.08E-04
	PCB221	PCB 1221	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	1.25E-03	2.08E-04
	PCB232	PCB 1232	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	1.25E-03	2.08E-04
	PCB242	PCB 1242	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	1.25E-03	2.08E-04
	PCB248	PCB 1248	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	1.25E-03	2.08E-04
	PCB254	PCB 1254	8.59E-02	1.87E-03	4.95E-05	9.89E-05	9.89E-05	1.51E-03	7.04E-05	4.27E-04	6.61E-05	5.99E-04	9.98E-05
	PCB260	PCB 1260	8.59E-02	1.87E-03	4.95E-05	9.89E-05	9.89E-05	1.51E-03	7.04E-05	4.27E-04	6.61E-05	5.99E-04	9.98E-05
	PCB262	PCB 1262	1.13E+01	2.46E-01	6.50E-03	1.30E-02	1.30E-02	1.99E-01	9.26E-03	5.62E-02	8.69E-03	7.88E-02	1.31E-02

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU Number	Test Number	Analyte	Passerines	American Kestrel	Great Horned Ow	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	ackrabbi	Kit Fox	Plants	Soil Fauna
ESA-2 (cont.)	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	5.89E-01	3.57E-02	2.16E-01	3.71E-02	2.96E+00	4.27E-01
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	7.01E-07	4.25E-06	7.17E-07	ND	8.67E-04
	PPDDD	ppDDD	1.73E-02	3.77E-04	9.97E-06	9.97E-06	3.99E-06	1.00E-05	4.59E-07	2.79E-06	4.70E-07	ND	1.21E-05
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	4.55E-02	9.90E-04	2.62E-05	2.62E-05	1.05E-05	2.64E-05	1.21E-06	7.33E-06	1.24E-06	ND	3.17E-05
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	8.06E-02	1.75E-03	4.64E-05	4.64E-05	1.86E-05	4.67E-05	2.14E-06	1.30E-05	2.19E-06	ND	5.62E-05
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo[def]phenanthrene	ND	ND	ND	ND	ND	5.90E-01	3.57E-02	2.17E-01	3.71E-02	2.96E+00	4.28E-01
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	5.17E-03	3.14E-02	5.30E-03	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	3.30E-01	2.01E-02	1.22E-01	2.06E-02	1.49E+00	ND
	SE	Selenium	3.51E-01	7.63E-03	2.02E-04	3.75E-04	3.75E-04	5.63E-02	2.57E-03	1.56E-02	2.63E-03	3.18E-01	4.54E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.29E+00	2.81E-02	7.43E-04	1.48E-03	1.48E-03	3.18E-01	1.94E-02	1.17E-01	1.98E-02	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	1.02E-01	2.22E-03	5.87E-05	1.17E-04	1.17E-04	3.35E-02	1.53E-03	9.27E-03	1.56E-03	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	1.07E+00	2.83E-02	7.08E-02	7.08E-02	5.06E+00	2.77E-01	1.68E+00	2.84E-01	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	8.81E-03	2.33E-04	4.67E-04	4.67E-04	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	2.45E-01	7.08E-03	5.43E-02	8.99E-03	7.33E+00	ND
	ZN	Zinc	8.06E+00	1.75E-01	4.64E-03	9.27E-03	9.27E-03	3.95E-01	1.15E-02	8.75E-02	1.47E-02	6.06E+00	1.52E+00
RSA	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.49E-05	4.12E-05	1.86E-04	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.49E-05	4.12E-05	1.86E-04	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.20E-04	1.20E-05	3.34E-05	1.50E-04	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	8.36E-01	4.73E-02	1.69E-02	3.36E-02	3.36E-02	2.06E-01	2.74E-02	7.61E-02	3.43E-01	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	2.14E+00	1.21E-01	4.33E-02	8.68E-02	8.68E-02	5.30E-01	7.06E-02	1.96E-01	8.83E-01	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	7.08E-03	1.96E-02	5.53E-02	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.84E-01	1.48E-02	4.09E-02	1.11E-01	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	2.62E-03	7.27E-03	2.01E-02	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	1.86E-04	2.46E-05	6.82E-05	3.12E-04	9.32E-04	1.35E-04
	2MP	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	2.89E-06	8.01E-06	3.61E-05	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU Number	Test Number	Analyte	Passerines	American Kestrel	Great Horned Ow	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	ackrabbi	Kit Fox	Plants	Soil Fauna
RSA (cont.)	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol	ND	ND	ND	ND	ND	5.31E-05	7.08E-06	1.96E-05	8.85E-05	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.51E-02	8.52E-04	3.04E-04	6.05E-04	6.05E-04	3.71E-03	4.94E-04	1.37E-03	6.17E-03	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	5.99E-02	3.39E-03	1.21E-03	2.41E-03	2.41E-03	1.48E-02	1.97E-03	5.45E-03	2.46E-02	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.58E-01	1.46E-02	5.21E-03	1.04E-02	1.04E-02	6.37E-02	8.48E-03	2.35E-02	1.06E-01	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	7.28E-03	4.12E-04	1.47E-04	2.93E-04	2.93E-04	1.79E-03	2.39E-04	6.62E-04	2.99E-03	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	6.75E-03	3.82E-04	1.36E-04	2.71E-04	2.71E-04	1.66E-03	2.21E-04	6.13E-04	2.77E-03	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.41E-03	1.36E-04	4.85E-05	9.68E-05	9.68E-05	5.93E-04	7.90E-05	2.19E-04	9.87E-04	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	9.71E-03	5.49E-04	1.96E-04	3.91E-04	3.91E-04	2.39E-03	3.19E-04	8.83E-04	3.98E-03	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.59E-01	1.47E-02	5.22E-03	1.04E-02	1.04E-02	6.38E-02	8.50E-03	2.36E-02	1.06E-01	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	8.42E-03	4.76E-04	1.70E-04	3.38E-04	3.38E-04	2.07E-03	2.76E-04	7.65E-04	3.45E-03	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.38E+00	7.79E-02	2.77E-02	5.57E-02	5.57E-02	3.40E-01	4.53E-02	1.26E-01	5.66E-01	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	2.24E-01	1.27E-02	4.53E-03	9.09E-03	9.09E-03	5.54E-02	7.39E-03	2.05E-02	9.24E-02	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-04	4.74E-05	1.69E-05	3.38E-05	3.38E-05	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane	1.02E-04	5.76E-06	2.05E-06	4.11E-06	4.11E-06	7.38E-05	5.90E-06	1.64E-05	7.37E-05	ND	ND
	AENSLF	Endosulfan I	1.20E-03	6.77E-05	2.41E-05	4.82E-05	4.82E-05	ND	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	1.31E-03	4.67E-04	9.30E-04	9.30E-04	2.61E-04	1.67E-05	5.79E-05	2.61E-04	2.01E-01	ND
	AL	Aluminum	ND	ND	ND	ND	ND	4.80E+00	4.80E-01	1.06E+00	5.99E+00	1.24E+01	3.23E+00
	ALDRN	Aldrin	5.25E-03	2.97E-04	8.14E-05	2.12E-04	2.12E-04	3.24E-03	2.59E-04	7.17E-04	1.62E-03	ND	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	1.64E-04	2.17E-05	6.00E-05	2.75E-04	8.20E-04	1.18E-04
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	1.74E-05	4.83E-05	2.21E-04	6.60E-04	9.54E-05
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene	ND	ND	ND	ND	ND	2.83E-03	3.75E-04	1.04E-03	4.76E-03	1.42E-02	2.05E-03
	AS	Arsenic	4.36E-01	2.47E-02	8.79E-03	1.76E-02	1.76E-02	5.93E-02	7.92E-03	2.20E-02	9.90E-02	8.50E-01	1.42E-01
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	9.37E-04	3.34E-04	6.68E-04	6.68E-04	6.25E-05	8.33E-06	2.31E-05	1.04E-04	2.40E-03	ND
	BA	Barium	6.00E-01	3.39E-02	1.21E-02	2.42E-02	2.42E-02	1.81E-01	2.42E-02	6.71E-02	3.01E-01	1.62E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.64E-04	2.17E-05	6.00E-05	2.75E-04	8.20E-04	1.18E-04
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	4.79E-03	6.34E-04	1.76E-03	8.04E-03	1.20E-02	3.47E-03
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	1.24E-03	1.64E-04	4.54E-04	2.08E-03	6.20E-03	8.96E-04
	BBHC	beta-Hexachlorocyclohexane	2.30E-03	1.30E-04	4.64E-05	9.29E-05	9.29E-05	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	6.21E-02	3.51E-03	1.25E-03	2.50E-03	2.50E-03	2.34E-04	3.12E-05	8.66E-05	3.90E-04	9.00E-03	ND

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU Number	Test Number	Analyte	Passerines	American Kestrel	Great Horned Ow	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	ackrabbi	Kit Fox	Plants	Soil Fauna
RSA (cont.)	BE	Beryllium	4.66E-03	2.64E-04	9.40E-05	1.88E-04	1.88E-04	3.94E-04	5.25E-05	1.45E-04	6.56E-04	6.30E-02	ND
	BENSLF	Endosulfan II	3.68E-03	2.08E-04	7.42E-05	1.48E-04	1.48E-04	ND	ND	ND	ND	ND	ND
	BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	1.07E-03	1.42E-04	3.95E-04	1.81E-03	5.39E-03	7.79E-04
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	5.18E-04	6.87E-05	1.90E-04	8.71E-04	2.60E-03	3.76E-04
	BZALC	Benzyl alcohol	1.15E-02	6.50E-04	2.32E-04	4.63E-04	4.63E-04	6.81E-05	5.45E-06	6.04E-06	6.81E-05	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	6.62E-01	3.75E-02	1.34E-02	2.48E-02	2.48E-02	6.40E-03	8.50E-04	2.36E-03	1.06E-02	2.00E-01	3.00E-02
	CHRY	Chrysene	ND	ND	ND	ND	ND	1.28E-04	1.69E-05	4.69E-05	2.14E-04	6.40E-04	9.25E-05
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	1.74E-03	9.85E-05	3.51E-05	7.02E-05	7.02E-05	1.26E-03	1.01E-04	2.80E-04	1.26E-03	ND	ND
	CO	Cobalt	5.00E-03	2.83E-04	1.01E-04	2.02E-04	2.02E-04	6.47E-01	8.28E-02	2.30E-01	1.29E+00	2.92E-01	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	6.82E+00	3.86E-01	1.37E-01	2.75E-01	2.75E-01	2.73E-02	2.19E-03	6.06E-03	2.19E-02	1.65E-01	3.09E+01
	CU	Copper	2.25E-01	1.27E-02	4.53E-03	9.06E-03	9.06E-03	9.76E-02	7.81E-03	2.16E-02	7.81E-02	1.73E-01	2.07E-01
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	1.24E-03	1.64E-04	4.54E-04	2.08E-03	6.20E-03	8.96E-04
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-03	1.44E-04	5.13E-05	1.03E-04	1.03E-04	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	8.45E-02	4.78E-03	1.70E-03	3.41E-03	3.41E-03	3.19E-04	4.25E-05	1.18E-04	5.31E-04	1.22E-02	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	1.93E-03	1.09E-04	3.00E-05	7.79E-05	7.79E-05	1.19E-03	9.53E-05	2.64E-04	5.95E-04	ND	2.69E-05
	DMP	Dimethyl phthalate	2.17E-03	1.23E-04	4.38E-05	8.77E-05	8.77E-05	8.20E-06	1.09E-06	3.03E-06	1.37E-05	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	5.61E-02	3.18E-03	1.13E-03	2.26E-03	2.26E-03	2.12E-04	2.82E-05	7.83E-05	3.53E-04	4.07E-03	ND
	DNOP	Di-n-octyl phthalate	7.94E-03	4.49E-04	1.60E-04	3.20E-04	3.20E-04	2.99E-05	3.99E-06	1.11E-05	4.99E-05	ND	ND
	ENDRN	Endrin	2.22E-01	1.26E-02	4.48E-03	8.55E-03	8.55E-03	7.99E-05	6.39E-06	1.77E-05	7.99E-05	ND	ND
	ENDRNA	Endrin aldehyde	2.43E-02	1.37E-03	4.89E-04	9.34E-04	9.34E-04	8.73E-06	6.98E-07	1.94E-06	8.73E-06	ND	ND
	ENDRNK	Endrin ketone	1.95E-02	1.10E-03	3.93E-04	7.50E-04	7.50E-04	7.01E-06	5.61E-07	1.55E-06	7.01E-06	ND	ND
	ESFSO4	Endosulfan sulfate	1.10E-03	6.22E-05	2.22E-05	4.43E-05	4.43E-05	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	1.84E-04	2.44E-05	6.78E-05	3.10E-04	9.25E-04	1.34E-04
	FE	Iron	1.96E+01	1.11E+00	3.95E-01	7.91E-01	7.91E-01	1.45E+01	1.93E+00	5.35E+00	2.40E+01	ND	1.07E+01
	FLRENE	Fluorene	ND	ND	ND	ND	ND	2.59E-04	3.44E-05	9.52E-05	4.36E-04	1.30E-03	1.88E-04
	GCLDAN	gamma-Chlordane	1.59E-03	1.16E-04	4.13E-05	8.27E-05	8.27E-05	7.38E-05	5.90E-06	1.64E-05	7.37E-05	ND	ND
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	1.04E-02	5.90E-04	2.10E-04	4.21E-04	4.21E-04	9.75E-04	9.90E-05	2.74E-04	1.24E-03	1.21E-01	3.63E-02
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	5.90E-04	1.64E-03	7.37E-03	ND	ND

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU Number	Test Number	Analyte	Passerines	American Kestrel	Great Horned Ow	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	ackrabbi	Kit Fox	Plants	Soil Fauna
RSA (cont.)	HPCL	Heptachlor	2.63E-03	1.49E-04	5.31E-05	1.06E-04	1.06E-04	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	1.55E-03	8.80E-05	3.14E-05	6.27E-05	6.27E-05	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	9.66E-03	1.27E-03	3.53E-03	1.59E-02	4.80E-02	6.94E-03
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-03	6.77E-05	2.41E-05	4.82E-05	4.82E-05	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.44E-04	3.64E-05	1.30E-05	2.60E-05	2.60E-05	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	4.22E-01	2.39E-02	8.51E-03	1.70E-02	1.70E-02	9.61E-02	1.28E-02	3.55E-02	1.60E-01	4.82E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	2.95E-03	3.91E-04	1.08E-03	4.96E-03	1.48E-02	2.14E-03
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	1.35E-03	3.73E-03	1.68E-02	ND	1.43E-02
	NI	Nickel	2.48E-01	1.40E-02	4.99E-03	9.98E-03	9.98E-03	8.44E-03	1.12E-03	3.12E-03	1.41E-02	4.02E-02	5.02E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	3.85E-07	1.07E-06	4.81E-06	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	1.79E-02	1.01E-03	3.62E-04	7.21E-04	7.21E-04	4.42E-03	5.88E-04	1.63E-03	7.35E-03	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	1.92E-02	1.09E-03	3.87E-04	7.72E-04	7.72E-04	4.73E-03	6.30E-04	1.75E-03	7.87E-03	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	1.30E+00	1.47E-02	2.63E-02	4.21E-02	4.21E-02	1.75E-01	2.33E-02	6.46E-02	2.91E-01	5.33E-02	4.34E-02
	PCB016	PCB 1016	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB221	PCB 1221	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB232	PCB 1232	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB242	PCB 1242	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB248	PCB 1248	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB254	PCB 1254	8.59E-02	4.86E-03	1.73E-03	3.47E-03	3.47E-03	1.51E-03	1.54E-04	4.27E-04	1.77E-03	5.99E-04	9.98E-05
	PCB260	PCB 1260	8.59E-02	4.86E-03	1.73E-03	3.47E-03	3.47E-03	1.51E-03	1.54E-04	4.27E-04	1.77E-03	5.99E-04	9.98E-05
	PCB262	PCB 1262	1.13E+01	6.39E-01	2.28E-01	4.56E-01	4.56E-01	1.99E-01	2.03E-02	5.62E-02	2.32E-01	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	2.70E-04	3.58E-05	9.92E-05	4.54E-04	1.36E-03	1.96E-04
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	1.53E-06	4.25E-06	1.92E-05	ND	8.67E-04
	PPDDD	ppDDD	9.69E-03	5.48E-04	1.95E-04	1.95E-04	7.81E-05	5.61E-06	5.62E-07	1.56E-06	7.03E-06	ND	6.75E-06
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.69E-03	5.48E-04	1.95E-04	1.95E-04	7.81E-05	5.61E-06	5.62E-07	1.56E-06	7.03E-06	ND	6.75E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2.21E-02	1.25E-03	4.46E-04	4.46E-04	1.78E-04	1.28E-05	1.28E-06	3.55E-06	1.60E-05	ND	1.54E-05
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Pyrene	ND	ND	ND	ND	ND	7.12E-04	9.44E-05	2.61E-04	1.20E-03	3.57E-03	5.16E-04
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	1.13E-02	3.14E-02	1.42E-01	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	2.21E-02	2.95E-03	8.18E-03	3.69E-02	1.00E-01	ND
	SE	Selenium	2.48E-01	1.40E-02	5.00E-03	9.28E-03	9.28E-03	3.98E-02	3.97E-03	1.10E-02	4.97E-02	2.25E-01	3.21E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2.73E+00	1.54E-01	5.49E-02	1.10E-01	1.10E-01	6.71E-01	8.94E-02	2.48E-01	1.12E+00	ND	ND

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU Number	Test Number	Analyte	Passerines	American Kestrel	Great Horned Ow	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	ackrabbi	Kit Fox	Plants	Soil Fauna
RSA (cont.)	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.40E-01	1.36E-02	4.84E-03	9.65E-03	9.65E-03	7.88E-02	7.88E-03	2.18E-02	9.84E-02	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	2.79E+00	9.93E-01	2.48E+00	2.48E+00	5.06E+00	6.07E-01	1.68E+00	7.59E+00	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	2.29E-02	8.18E-03	1.64E-02	1.64E-02	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	2.24E-01	1.42E-02	4.97E-02	2.20E-01	6.72E+00	ND
	ZN	Zinc	1.28E+00	7.22E-02	2.58E-02	5.15E-02	5.15E-02	6.26E-02	4.00E-03	1.39E-02	6.25E-02	9.61E-01	2.40E-01

[a]No toxicity data.

Summary Statistics for Biota-ESA Basis

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-1	Beetle	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1	1	100	7.83E+00	7.83E+00	7.83E+00	0.00E+00	0	7.83E+00	7.83E-06
	Beetle	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	1	0	1.70E-01	1.70E-01	1.70E-01	0.00E+00	0	1.70E-01	1.70E-07
	Beetle	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	1	0	1.57E-01	1.57E-01	1.57E-01	0.00E+00	0	1.57E-01	1.57E-07
	Beetle	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	1	0	5.50E-02	5.50E-02	5.50E-02	0.00E+00	0	5.50E-02	5.50E-08
	Beetle	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	1	0	2.32E-01	2.32E-01	2.32E-01	0.00E+00	0	2.32E-01	2.32E-07
	Beetle	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1	1	100	1.05E+00	1.05E+00	1.05E+00	0.00E+00	0	1.05E+00	1.05E-06
	Beetle	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	1	0	2.50E-02	2.50E-02	2.50E-02	0.00E+00	0	2.50E-02	2.50E-08
	Beetle	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	1	0	2.40E-01	2.40E-01	2.40E-01	0.00E+00	0	2.40E-01	2.40E-07
	Beetle	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	1	0	8.35E-02	8.35E-02	8.35E-02	0.00E+00	0	8.35E-02	8.35E-08
	Beetle	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	1	0	1.39E-01	1.39E-01	1.39E-01	0.00E+00	0	1.39E-01	1.39E-07
	Beetle	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	1	0	1.05E-01	1.05E-01	1.05E-01	0.00E+00	0	1.05E-01	1.05E-07
	Beetle	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	1	0	1.85E-01	1.85E-01	1.85E-01	0.00E+00	0	1.85E-01	1.85E-07
	Beetle	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	1	0	1.35E-01	1.35E-01	1.35E-01	0.00E+00	0	1.35E-01	1.35E-07
	Beetle	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	1	0	1.45E-01	1.45E-01	1.45E-01	0.00E+00	0	1.45E-01	1.45E-07
	Beetle	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	1	0	6.60E-02	6.60E-02	6.60E-02	0.00E+00	0	6.60E-02	6.60E-08
	Beetle	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	2	2	100	2.00E+01	4.30E+01	3.15E+01	1.63E+01	1.04E+02	4.30E+01	4.30E-02
	Beetle	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2	2	100	7.80E+00	1.40E+01	1.09E+01	4.38E+00	3.05E+01	1.40E+01	1.40E-02
	Beetle	AG	Silver	0	2	0	4.17E-02	4.19E-02	4.18E-02	0.00E+00	4.18E-02	4.19E-02	4.19E-02
	Beetle	AL	Aluminum	2	2	100	6.92E+01	1.17E+02	9.31E+01	3.38E+01	2.44E+02	1.17E+02	1.17E+02
	Beetle	AS	Arsenic	2	2	100	2.30E+00	2.80E+00	2.55E+00	3.54E-01	4.13E+00	2.80E+00	2.80E+00
	Beetle	BA	Barium	2	2	100	3.50E+00	5.70E+00	4.60E+00	1.56E+00	1.15E+01	5.70E+00	5.70E+00
	Beetle	BE	Beryllium	0	2	0	2.00E-03	2.00E-03	2.00E-03	0.00E+00	0.00E+00	2.00E-03	2.00E-03
	Beetle	CD	Cadmium	2	2	100	2.80E-01	4.40E-01	3.60E-01	1.13E-01	8.65E-01	4.40E-01	4.40E-01
	Beetle	CO	Cobalt	2	2	100	1.20E-01	1.50E-01	1.35E-01	2.14E-02	2.31E-01	1.50E-01	1.50E-01
	Beetle	CR	Chromium	2	2	100	3.60E-01	4.80E-01	4.20E-01	8.49E-02	7.99E-01	4.80E-01	4.80E-01
	Beetle	CU	Copper	2	2	100	8.40E+00	1.22E+01	1.03E+01	2.69E+00	2.23E+01	1.22E+01	1.22E+01
	Beetle	FE	Iron	2	2	100	9.47E+01	1.48E+02	1.21E+02	3.77E+01	2.90E+02	1.48E+02	1.48E+02
	Beetle	HG	Mercury	2	2	100	2.00E-02	3.00E-02	2.50E-02	7.75E-03	5.96E-02	3.00E-02	3.00E-02
	Beetle	MN	Manganese	2	2	100	9.20E+00	1.13E+01	1.03E+01	1.48E+00	1.69E+01	1.13E+01	1.13E+01
	Beetle	NI	Nickel	2	2	100	4.80E-01	8.80E-01	6.80E-01	2.83E-01	1.94E+00	8.80E-01	8.80E-01
	Beetle	OCDD	Octachlorodibenzodioxin - nonspecific	0	1	0	5.34E-01	5.34E-01	5.34E-01	0.00E+00	0.00E+00	5.34E-01	5.34E-07
	Beetle	OCDF	Octachlorodibenzofuran - nonspecific	0	1	0	6.50E-01	6.50E-01	6.50E-01	0.00E+00	0.00E+00	6.50E-01	6.50E-07
	Beetle	PB	Lead	2	2	100	2.50E+00	3.90E+00	3.20E+00	9.90E-01	7.62E+00	3.90E+00	3.90E+00
	Beetle	SB	Antimony	1	2	50	9.72E-02	5.90E-01	3.44E-01	3.48E-01	1.90E+00	5.90E-01	5.90E-01
	Beetle	SE	Selenium	2	2	100	1.70E-01	1.70E-01	1.70E-01	0.00E+00	0.00E+00	1.70E-01	1.70E-01
	Beetle	THPCDD	Total heptachlorodibenzo-p-dioxins	0	1	0	2.58E-01	2.58E-01	2.58E-01	0.00E+00	0.00E+00	2.58E-01	2.58E-07
	Beetle	THPCDF	Total heptachlorodibenzofurans	0	1	0	1.96E-01	1.96E-01	1.96E-01	0.00E+00	0.00E+00	1.96E-01	1.96E-07
	Beetle	THCDD	Total hexachlorodibenzo-p-dioxins	0	1	0	1.50E-01	1.50E-01	1.50E-01	0.00E+00	0.00E+00	1.50E-01	1.50E-07
	Beetle	THCDF	Total hexachlorodibenzofurans	0	1	0	9.85E-02	9.85E-02	9.85E-02	0.00E+00	0.00E+00	9.85E-02	9.85E-08
	Beetle	TPCDD	Total pentachlorodibenzo-p-dioxins	1	1	100	2.93E-01	2.93E-01	2.93E-01	0.00E+00	0.00E+00	2.93E-01	2.93E-07
	Beetle	TPCDF	Total pentachlorodibenzofurans	0	1	0	8.50E-01	8.50E-01	8.50E-01	0.00E+00	0.00E+00	8.50E-01	8.50E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-1 (cont.)	Beetle	TTCDD	Total tetrachlorodibenzo-p-dioxins	0	1	0	2.60E-01	2.60E-01	2.60E-01	0.00E+00	0.00E+00	2.60E-01	2.60E-07
	Beetle	TTCDF	Total tetrachlorodibenzofurans	0	1	0	2.40E-01	2.40E-01	2.40E-01	0.00E+00	0.00E+00	2.40E-01	2.40E-07
	Beetle	V	Vanadium	2	2	100	1.70E-01	2.40E-01	2.05E-01	4.96E-02	4.26E-01	2.40E-01	2.40E-01
	Beetle	ZN	Zinc	2	2	100	5.35E+01	5.69E+01	5.52E+01	2.40E+00	6.59E+01	5.69E+01	5.69E+01
	Grasshopper	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	3	0	2.10E-01	2.60E-01	2.30E-01	2.65E-02	2.75E-01	2.60E-01	2.60E-07
	Grasshopper	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	3	0	9.55E-02	1.14E-01	1.07E-01	9.75E-03	1.23E-01	1.14E-01	1.14E-07
	Grasshopper	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	3	0	8.80E-02	1.29E-01	1.06E-01	2.07E-02	1.41E-01	1.29E-01	1.29E-07
	Grasshopper	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	3	0	6.35E-02	9.30E-02	7.72E-02	1.48E-02	1.02E-01	9.30E-02	9.30E-08
	Grasshopper	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	3	0	1.30E-01	1.55E-01	1.45E-01	1.32E-02	1.67E-01	1.55E-01	1.55E-07
	Grasshopper	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	3	0	8.60E-02	1.26E-01	1.03E-01	2.05E-02	1.38E-01	1.26E-01	1.26E-07
	Grasshopper	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	3	0	4.75E-02	7.00E-02	5.80E-02	1.12E-02	7.68E-02	7.00E-02	7.00E-08
	Grasshopper	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	3	0	8.70E-02	1.31E-01	1.05E-01	2.29E-02	1.44E-01	1.31E-01	1.31E-07
	Grasshopper	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	3	0	5.50E-02	8.50E-02	6.90E-02	1.52E-02	9.46E-02	8.50E-02	8.50E-08
	Grasshopper	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	3	0	7.75E-02	1.14E-01	9.35E-02	1.87E-02	1.25E-01	1.14E-01	1.14E-07
	Grasshopper	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	3	0	6.05E-02	8.90E-02	7.38E-02	1.43E-02	9.80E-02	8.90E-02	8.90E-08
	Grasshopper	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	3	0	7.10E-02	1.35E-01	9.80E-02	3.32E-02	1.54E-01	1.35E-01	1.35E-07
	Grasshopper	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	3	0	5.00E-02	7.80E-02	6.30E-02	1.41E-02	8.68E-02	7.80E-02	7.80E-08
	Grasshopper	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	3	0	5.20E-02	8.00E-02	6.48E-02	1.41E-02	8.87E-02	8.00E-02	8.00E-08
	Grasshopper	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	3	0	4.60E-02	7.00E-02	5.68E-02	1.22E-02	7.75E-02	7.00E-02	7.00E-08
	Grasshopper	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	2	3	67	4.30E-01	1.70E+00	1.08E+00	6.35E-01	2.15E+00	1.70E+00	1.70E-03
	Grasshopper	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1	3	33	2.15E-01	1.20E+00	5.43E-01	5.69E-01	1.50E+00	1.20E+00	1.20E-03
	Grasshopper	AG	Silver	0	3	0	4.14E-02	4.18E-02	4.16E-02	0.00E+00	4.16E-02	4.18E-02	4.18E-02
	Grasshopper	AL	Aluminum	3	3	100	1.37E+01	1.63E+01	1.53E+01	1.42E+00	1.77E+01	1.63E+01	1.63E+01
	Grasshopper	AS	Arsenic	0	3	0	9.05E-02	9.50E-02	9.29E-02	2.24E-03	9.67E-02	9.50E-02	9.50E-02
	Grasshopper	BA	Barium	3	3	100	1.10E+00	1.50E+00	1.33E+00	2.08E-01	1.68E+00	1.50E+00	1.50E+00
	Grasshopper	BE	Beryllium	0	3	0	1.95E-03	2.00E-03	1.98E-03	0.00E+00	1.98E-03	2.00E-03	2.00E-03
	Grasshopper	CD	Cadmium	3	3	100	2.90E-01	3.60E-01	3.27E-01	3.51E-02	3.86E-01	3.60E-01	3.60E-01
	Grasshopper	CO	Cobalt	0	3	0	3.26E-02	3.28E-02	3.27E-02	0.00E+00	3.27E-02	3.28E-02	3.28E-02
	Grasshopper	CR	Chromium	3	3	100	1.70E-01	2.20E-01	1.97E-01	2.51E-02	2.39E-01	2.20E-01	2.20E-01
	Grasshopper	CU	Copper	3	3	100	2.15E+01	2.42E+01	2.26E+01	1.44E+00	2.50E+01	2.42E+01	2.42E+01
	Grasshopper	FE	Iron	3	3	100	2.94E+01	3.40E+01	3.24E+01	2.63E+00	3.69E+01	3.40E+01	3.40E+01
	Grasshopper	HG	Mercury	3	3	100	1.00E-02	1.00E-02	1.00E-02	0.00E+00	0.00E+00	1.00E-02	1.00E-02
	Grasshopper	MN	Manganese	0	3	0	1.97E+00	1.99E+00	1.98E+00	7.75E-03	1.99E+00	1.99E+00	1.99E+00
	Grasshopper	NI	Nickel	3	3	100	7.50E-01	7.90E-01	7.73E-01	2.07E-02	8.08E-01	7.90E-01	7.90E-01
	Grasshopper	OCDD	Octachlorodibenzodioxin - nonspecific	0	3	0	4.08E-01	1.10E+00	8.36E-01	3.74E-01	1.47E+00	1.10E+00	1.10E-06
	Grasshopper	OCDF	Octachlorodibenzofuran - nonspecific	0	3	0	2.11E-01	3.35E-01	2.87E-01	6.69E-02	4.00E-01	3.35E-01	3.35E-07
	Grasshopper	PB	Lead	3	3	100	3.60E-01	5.70E-01	4.37E-01	1.16E-01	6.32E-01	5.70E-01	5.70E-01
	Grasshopper	SB	Antimony	0	3	0	1.00E-01	1.05E-01	1.03E-01	2.24E-03	1.07E-01	1.05E-01	1.05E-01
	Grasshopper	SE	Selenium	3	3	100	1.20E-01	1.90E-01	1.47E-01	3.79E-02	2.11E-01	1.90E-01	1.90E-01
	Grasshopper	THPCDD	Total heptachlorodibenzo-p-dioxins	1	3	33	1.80E-01	7.14E-01	3.69E-01	2.99E-01	8.73E-01	7.14E-01	7.14E-07
	Grasshopper	THPCDF	Total heptachlorodibenzofurans	0	3	0	1.10E-01	1.31E-01	1.23E-01	1.12E-02	1.42E-01	1.31E-01	1.31E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-1 (cont.)	Grasshopper	THCDD	Total hexachlorodibenzo-p-dioxins	1	3	33	7.50E-02	1.23E-01	1.04E-01	2.53E-02	1.46E-01	1.23E-01	1.23E-07
	Grasshopper	THCDF	Total hexachlorodibenzofurans	2	3	67	1.35E-01	2.97E-01	2.43E-01	9.33E-02	4.00E-01	2.97E-01	2.97E-07
	Grasshopper	TPCDD	Total pentachlorodibenzo-p-dioxins	0	3	0	8.70E-02	1.31E-01	1.05E-01	2.29E-02	1.44E-01	1.31E-01	1.31E-07
	Grasshopper	TPCDF	Total pentachlorodibenzofurans	0	3	0	4.00E-02	8.15E-02	6.18E-02	2.09E-02	9.70E-02	8.15E-02	8.15E-08
	Grasshopper	TTCDD	Total tetrachlorodibenzo-p-dioxins	0	3	0	3.50E-02	8.00E-02	5.92E-02	2.26E-02	9.72E-02	8.00E-02	8.00E-08
	Grasshopper	TTCDF	Total tetrachlorodibenzofurans	0	3	0	4.60E-02	7.00E-02	5.68E-02	1.22E-02	7.75E-02	7.00E-02	7.00E-08
	Grasshopper	V	Vanadium	0	3	0	3.45E-02	3.48E-02	3.47E-02	0.00E+00	3.47E-02	3.48E-02	3.48E-02
	Grasshopper	ZN	Zinc	3	3	100	5.88E+01	6.05E+01	5.94E+01	9.29E-01	6.10E+01	6.05E+01	6.05E+01
	Gumweed	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2	4	50	2.45E-01	1.78E+00	7.73E-01	6.92E-01	1.59E+00	1.59E+00	1.59E-06
	Gumweed	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2	4	50	1.16E-01	6.31E-01	3.46E-01	2.33E-01	6.21E-01	6.21E-01	6.21E-07
	Gumweed	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	4	0	1.08E-01	3.71E-01	1.97E-01	1.18E-01	3.36E-01	3.71E-01	3.71E-07
	Gumweed	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	4	0	5.35E-02	2.02E-01	1.03E-01	6.74E-02	1.82E-01	2.02E-01	2.02E-07
	Gumweed	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	4	0	1.18E-01	3.32E-01	1.99E-01	9.33E-02	3.08E-01	3.32E-01	3.32E-07
	Gumweed	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	4	0	9.05E-02	3.11E-01	1.65E-01	9.90E-02	2.81E-01	3.11E-01	3.11E-07
	Gumweed	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	4	0	4.30E-02	1.62E-01	8.24E-02	5.38E-02	1.46E-01	1.62E-01	1.62E-07
	Gumweed	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	4	0	7.20E-02	2.31E-01	1.27E-01	7.13E-02	2.11E-01	2.31E-01	2.31E-07
	Gumweed	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	4	0	3.85E-02	1.58E-01	7.95E-02	5.35E-02	1.42E-01	1.58E-01	1.58E-07
	Gumweed	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	4	0	9.80E-02	3.37E-01	1.79E-01	1.07E-01	3.05E-01	3.37E-01	3.37E-07
	Gumweed	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	4	0	5.75E-02	2.17E-01	1.10E-01	7.22E-02	1.95E-01	2.17E-01	2.17E-07
	Gumweed	246TNT	2,4,6-Trinitrotoluene	0	4	0	6.00E+03	7.00E+03	6.75E+03	5.00E+02	7.34E+03	7.00E+03	7.00E+00
	Gumweed	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	4	0	1.10E+03	1.10E+03	1.10E+03	0.00E+00	0.00E+00	1.10E+03	1.10E+00
	Gumweed	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	4	0	1.45E-01	1.94E-01	1.67E-01	2.09E-02	1.91E-01	1.94E-01	1.94E-07
	Gumweed	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	4	0	3.75E-02	1.53E-01	7.68E-02	5.16E-02	1.37E-01	1.53E-01	1.53E-07
	Gumweed	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	4	0	3.35E-02	1.71E-01	7.60E-02	6.39E-02	1.51E-01	1.71E-01	1.71E-07
	Gumweed	TCDF	2,3,7,8-Tetrachlorodibenzofuran	1	4	25	4.20E-02	9.01E-01	3.04E-01	4.01E-01	7.76E-01	7.76E-01	7.76E-07
	Gumweed	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	4	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	4	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Gumweed	AG	Silver	0	4	0	7.87E-02	7.90E-02	7.89E-02	0.00E+00	7.89E-02	7.90E-02	7.90E-02
	Gumweed	AL	Aluminum	2	4	50	4.01E+01	1.48E+02	9.11E+01	5.90E+01	1.60E+02	1.48E+02	1.48E+02
	Gumweed	AS	Arsenic	2	4	50	3.15E-01	9.30E-01	5.73E-01	3.08E-01	9.35E-01	9.30E-01	9.30E-01
	Gumweed	BA	Barium	4	4	100	1.12E+01	3.09E+01	1.78E+01	8.90E+00	2.83E+01	2.83E+01	2.83E+01
	Gumweed	BE	Beryllium	0	4	0	3.00E-03	3.00E-03	3.00E-03	0.00E+00	0.00E+00	3.00E-03	3.00E-03
	Gumweed	BAANTR	Benzo[a]anthracene	0	4	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BKFANT	Benzo[k]fluoranthene	0	4	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CD	Cadmium	2	4	50	2.01E-01	2.30E+00	7.89E-01	1.01E+00	1.98E+00	1.98E+00	1.98E+00
	Gumweed	CHRY	Chrysene	2	4	50	3.45E-01	2.60E+00	1.12E+00	1.06E+00	2.37E+00	2.37E+00	2.37E-03
	Gumweed	CO	Cobalt	3	4	75	3.90E-02	1.30E-01	8.48E-02	3.74E-02	1.29E-01	1.29E-01	1.29E-01
	Gumweed	CR	Chromium	4	4	100	2.80E-01	4.80E-01	3.55E-01	8.82E-02	4.59E-01	4.59E-01	4.59E-01
	Gumweed	CU	Copper	4	4	100	9.10E+00	9.90E+00	9.53E+00	3.30E-01	9.91E+00	9.90E+00	9.90E+00
	Gumweed	FE	Iron	4	4	100	6.25E+01	1.39E+02	1.04E+02	3.59E+01	1.47E+02	1.39E+02	1.39E+02
	Gumweed	FANT	Fluoranthene	4	4	100	3.90E+00	1.40E+01	7.00E+00	4.70E+00	1.25E+01	1.25E+01	1.25E-02

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-1 (cont.)	Gumweed	HG	Mercury	0	4	0	9.80E-03	1.00E-02	9.88E-03	0.00E+00	9.88E-03	1.00E-02	1.00E-02
	Gumweed	MN	Manganese	4	4	100	6.30E+00	2.81E+01	1.96E+01	9.77E+00	3.11E+01	2.81E+01	2.81E+01
	Gumweed	NI	Nickel	4	4	100	4.00E-01	1.10E+00	6.18E-01	3.25E-01	1.00E+00	1.00E+00	1.00E+00
	Gumweed	OCDD	Octachlorodibenzodioxin - nonspecific	3	4	75	5.37E-01	1.06E+01	4.91E+00	4.18E+00	9.83E+00	9.83E+00	9.83E-06
	Gumweed	OCDF	Octachlorodibenzofuran - nonspecific	1	4	25	2.38E-01	8.81E-01	4.75E-01	2.85E-01	8.10E-01	8.10E-01	8.10E-07
	Gumweed	PB	Lead	4	4	100	1.90E+00	3.12E+01	9.43E+00	1.45E+01	2.65E+01	2.65E+01	2.65E+01
	Gumweed	PHANTR	Phenanthrene	4	4	100	2.10E+01	6.90E+01	3.50E+01	2.28E+01	6.18E+01	6.18E+01	6.18E-02
	Gumweed	PYR	Pyrene	4	4	100	1.90E+00	8.10E+00	3.83E+00	2.87E+00	7.21E+00	7.21E+00	7.21E-03
	Gumweed	RDX	RDX / Cyclonite	0	4	0	3.60E+03	3.95E+03	3.86E+03	1.75E+02	4.07E+03	3.95E+03	3.95E+00
	Gumweed	SB	Antimony	0	4	0	1.63E-01	1.65E-01	1.65E-01	0.00E+00	1.65E-01	1.65E-01	1.65E-01
	Gumweed	SE	Selenium	1	4	25	2.79E-01	8.50E-01	4.25E-01	2.83E-01	7.58E-01	7.58E-01	7.58E-01
	Gumweed	THPCDD	Total heptachlorodibenzo-p-dioxins	3	4	75	2.45E-01	3.79E+00	1.95E+00	1.75E+00	4.00E+00	3.79E+00	3.79E-06
	Gumweed	THPCDF	Total heptachlorodibenzofurans	3	4	75	1.44E-01	6.31E-01	4.59E-01	2.29E-01	7.28E-01	6.31E-01	6.31E-07
	Gumweed	THCDD	Total hexachlorodibenzo-p-dioxins	1	4	25	9.80E-02	3.80E-01	2.41E-01	1.38E-01	4.04E-01	3.80E-01	3.80E-07
	Gumweed	THCDF	Total hexachlorodibenzofurans	3	4	75	1.91E-01	3.38E-01	2.84E-01	6.51E-02	3.60E-01	3.38E-01	3.38E-07
	Gumweed	TPCDD	Total pentachlorodibenzo-p-dioxins	0	4	0	7.20E-02	2.31E-01	1.27E-01	7.13E-02	2.11E-01	2.31E-01	2.31E-07
	Gumweed	TPCDF	Total pentachlorodibenzofurans	1	4	25	1.05E-01	6.19E-01	2.56E-01	2.43E-01	5.42E-01	5.42E-01	5.42E-07
	Gumweed	TTCDD	Total tetrachlorodibenzo-p-dioxins	2	4	50	3.35E-02	3.37E-01	1.76E-01	1.24E-01	3.22E-01	3.22E-01	3.22E-07
	Gumweed	TTCDF	Total tetrachlorodibenzofurans	3	4	75	1.31E-01	1.78E+00	6.39E-01	7.69E-01	1.54E+00	1.54E+00	1.54E-06
	Gumweed	V	Vanadium	2	4	50	5.38E-02	1.90E-01	1.17E-01	7.33E-02	2.03E-01	1.90E-01	1.90E-01
	Gumweed	ZN	Zinc	4	4	100	2.32E+01	3.93E+01	3.01E+01	7.72E+00	3.91E+01	3.91E+01	3.91E+01
	Jackrabbit	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	15	15	100	5.53E-01	3.07E+01	6.44E+00	7.86E+00	1.00E+01	1.00E+01	1.00E-05
	Jackrabbit	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	9	15	60	4.90E-02	1.03E+01	1.48E+00	2.71E+00	2.71E+00	2.71E+00	2.71E-06
	Jackrabbit	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	3	15	20	4.10E-02	6.26E-01	1.59E-01	1.46E-01	2.25E-01	2.25E-01	2.25E-07
	Jackrabbit	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	6	15	40	3.20E-02	6.10E-01	1.69E-01	1.59E-01	2.41E-01	2.41E-01	2.41E-07
	Jackrabbit	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1	15	7	3.40E-02	3.96E-01	1.31E-01	1.02E-01	1.77E-01	1.77E-01	1.77E-07
	Jackrabbit	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	5	15	33	3.45E-02	1.10E+00	2.92E-01	3.23E-01	4.39E-01	4.39E-01	4.39E-07
	Jackrabbit	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	4	15	27	2.35E-02	2.99E-01	1.05E-01	1.00E-01	1.50E-01	1.50E-01	1.50E-07
	Jackrabbit	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1	15	7	3.10E-02	2.07E-01	8.41E-02	4.30E-02	1.04E-01	1.04E-01	1.04E-07
	Jackrabbit	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	15	0	1.80E-02	1.33E-01	4.78E-02	2.80E-02	6.05E-02	1.33E-01	1.33E-07
	Jackrabbit	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4	15	27	4.45E-02	8.69E-01	1.96E-01	2.33E-01	3.02E-01	3.02E-01	3.02E-07
	Jackrabbit	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	15	0	2.35E-02	1.84E-01	7.10E-02	3.84E-02	8.84E-02	1.84E-01	1.84E-07
	Jackrabbit	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	15	0	6.00E+02	6.00E+02	6.00E+02	0.00E+00	0.00E+00	6.00E+02	6.00E-01
	Jackrabbit	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	11	15	73	4.85E-02	8.33E-01	3.36E-01	2.34E-01	4.43E-01	4.43E-01	4.43E-07
	Jackrabbit	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1	15	7	1.90E-02	1.97E-01	5.78E-02	4.74E-02	7.94E-02	7.94E-02	7.94E-08
	Jackrabbit	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	15	0	1.90E-02	1.30E-01	5.11E-02	2.68E-02	6.33E-02	1.30E-01	1.30E-07
	Jackrabbit	TCDF	2,3,7,8-Tetrachlorodibenzofuran	1	15	7	1.90E-02	1.13E-01	4.86E-02	2.77E-02	6.12E-02	6.12E-02	6.12E-08
	Jackrabbit	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	3	15	20	3.35E-01	1.20E+00	4.50E-01	2.57E-01	5.67E-01	5.67E-01	5.67E-04
	Jackrabbit	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	15	0	1.00E+01	1.00E+01	1.00E+01	0.00E+00	0.00E+00	1.00E+01	1.00E-02
	Jackrabbit	AG	Silver	0	15	0	1.83E-01	1.86E-01	1.84E-01	0.00E+00	1.84E-01	1.86E-01	1.86E-01
	Jackrabbit	AL	Aluminum	15	15	100	8.60E+00	2.81E+01	1.95E+01	5.32E+00	2.20E+01	2.20E+01	2.20E+01

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-1 (cont.)	Jackrabbit	AS	Arsenic	0	15	0	1.23E-01	1.35E-01	1.30E-01	3.96E-03	1.32E-01	1.35E-01	1.35E-01
	Jackrabbit	BA	Barium	5	15	33	2.18E+00	8.20E+00	3.21E+00	1.73E+00	4.00E+00	4.00E+00	4.00E+00
	Jackrabbit	BE	Beryllium	0	15	0	1.95E-03	2.00E-03	1.98E-03	0.00E+00	1.98E-03	2.00E-03	2.00E-03
	Jackrabbit	BAANTR	Benzo[a]anthracene	4	15	27	2.45E-01	3.10E+00	6.66E-01	8.60E-01	1.06E+00	1.06E+00	1.06E-03
	Jackrabbit	BKFANT	Benzo[k]fluoranthene	4	15	27	2.50E-01	3.10E+00	6.77E-01	8.42E-01	1.06E+00	1.06E+00	1.06E-03
	Jackrabbit	CD	Cadmium	8	15	53	5.61E-02	4.20E-01	1.25E-01	9.49E-02	1.68E-01	1.68E-01	1.68E-01
	Jackrabbit	CHRY	Chrysene	10	15	67	2.80E-01	6.50E+00	1.47E+00	1.73E+00	2.26E+00	2.26E+00	2.26E-03
	Jackrabbit	CO	Cobalt	3	15	20	2.65E-02	8.00E-02	3.47E-02	1.71E-02	4.25E-02	4.25E-02	4.25E-02
	Jackrabbit	CR	Chromium	15	15	100	3.20E-01	4.40E-01	3.81E-01	3.49E-02	3.97E-01	3.97E-01	3.97E-01
	Jackrabbit	CU	Copper	15	15	100	3.60E+00	3.14E+01	1.26E+01	8.76E+00	1.66E+01	1.66E+01	1.66E+01
	Jackrabbit	FE	Iron	15	15	100	7.49E+01	1.88E+02	1.09E+02	2.93E+01	1.23E+02	1.23E+02	1.23E+02
	Jackrabbit	FANT	Fluoranthene	7	15	47	4.30E-01	7.70E+00	1.65E+00	2.20E+00	2.66E+00	2.66E+00	2.66E-03
	Jackrabbit	HG	Mercury	14	15	93	1.45E-03	1.00E-02	8.48E-03	2.80E-03	9.76E-03	9.76E-03	9.76E-03
	Jackrabbit	MN	Manganese	15	15	100	1.90E+00	4.20E+00	2.99E+00	7.91E-01	3.35E+00	3.35E+00	3.35E+00
	Jackrabbit	NI	Nickel	14	15	93	4.93E-02	4.40E-01	2.36E-01	9.56E-02	2.79E-01	2.79E-01	2.79E-01
	Jackrabbit	OCDD	Octachlorodibenzodioxin - nonspecific	15	15	100	1.53E+00	1.91E+02	3.42E+01	5.82E+01	6.06E+01	6.06E+01	6.06E-05
	Jackrabbit	OCDF	Octachlorodibenzofuran - nonspecific	6	15	40	4.35E-02	1.25E+01	2.06E+00	3.51E+00	3.65E+00	3.65E+00	3.65E-06
	Jackrabbit	PB	Lead	15	15	100	1.80E+00	4.05E+02	7.59E+01	1.13E+02	1.27E+02	1.27E+02	1.27E+02
	Jackrabbit	PHANTR	Phenanthrene	13	15	87	1.85E-01	4.50E+00	1.69E+00	1.34E+00	2.30E+00	2.30E+00	2.30E-03
	Jackrabbit	PYR	Pyrene	12	15	80	1.95E-01	8.90E+00	1.87E+00	2.55E+00	3.03E+00	3.03E+00	3.03E-03
	Jackrabbit	SB	Antimony	2	15	13	2.14E-01	6.70E-01	2.66E-01	1.27E-01	3.23E-01	3.23E-01	3.23E-01
	Jackrabbit	SE	Selenium	0	15	0	1.14E-01	1.25E-01	1.20E-01	3.59E-03	1.22E-01	1.25E-01	1.25E-01
	Jackrabbit	THPCDD	Total heptachlorodibenzo-p-dioxins	15	15	100	5.53E-01	3.12E+01	6.71E+00	7.95E+00	1.03E+01	1.03E+01	1.03E-05
	Jackrabbit	THPCDF	Total heptachlorodibenzofurans	11	15	73	6.00E-02	1.03E+01	1.80E+00	2.74E+00	3.04E+00	3.04E+00	3.04E-06
	Jackrabbit	THCDD	Total hexachlorodibenzo-p-dioxins	6	15	40	4.70E-02	2.60E+00	4.88E-01	7.35E-01	8.22E-01	8.22E-01	8.22E-07
	Jackrabbit	THCDF	Total hexachlorodibenzofurans	11	15	73	4.70E-02	2.15E+00	6.38E-01	6.18E-01	9.19E-01	9.19E-01	9.19E-07
	Jackrabbit	TPCDD	Total pentachlorodibenzo-p-dioxins	1	15	7	3.10E-02	2.07E-01	8.41E-02	4.30E-02	1.04E-01	1.04E-01	1.04E-07
	Jackrabbit	TPCDF	Total pentachlorodibenzofurans	1	15	7	1.95E-02	1.97E-01	6.22E-02	4.80E-02	8.41E-02	8.41E-02	8.41E-08
	Jackrabbit	TTCDD	Total tetrachlorodibenzo-p-dioxins	1	15	7	2.20E-02	1.30E-01	5.36E-02	2.53E-02	6.50E-02	6.50E-02	6.50E-08
	Jackrabbit	TTCDF	Total tetrachlorodibenzofurans	1	15	7	1.90E-02	1.13E-01	4.86E-02	2.77E-02	6.12E-02	6.12E-02	6.12E-08
	Jackrabbit	V	Vanadium	0	15	0	2.75E-02	2.80E-02	2.77E-02	0.00E+00	2.77E-02	2.80E-02	2.80E-02
	Jackrabbit	ZN	Zinc	15	15	100	1.89E+01	2.41E+01	2.19E+01	1.53E+00	2.26E+01	2.26E+01	2.26E+01
	Rabbitbrush	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5	14	36	1.07E-01	1.70E+00	5.95E-01	5.08E-01	8.36E-01	8.36E-01	8.36E-07
	Rabbitbrush	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	4	14	29	4.20E-02	5.19E-01	2.09E-01	1.63E-01	2.86E-01	2.86E-01	2.86E-07
	Rabbitbrush	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	14	0	6.05E-02	4.49E-01	2.28E-01	1.39E-01	2.93E-01	4.49E-01	4.49E-07
	Rabbitbrush	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	14	0	3.80E-02	2.88E-01	1.34E-01	9.10E-02	1.77E-01	2.88E-01	2.88E-07
	Rabbitbrush	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	14	0	6.50E-02	4.41E-01	2.23E-01	1.28E-01	2.83E-01	4.41E-01	4.41E-07
	Rabbitbrush	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	14	0	5.00E-02	4.15E-01	2.02E-01	1.32E-01	2.65E-01	4.15E-01	4.15E-07
	Rabbitbrush	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	14	0	2.85E-02	2.11E-01	1.00E-01	6.56E-02	1.31E-01	2.11E-01	2.11E-07
	Rabbitbrush	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	14	0	4.10E-02	3.22E-01	1.59E-01	1.05E-01	2.09E-01	3.22E-01	3.22E-07
	Rabbitbrush	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	14	0	2.45E-02	2.01E-01	9.38E-02	6.47E-02	1.24E-01	2.01E-01	2.01E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-1 (cont.)	Rabbitbrush	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	14	0	4.40E-02	3.97E-01	1.98E-01	1.26E-01	2.57E-01	3.97E-01	3.97E-07
	Rabbitbrush	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	14	0	3.80E-02	3.20E-01	1.45E-01	1.03E-01	1.94E-01	3.20E-01	3.20E-07
	Rabbitbrush	246TNT	2,4,6-Trinitrotoluene	0	14	0	2.40E+03	2.85E+03	2.76E+03	1.49E+02	2.83E+03	2.85E+03	2.85E+00
	Rabbitbrush	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	2	14	14	7.50E+02	2.00E+03	9.29E+02	4.54E+02	1.14E+03	1.14E+03	1.14E+00
	Rabbitbrush	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	2	14	14	3.60E-02	3.15E-01	1.81E-01	9.55E-02	2.26E-01	2.26E-01	2.26E-07
	Rabbitbrush	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1	14	7	2.50E-02	2.00E-01	9.91E-02	6.61E-02	1.30E-01	1.30E-01	1.30E-07
	Rabbitbrush	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	14	0	2.20E-02	2.11E-01	9.23E-02	6.85E-02	1.25E-01	2.11E-01	2.11E-07
	Rabbitbrush	TCDF	2,3,7,8-Tetrachlorodibenzofuran	3	14	21	2.45E-02	7.44E-01	1.94E-01	1.99E-01	2.88E-01	2.88E-01	2.88E-07
	Rabbitbrush	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	4	14	29	1.70E+01	1.30E+02	3.62E+01	3.49E+01	5.27E+01	5.27E+01	5.27E-02
	Rabbitbrush	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	14	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Rabbitbrush	AG	Silver	0	14	0	7.94E-02	8.09E-02	8.02E-02	0.00E+00	8.02E-02	8.09E-02	8.09E-02
	Rabbitbrush	AL	Aluminum	13	14	93	9.46E+00	1.26E+02	5.77E+01	3.31E+01	7.34E+01	7.34E+01	7.34E+01
	Rabbitbrush	AS	Arsenic	13	14	93	1.24E-01	9.00E-01	5.30E-01	2.42E-01	6.45E-01	6.45E-01	6.45E-01
	Rabbitbrush	BA	Barium	14	14	100	2.80E+00	9.94E+01	2.70E+01	3.43E+01	4.32E+01	4.32E+01	4.32E+01
	Rabbitbrush	BE	Beryllium	0	14	0	2.95E-03	3.00E-03	2.97E-03	0.00E+00	2.97E-03	3.00E-03	3.00E-03
	Rabbitbrush	BAANTR	Benzo[a]anthracene	0	14	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BKFANT	Benzo[k]fluoranthene	0	14	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CD	Cadmium	14	14	100	1.20E-01	3.40E-01	1.99E-01	6.43E-02	2.29E-01	2.29E-01	2.29E-01
	Rabbitbrush	CHRY	Chrysene	10	14	71	4.15E-01	2.60E+00	1.09E+00	6.78E-01	1.41E+00	1.41E+00	1.41E-03
	Rabbitbrush	CO	Cobalt	3	14	21	4.71E-02	1.10E-01	5.94E-02	2.39E-02	7.08E-02	7.08E-02	7.08E-02
	Rabbitbrush	CR	Chromium	14	14	100	1.70E-01	6.80E-01	3.02E-01	1.35E-01	3.66E-01	3.66E-01	3.66E-01
	Rabbitbrush	CU	Copper	14	14	100	4.00E+00	1.30E+01	6.87E+00	3.02E+00	8.30E+00	8.30E+00	8.30E+00
	Rabbitbrush	FE	Iron	14	14	100	2.92E+01	1.45E+02	7.42E+01	3.37E+01	9.02E+01	9.02E+01	9.02E+01
	Rabbitbrush	FANT	Fluoranthene	14	14	100	4.30E+00	2.90E+01	1.17E+01	7.04E+00	1.50E+01	1.50E+01	1.50E-02
	Rabbitbrush	HG	Mercury	7	14	50	4.95E-03	2.00E-02	8.20E-03	4.02E-03	1.01E-02	1.01E-02	1.01E-02
	Rabbitbrush	MN	Manganese	14	14	100	1.02E+01	3.45E+01	2.03E+01	7.01E+00	2.36E+01	2.36E+01	2.36E+01
	Rabbitbrush	NI	Nickel	14	14	100	3.90E-01	1.80E+00	9.43E-01	5.16E-01	1.19E+00	1.19E+00	1.19E+00
	Rabbitbrush	OCDD	Octachlorodibenzodioxin - nonspecific	9	14	64	3.36E-01	1.31E+01	4.68E+00	4.04E+00	6.59E+00	6.59E+00	6.59E-06
	Rabbitbrush	OCDF	Octachlorodibenzofuran - nonspecific	5	14	36	9.95E-02	1.77E+00	7.90E-01	6.03E-01	1.08E+00	1.08E+00	1.08E-06
	Rabbitbrush	PB	Lead	14	14	100	8.60E-01	4.78E+01	1.14E+01	1.37E+01	1.79E+01	1.79E+01	1.79E+01
	Rabbitbrush	PHANTR	Phenanthrene	14	14	100	3.20E+01	1.90E+02	8.94E+01	4.73E+01	1.12E+02	1.12E+02	1.12E-01
	Rabbitbrush	PYR	Pyrene	14	14	100	1.10E+00	9.70E+00	3.77E+00	2.54E+00	4.97E+00	4.97E+00	4.97E-03
	Rabbitbrush	RDX	RDX / Cyclonite	0	14	0	6.00E+03	7.00E+03	6.82E+03	3.17E+02	6.97E+03	7.00E+03	7.00E+00
	Rabbitbrush	SB	Antimony	2	14	14	2.43E-01	9.60E-01	3.35E-01	2.16E-01	4.37E-01	4.37E-01	4.37E-01
	Rabbitbrush	SE	Selenium	0	14	0	2.06E-01	2.21E-01	2.14E-01	4.64E-03	2.16E-01	2.21E-01	2.21E-01
	Rabbitbrush	THPCDD	Total heptachlorodibenzo-p-dioxins	6	14	43	1.07E-01	2.99E+00	8.77E-01	9.57E-01	1.33E+00	1.33E+00	1.33E-06
	Rabbitbrush	THPCDF	Total heptachlorodibenzofurans	5	14	36	5.10E-02	5.19E-01	2.57E-01	1.63E-01	3.34E-01	3.34E-01	3.34E-07
	Rabbitbrush	THCDD	Total hexachlorodibenzo-p-dioxins	1	14	7	5.05E-02	4.19E-01	2.43E-01	1.33E-01	3.06E-01	3.06E-01	3.06E-07
	Rabbitbrush	THCDF	Total hexachlorodibenzofurans	5	14	36	3.45E-02	5.81E-01	2.34E-01	1.53E-01	3.07E-01	3.07E-01	3.07E-07
	Rabbitbrush	TPCDD	Total pentachlorodibenzo-p-dioxins	0	14	0	4.10E-02	3.22E-01	1.61E-01	1.03E-01	2.10E-01	3.22E-01	3.22E-07
	Rabbitbrush	TPCDF	Total pentachlorodibenzofurans	3	14	21	2.70E-02	4.97E-01	1.51E-01	1.16E-01	2.06E-01	2.06E-01	2.06E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-1 (cont.)	Rabbitbrush	TTCDD	Total tetrachlorodibenzo-p-dioxins	2	14	14	2.25E-02	2.30E-01	1.21E-01	7.61E-02	1.57E-01	1.57E-01	1.57E-07
	Rabbitbrush	TTCDF	Total tetrachlorodibenzofurans	6	14	43	3.55E-02	2.43E+00	5.11E-01	7.06E-01	8.45E-01	8.45E-01	8.45E-07
	Rabbitbrush	V	Vanadium	6	14	43	3.92E-02	2.00E-01	7.76E-02	5.41E-02	1.03E-01	1.03E-01	1.03E-01
	Rabbitbrush	ZN	Zinc	14	14	100	9.00E+00	3.10E+01	1.56E+01	6.40E+00	1.86E+01	1.86E+01	1.86E+01
	Sweetclover	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4	11	36	9.45E-02	2.11E+00	5.55E-01	5.56E-01	8.59E-01	8.59E-01	8.59E-07
	Sweetclover	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	11	0	7.15E-02	4.31E-01	1.85E-01	1.23E-01	2.53E-01	4.31E-01	4.31E-07
	Sweetclover	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	11	0	6.45E-02	7.01E-01	2.69E-01	2.09E-01	3.83E-01	7.01E-01	7.01E-07
	Sweetclover	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1	11	9	3.25E-02	3.93E-01	1.40E-01	1.08E-01	1.98E-01	1.98E-01	1.98E-07
	Sweetclover	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	11	0	6.55E-02	7.05E-01	2.83E-01	2.21E-01	4.04E-01	7.05E-01	7.05E-07
	Sweetclover	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	11	0	5.40E-02	5.86E-01	2.25E-01	1.75E-01	3.20E-01	5.86E-01	5.86E-07
	Sweetclover	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	11	0	2.55E-02	3.13E-01	1.08E-01	8.86E-02	1.56E-01	3.13E-01	3.13E-07
	Sweetclover	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	11	0	4.65E-02	5.48E-01	1.77E-01	1.51E-01	2.59E-01	5.48E-01	5.48E-07
	Sweetclover	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	11	0	2.55E-02	3.23E-01	9.42E-02	8.65E-02	1.41E-01	3.23E-01	3.23E-07
	Sweetclover	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	11	0	5.85E-02	6.35E-01	2.43E-01	1.89E-01	3.47E-01	6.35E-01	6.35E-07
	Sweetclover	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	11	0	3.45E-02	4.21E-01	1.45E-01	1.19E-01	2.10E-01	4.21E-01	4.21E-07
	Sweetclover	246TNT	2,4,6-Trinitrotoluene	1	11	9	1.05E+02	2.50E+03	3.27E+02	7.21E+02	7.21E+02	7.21E+02	7.21E-01
	Sweetclover	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	11	0	6.50E+02	6.50E+02	6.50E+02	0.00E+00	0.00E+00	6.50E+02	6.50E-01
	Sweetclover	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	4	11	36	3.30E-02	3.77E-01	2.08E-01	1.13E-01	2.69E-01	2.69E-01	2.69E-07
	Sweetclover	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	11	0	2.45E-02	3.12E-01	9.82E-02	7.98E-02	1.42E-01	3.12E-01	3.12E-07
	Sweetclover	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1	11	9	2.50E-02	9.43E-01	1.71E-01	2.77E-01	3.22E-01	3.22E-01	3.22E-07
	Sweetclover	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	11	0	2.15E-02	4.20E-01	1.76E-01	1.38E-01	2.51E-01	4.20E-01	4.20E-07
	Sweetclover	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	11	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03
	Sweetclover	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	11	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
	Sweetclover	AG	Silver	0	11	0	3.53E-02	3.60E-02	3.56E-02	0.00E+00	3.56E-02	3.60E-02	3.60E-02
	Sweetclover	AL	Aluminum	11	11	100	1.94E+01	6.32E+01	3.31E+01	1.47E+01	4.12E+01	4.12E+01	4.12E+01
	Sweetclover	AS	Arsenic	8	11	73	1.40E-01	9.30E-01	3.45E-01	2.19E-01	4.64E-01	4.64E-01	4.64E-01
	Sweetclover	BA	Barium	11	11	100	1.08E+01	5.99E+02	1.74E+02	2.01E+02	2.84E+02	2.84E+02	2.84E+02
	Sweetclover	BE	Beryllium	0	11	0	1.95E-03	2.00E-03	1.99E-03	0.00E+00	1.99E-03	2.00E-03	2.00E-03
	Sweetclover	BAANTR	Benzo[a]anthracene	0	11	0	2.50E-01	2.50E-01	2.50E-01	0.00E+00	0.00E+00	2.50E-01	2.50E-04
	Sweetclover	BKFANT	Benzo[k]fluoranthene	0	11	0	2.25E-01	2.25E-01	2.25E-01	0.00E+00	0.00E+00	2.25E-01	2.25E-04
	Sweetclover	CD	Cadmium	9	11	82	6.44E-02	7.30E-01	2.81E-01	1.79E-01	3.79E-01	3.79E-01	3.79E-01
	Sweetclover	CHRY	Chrysene	0	11	0	3.10E-01	3.10E-01	3.10E-01	0.00E+00	0.00E+00	3.10E-01	3.10E-04
	Sweetclover	CO	Cobalt	9	11	82	3.55E-02	5.40E-01	2.12E-01	1.71E-01	3.05E-01	3.05E-01	3.05E-01
	Sweetclover	CR	Chromium	11	11	100	1.90E-01	8.20E-01	3.35E-01	1.78E-01	4.32E-01	4.32E-01	4.32E-01
	Sweetclover	CU	Copper	11	11	100	1.70E+00	1.08E+01	4.18E+00	2.60E+00	5.60E+00	5.60E+00	5.60E+00
	Sweetclover	FE	Iron	11	11	100	2.38E+01	7.12E+01	4.15E+01	1.60E+01	5.03E+01	5.03E+01	5.03E+01
	Sweetclover	FANT	Fluoranthene	11	11	100	9.50E-01	2.50E+00	1.66E+00	4.55E-01	1.91E+00	1.91E+00	1.91E-03
	Sweetclover	HG	Mercury	10	11	91	5.00E-03	3.00E-02	1.23E-02	7.07E-03	1.61E-02	1.61E-02	1.61E-02
	Sweetclover	MN	Manganese	11	11	100	5.10E+00	1.35E+01	1.01E+01	2.45E+00	1.15E+01	1.15E+01	1.15E+01
	Sweetclover	NI	Nickel	11	11	100	2.70E-01	1.50E+00	5.51E-01	3.42E-01	7.38E-01	7.38E-01	7.38E-01
	Sweetclover	OCDD	Octachlorodibenzodioxin - nonspecific	8	11	73	7.66E-01	1.17E+02	1.41E+01	3.47E+01	3.31E+01	3.31E+01	3.31E-05

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-1 (cont.)	Sweetclover	OCDF	Octachlorodibenzofuran - nonspecific	7	11	64	2.08E-01	2.86E+00	9.50E-01	7.73E-01	1.37E+00	1.37E+00	1.37E-06
	Sweetclover	PB	Lead	11	11	100	6.40E-01	7.14E+01	1.53E+01	2.08E+01	2.66E+01	2.66E+01	2.66E+01
	Sweetclover	PHANTR	Phenanthrene	11	11	100	3.80E+00	8.70E+00	6.01E+00	1.39E+00	6.77E+00	6.77E+00	6.77E-03
	Sweetclover	PYR	Pyrene	11	11	100	3.50E-01	9.80E-01	7.15E-01	1.92E-01	8.20E-01	8.20E-01	8.20E-04
	Sweetclover	RDX	RDX / Cyclonite	2	11	18	1.95E+02	5.90E+03	1.05E+03	1.94E+03	2.11E+03	2.11E+03	2.11E+00
	Sweetclover	SB	Antimony	1	11	9	4.55E-01	1.60E+00	5.73E-01	3.41E-01	7.59E-01	7.59E-01	7.59E-01
	Sweetclover	SE	Selenium	0	11	0	2.85E-01	3.05E-01	2.97E-01	7.42E-03	3.01E-01	3.05E-01	3.05E-01
	Sweetclover	THPCDD	Total heptachlorodibenzo-p-dioxins	5	11	45	9.45E-02	4.79E+00	8.60E-01	1.33E+00	1.59E+00	1.59E+00	1.59E-06
	Sweetclover	THPCDF	Total heptachlorodibenzofurans	4	11	36	8.90E-02	7.40E-01	2.82E-01	2.03E-01	3.93E-01	3.93E-01	3.93E-07
	Sweetclover	THCDD	Total hexachlorodibenzo-p-dioxins	0	11	0	5.85E-02	6.37E-01	2.44E-01	1.90E-01	3.48E-01	6.37E-01	6.37E-07
	Sweetclover	THCDF	Total hexachlorodibenzofurans	7	11	64	6.80E-02	1.03E+00	3.39E-01	2.77E-01	4.91E-01	4.91E-01	4.91E-07
	Sweetclover	TPCDD	Total pentachlorodibenzo-p-dioxins	0	11	0	4.65E-02	5.48E-01	1.77E-01	1.51E-01	2.59E-01	5.48E-01	5.48E-07
	Sweetclover	TPCDF	Total pentachlorodibenzofurans	4	11	36	2.50E-02	3.92E-01	1.64E-01	1.13E-01	2.26E-01	2.26E-01	2.26E-07
	Sweetclover	TTCDD	Total tetrachlorodibenzo-p-dioxins	5	11	45	5.70E-02	9.43E-01	2.20E-01	2.58E-01	3.61E-01	3.61E-01	3.61E-07
	Sweetclover	TTCDF	Total tetrachlorodibenzofurans	9	11	82	9.60E-02	1.95E+00	6.21E-01	5.32E-01	9.11E-01	9.11E-01	9.11E-07
	Sweetclover	V	Vanadium	1	11	9	6.08E-02	1.40E-01	6.85E-02	2.37E-02	8.14E-02	8.14E-02	8.14E-02
	Sweetclover	ZN	Zinc	11	11	100	1.90E+00	1.36E+01	5.15E+00	3.26E+00	6.94E+00	6.94E+00	6.94E+00
ESA-2	Ambrosia	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1	1	100	1.03E+01	1.03E+01	1.03E+01	0.00E+00	0.00E+00	1.03E+01	1.03E-05
	Ambrosia	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	1	0	8.60E-02	8.60E-02	8.60E-02	0.00E+00	0.00E+00	8.60E-02	8.60E-08
	Ambrosia	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1	1	100	6.61E-01	6.61E-01	6.61E-01	0.00E+00	0.00E+00	6.61E-01	6.61E-07
	Ambrosia	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1	1	100	2.30E-01	2.30E-01	2.30E-01	0.00E+00	0.00E+00	2.30E-01	2.30E-07
	Ambrosia	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	1	0	1.32E-01	1.32E-01	1.32E-01	0.00E+00	0.00E+00	1.32E-01	1.32E-07
	Ambrosia	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1	1	100	8.02E-01	8.02E-01	8.02E-01	0.00E+00	0.00E+00	8.02E-01	8.02E-07
	Ambrosia	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	1	0	5.75E-02	5.75E-02	5.75E-02	0.00E+00	0.00E+00	5.75E-02	5.75E-08
	Ambrosia	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1	1	100	3.59E-01	3.59E-01	3.59E-01	0.00E+00	0.00E+00	3.59E-01	3.59E-07
	Ambrosia	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	1	0	5.75E-02	5.75E-02	5.75E-02	0.00E+00	0.00E+00	5.75E-02	5.75E-08
	Ambrosia	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	1	0	5.71E-01	5.71E-01	5.71E-01	0.00E+00	0.00E+00	5.71E-01	5.71E-07
	Ambrosia	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	1	0	7.70E-02	7.70E-02	7.70E-02	0.00E+00	0.00E+00	7.70E-02	7.70E-08
	Ambrosia	246TNT	2,4,6-Trinitrotoluene	0	1	0	7.00E+03	7.00E+03	7.00E+03	0.00E+00	0.00E+00	7.00E+03	7.00E+00
	Ambrosia	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	1	0	1.10E+03	1.10E+03	1.10E+03	0.00E+00	0.00E+00	1.10E+03	1.10E+00
	Ambrosia	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	1	0	2.21E-01	2.21E-01	2.21E-01	0.00E+00	0.00E+00	2.21E-01	2.21E-07
	Ambrosia	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	1	0	5.80E-02	5.80E-02	5.80E-02	0.00E+00	0.00E+00	5.80E-02	5.80E-08
	Ambrosia	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	1	0	5.30E-02	5.30E-02	5.30E-02	0.00E+00	0.00E+00	5.30E-02	5.30E-08
	Ambrosia	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	1	0	1.20E-01	1.20E-01	1.20E-01	0.00E+00	0.00E+00	1.20E-01	1.20E-07
	Ambrosia	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	1	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Ambrosia	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	1	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Ambrosia	AG	Silver	0	1	0	7.84E-02	7.84E-02	7.84E-02	0.00E+00	0.00E+00	7.84E-02	7.84E-02
	Ambrosia	AL	Aluminum	1	1	100	9.25E+01	9.25E+01	9.25E+01	0.00E+00	0.00E+00	9.25E+01	9.25E+01
	Ambrosia	AS	Arsenic	0	1	0	3.14E-01	3.14E-01	3.14E-01	0.00E+00	0.00E+00	3.14E-01	3.14E-01
	Ambrosia	BA	Barium	1	1	100	8.30E+00	8.30E+00	8.30E+00	0.00E+00	0.00E+00	8.30E+00	8.30E+00
	Ambrosia	BE	Beryllium	1	1	100	1.00E-02	1.00E-02	1.00E-02	0.00E+00	0.00E+00	1.00E-02	1.00E-02

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-2 (cont.)	Ambrosia	BAANTR	Benzo[a]anthracene	0	1	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Ambrosia	BKFANT	Benzo[k]fluoranthene	1	1	100	5.70E+00	5.70E+00	5.70E+00	0.00E+00	0.00E+00	5.70E+00	5.70E-03
	Ambrosia	CD	Cadmium	0	1	0	2.04E-01	2.04E-01	2.04E-01	0.00E+00	0.00E+00	2.04E-01	2.04E-01
	Ambrosia	CHRY	Chrysene	1	1	100	8.40E+00	8.40E+00	8.40E+00	0.00E+00	0.00E+00	8.40E+00	8.40E-03
	Ambrosia	CO	Cobalt	1	1	100	8.00E-02	8.00E-02	8.00E-02	0.00E+00	0.00E+00	8.00E-02	8.00E-02
	Ambrosia	CR	Chromium	1	1	100	4.80E-01	4.80E-01	4.80E-01	0.00E+00	0.00E+00	4.80E-01	4.80E-01
	Ambrosia	CU	Copper	1	1	100	9.10E+00	9.10E+00	9.10E+00	0.00E+00	0.00E+00	9.10E+00	9.10E+00
	Ambrosia	FE	Iron	1	1	100	1.02E+02	1.02E+02	1.02E+02	0.00E+00	0.00E+00	1.02E+02	1.02E+02
	Ambrosia	FANT	Fluoranthene	1	1	100	2.10E+01	2.10E+01	2.10E+01	0.00E+00	0.00E+00	2.10E+01	2.10E-02
	Ambrosia	HG	Mercury	0	1	0	7.75E-03	7.75E-03	7.75E-03	0.00E+00	0.00E+00	7.75E-03	7.75E-03
	Ambrosia	MN	Manganese	1	1	100	9.50E+00	9.50E+00	9.50E+00	0.00E+00	0.00E+00	9.50E+00	9.50E+00
	Ambrosia	NI	Nickel	1	1	100	2.60E+00	2.60E+00	2.60E+00	0.00E+00	0.00E+00	2.60E+00	2.60E+00
	Ambrosia	OCDD	Octachlorodibenzodioxin - nonspecific	1	1	100	3.02E+01	3.02E+01	3.02E+01	0.00E+00	0.00E+00	3.02E+01	3.02E-05
	Ambrosia	OCDF	Octachlorodibenzofuran - nonspecific	1	1	100	1.27E+00	1.27E+00	1.27E+00	0.00E+00	0.00E+00	1.27E+00	1.27E-06
	Ambrosia	PB	Lead	1	1	100	3.70E-01	3.70E-01	3.70E-01	0.00E+00	0.00E+00	3.70E-01	3.70E-01
	Ambrosia	PHANTR	Phenanthrene	1	1	100	1.80E+01	1.80E+01	1.80E+01	0.00E+00	0.00E+00	1.80E+01	1.80E-02
	Ambrosia	PYR	Pyrene	1	1	100	1.70E+01	1.70E+01	1.70E+01	0.00E+00	0.00E+00	1.70E+01	1.70E-02
	Ambrosia	RDX	RDX / Cyclonite	0	1	0	3.95E+03	3.95E+03	3.95E+03	0.00E+00	0.00E+00	3.95E+03	3.95E+00
	Ambrosia	SB	Antimony	0	1	0	1.60E-01	1.60E-01	1.60E-01	0.00E+00	0.00E+00	1.60E-01	1.60E-01
	Ambrosia	SE	Selenium	0	1	0	2.82E-01	2.82E-01	2.82E-01	0.00E+00	0.00E+00	2.82E-01	2.82E-01
	Ambrosia	THPCDD	Total heptachlorodibenzo-p-dioxins	1	1	100	1.89E+01	1.89E+01	1.89E+01	0.00E+00	0.00E+00	1.89E+01	1.89E-05
	Ambrosia	THPCDF	Total heptachlorodibenzofurans	1	1	100	9.24E-01	9.24E-01	9.24E-01	0.00E+00	0.00E+00	9.24E-01	9.24E-07
	Ambrosia	THCDD	Total hexachlorodibenzo-p-dioxins	1	1	100	7.09E+00	7.09E+00	7.09E+00	0.00E+00	0.00E+00	7.09E+00	7.09E-06
	Ambrosia	THCDF	Total hexachlorodibenzofurans	1	1	100	1.76E+00	1.76E+00	1.76E+00	0.00E+00	0.00E+00	1.76E+00	1.76E-06
	Ambrosia	TPCDD	Total pentachlorodibenzo-p-dioxins	1	1	100	5.99E-01	5.99E-01	5.99E-01	0.00E+00	0.00E+00	5.99E-01	5.99E-07
	Ambrosia	TPCDF	Total pentachlorodibenzofurans	1	1	100	7.65E-01	7.65E-01	7.65E-01	0.00E+00	0.00E+00	7.65E-01	7.65E-07
	Ambrosia	TTCDD	Total tetrachlorodibenzo-p-dioxins	0	1	0	5.30E-02	5.30E-02	5.30E-02	0.00E+00	0.00E+00	5.30E-02	5.30E-08
	Ambrosia	TTCDF	Total tetrachlorodibenzofurans	1	1	100	2.40E-01	2.40E-01	2.40E-01	0.00E+00	0.00E+00	2.40E-01	2.40E-07
	Ambrosia	V	Vanadium	1	1	100	1.50E-01	1.50E-01	1.50E-01	0.00E+00	0.00E+00	1.50E-01	1.50E-01
	Ambrosia	ZN	Zinc	1	1	100	3.75E+01	3.75E+01	3.75E+01	0.00E+00	0.00E+00	3.75E+01	3.75E+01
	Beetle	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3	3	100	1.69E+01	3.44E+01	2.33E+01	9.64E+00	3.95E+01	3.44E+01	3.44E-05
	Beetle	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1	3	33	4.25E-01	1.31E+01	4.68E+00	7.31E+00	1.70E+01	1.31E+01	1.31E-05
	Beetle	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2	3	67	6.16E-01	1.08E+00	8.07E-01	2.46E-01	1.22E+00	1.08E+00	1.08E-06
	Beetle	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2	3	67	3.18E-01	9.00E-01	5.47E-01	3.10E-01	1.07E+00	9.00E-01	9.00E-07
	Beetle	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	3	0	2.02E-01	9.11E-01	6.37E-01	3.81E-01	1.28E+00	9.11E-01	9.11E-07
	Beetle	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3	3	100	1.27E+00	1.69E+00	1.49E+00	2.13E-01	1.85E+00	1.69E+00	1.69E-06
	Beetle	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1	3	33	4.50E-02	1.75E+00	7.03E-01	9.13E-01	2.24E+00	1.75E+00	1.75E-06
	Beetle	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	3	0	4.10E-01	5.13E-01	4.46E-01	5.81E-02	5.44E-01	5.13E-01	5.13E-07
	Beetle	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	3	0	6.95E-02	3.79E-01	2.44E-01	1.58E-01	5.10E-01	3.79E-01	3.79E-07
	Beetle	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1	3	33	4.65E-01	1.50E+00	8.45E-01	5.67E-01	1.80E+00	1.50E+00	1.50E-06
	Beetle	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	3	0	9.55E-02	4.29E-01	3.10E-01	1.86E-01	6.24E-01	4.29E-01	4.29E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-2 (cont.)	Beetle	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1	3	33	9.45E-02	3.69E+00	1.39E+00	2.00E+00	4.76E+00	3.69E+00	3.69E-06
	Beetle	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	2	3	67	2.59E-01	1.59E+00	7.09E-01	7.60E-01	1.99E+00	1.59E+00	1.59E-06
	Beetle	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1	3	33	2.56E-01	3.27E-01	2.93E-01	3.54E-02	3.53E-01	3.27E-01	3.27E-07
	Beetle	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	3	0	5.50E-02	2.82E-01	1.87E-01	1.18E-01	3.85E-01	2.82E-01	2.82E-07
	Beetle	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	2	4	50	4.30E-01	6.40E+01	1.95E+01	3.03E+01	5.51E+01	5.51E+01	5.51E-02
	Beetle	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	3	4	75	2.15E-01	5.20E+00	2.33E+00	2.13E+00	4.83E+00	4.83E+00	4.83E-03
	Beetle	AG	Silver	0	5	0	4.13E-02	4.20E-02	4.17E-02	0.00E+00	4.17E-02	4.20E-02	4.20E-02
	Beetle	AL	Aluminum	5	5	100	3.76E+01	1.35E+02	7.34E+01	3.77E+01	1.09E+02	1.09E+02	1.09E+02
	Beetle	AS	Arsenic	5	5	100	4.00E-01	2.90E+00	1.68E+00	9.60E-01	2.60E+00	2.60E+00	2.60E+00
	Beetle	BA	Barium	5	5	100	1.90E+00	1.00E+01	4.82E+00	3.43E+00	8.09E+00	8.09E+00	8.09E+00
	Beetle	BE	Beryllium	1	5	20	1.95E-03	1.00E-02	3.59E-03	3.16E-03	6.61E-03	6.61E-03	6.61E-03
	Beetle	CD	Cadmium	5	5	100	1.90E-01	9.10E-01	3.92E-01	3.04E-01	6.82E-01	6.82E-01	6.82E-01
	Beetle	CO	Cobalt	5	5	100	7.00E-02	1.60E-01	1.00E-01	3.74E-02	1.36E-01	1.36E-01	1.36E-01
	Beetle	CR	Chromium	5	5	100	2.70E-01	5.10E-01	3.68E-01	1.10E-01	4.73E-01	4.73E-01	4.73E-01
	Beetle	CU	Copper	5	5	100	7.00E+00	1.05E+01	7.88E+00	1.48E+00	9.29E+00	9.29E+00	9.29E+00
	Beetle	FE	Iron	5	5	100	6.97E+01	1.50E+02	9.77E+01	3.17E+01	1.28E+02	1.28E+02	1.28E+02
	Beetle	HG	Mercury	5	5	100	2.00E-02	3.00E-02	2.20E-02	3.87E-03	2.57E-02	2.57E-02	2.57E-02
	Beetle	MN	Manganese	5	5	100	5.70E+00	1.44E+01	8.18E+00	3.55E+00	1.16E+01	1.16E+01	1.16E+01
	Beetle	NI	Nickel	3	5	60	1.94E-01	8.70E-01	4.22E-01	2.76E-01	6.85E-01	6.85E-01	6.85E-01
	Beetle	OCDD	Octachlorodibenzodioxin - nonspecific	2	3	67	1.27E+00	6.50E+01	2.31E+01	3.63E+01	8.43E+01	6.50E+01	6.50E-05
	Beetle	OCDF	Octachlorodibenzofuran - nonspecific	1	3	33	2.62E-01	6.96E+00	3.24E+00	3.41E+00	8.99E+00	6.96E+00	6.96E-06
	Beetle	PB	Lead	5	5	100	5.70E-01	1.41E+01	3.43E+00	5.97E+00	9.12E+00	9.12E+00	9.12E+00
	Beetle	SB	Antimony	3	5	60	1.02E-01	2.80E-01	1.97E-01	8.72E-02	2.80E-01	2.80E-01	2.80E-01
	Beetle	SE	Selenium	4	5	80	5.00E-02	1.90E-01	1.30E-01	5.43E-02	1.82E-01	1.82E-01	1.82E-01
	Beetle	THPCDD	Total heptachlorodibenzo-p-dioxins	3	3	100	2.85E+01	3.44E+01	3.08E+01	3.13E+00	3.61E+01	3.44E+01	3.44E-05
	Beetle	THPCDF	Total heptachlorodibenzofurans	1	3	33	5.00E-01	1.31E+01	4.78E+00	7.23E+00	1.70E+01	1.31E+01	1.31E-05
	Beetle	THCDD	Total hexachlorodibenzo-p-dioxins	3	3	100	4.08E+00	9.04E+00	6.97E+00	2.58E+00	1.13E+01	9.04E+00	9.04E-06
	Beetle	THCDF	Total hexachlorodibenzofurans	3	3	100	1.02E+00	2.63E+01	1.02E+01	1.40E+01	3.38E+01	2.63E+01	2.63E-05
	Beetle	TPCDD	Total pentachlorodibenzo-p-dioxins	1	3	33	4.10E-01	2.30E+00	1.08E+00	1.07E+00	2.87E+00	2.30E+00	2.30E-06
	Beetle	TPCDF	Total pentachlorodibenzofurans	2	3	67	2.71E-01	7.49E+01	2.55E+01	4.28E+01	9.76E+01	7.49E+01	7.49E-05
	Beetle	TTCDD	Total tetrachlorodibenzo-p-dioxins	1	3	33	2.56E-01	8.74E-01	4.85E-01	3.38E-01	1.06E+00	8.74E-01	8.74E-07
	Beetle	TTCDF	Total tetrachlorodibenzofurans	2	3	67	2.23E-01	2.36E+01	8.10E+00	1.34E+01	3.07E+01	2.36E+01	2.36E-05
	Beetle	V	Vanadium	3	5	60	3.44E-02	1.90E-01	9.99E-02	6.75E-02	1.64E-01	1.64E-01	1.64E-01
	Beetle	ZN	Zinc	5	5	100	3.58E+01	5.30E+01	4.43E+01	6.16E+00	5.02E+01	5.02E+01	5.02E+01
	Grasshopper	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5	13	38	1.40E-01	3.90E+00	1.61E+00	1.11E+00	2.16E+00	2.16E+00	2.16E-06
	Grasshopper	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	13	0	5.50E-02	1.25E+00	6.08E-01	4.32E-01	8.22E-01	1.25E+00	1.25E-06
	Grasshopper	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	13	0	9.90E-02	1.83E+00	7.99E-01	5.46E-01	1.07E+00	1.83E+00	1.83E-06
	Grasshopper	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1	13	8	7.60E-02	9.74E-01	5.11E-01	3.18E-01	6.68E-01	6.68E-01	6.68E-07
	Grasshopper	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	13	0	9.05E-02	1.71E+00	8.30E-01	5.90E-01	1.12E+00	1.71E+00	1.71E-06
	Grasshopper	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	13	0	9.65E-02	1.78E+00	7.81E-01	5.34E-01	1.04E+00	1.78E+00	1.78E-06
	Grasshopper	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	13	0	5.70E-02	7.33E-01	3.83E-01	2.40E-01	5.02E-01	7.33E-01	7.33E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-2 (cont.)	Grasshopper	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	12	0	9.70E-02	8.01E-01	4.76E-01	2.85E-01	6.23E-01	8.01E-01	8.01E-07
	Grasshopper	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	12	0	7.25E-02	5.33E-01	3.24E-01	1.90E-01	4.23E-01	5.33E-01	5.33E-07
	Grasshopper	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	13	0	8.75E-02	1.61E+00	7.07E-01	4.83E-01	9.46E-01	1.61E+00	1.61E-06
	Grasshopper	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	13	0	7.25E-02	9.32E-01	4.87E-01	3.06E-01	6.38E-01	9.32E-01	9.32E-07
	Grasshopper	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	13	0	9.20E-02	9.22E-01	4.96E-01	2.84E-01	6.36E-01	9.22E-01	9.22E-07
	Grasshopper	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	13	0	6.60E-02	1.68E+00	4.02E-01	4.19E-01	6.09E-01	1.68E+00	1.68E-06
	Grasshopper	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	12	0	8.30E-02	4.82E-01	2.78E-01	1.53E-01	3.57E-01	4.82E-01	4.82E-07
	Grasshopper	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	12	0	7.25E-02	4.17E-01	2.42E-01	1.32E-01	3.10E-01	4.17E-01	4.17E-07
	Grasshopper	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	13	0	4.30E-01	3.90E+00	8.22E-01	1.03E+00	1.33E+00	3.90E+00	3.90E-03
	Grasshopper	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1	13	8	2.15E-01	2.70E+00	5.40E-01	8.07E-01	9.38E-01	9.38E-01	9.38E-04
	Grasshopper	AG	Silver	3	14	21	4.13E-02	1.00E-01	5.34E-02	2.36E-02	6.46E-02	6.46E-02	6.46E-02
	Grasshopper	AL	Aluminum	14	14	100	2.25E+01	8.12E+01	3.91E+01	1.76E+01	4.74E+01	4.74E+01	4.74E+01
	Grasshopper	AS	Arsenic	3	14	21	8.72E-02	2.80E-01	1.19E-01	6.25E-02	1.49E-01	1.49E-01	1.49E-01
	Grasshopper	BA	Barium	14	14	100	1.60E+00	5.90E+00	2.72E+00	1.10E+00	3.24E+00	3.24E+00	3.24E+00
	Grasshopper	BE	Beryllium	2	14	14	1.95E-03	1.00E-02	3.13E-03	2.77E-03	4.44E-03	4.44E-03	4.44E-03
	Grasshopper	CD	Cadmium	14	14	100	1.70E-01	7.90E-01	3.46E-01	1.74E-01	4.28E-01	4.28E-01	4.28E-01
	Grasshopper	CO	Cobalt	9	14	64	3.28E-02	1.40E-01	6.89E-02	3.50E-02	8.55E-02	8.55E-02	8.55E-02
	Grasshopper	CR	Chromium	14	14	100	1.80E-01	3.00E-01	2.43E-01	3.20E-02	2.58E-01	2.58E-01	2.58E-01
	Grasshopper	CU	Copper	14	14	100	2.04E+01	3.95E+01	3.02E+01	6.63E+00	3.33E+01	3.33E+01	3.33E+01
	Grasshopper	FE	Iron	14	14	100	4.17E+01	9.55E+01	5.65E+01	1.65E+01	6.43E+01	6.43E+01	6.43E+01
	Grasshopper	HG	Mercury	8	14	57	4.75E-03	2.00E-02	9.23E-03	5.26E-03	1.17E-02	1.17E-02	1.17E-02
	Grasshopper	MN	Manganese	11	14	79	1.97E+00	8.00E+00	4.51E+00	1.78E+00	5.35E+00	5.35E+00	5.35E+00
	Grasshopper	NI	Nickel	1	14	7	1.94E-01	5.10E-01	2.18E-01	8.41E-02	2.58E-01	2.58E-01	2.58E-01
	Grasshopper	OCDD	Octachlorodibenzodioxin - nonspecific	5	13	38	1.57E+00	3.28E+01	5.56E+00	8.44E+00	9.74E+00	9.74E+00	9.74E-06
	Grasshopper	OCDF	Octachlorodibenzofuran - nonspecific	1	13	8	1.90E-01	5.10E+00	2.48E+00	1.88E+00	3.41E+00	3.41E+00	3.41E-06
	Grasshopper	PB	Lead	12	14	86	1.48E-01	1.20E+00	5.30E-01	2.91E-01	6.68E-01	6.68E-01	6.68E-01
	Grasshopper	SB	Antimony	7	14	50	9.72E-02	2.90E-01	1.81E-01	8.53E-02	2.21E-01	2.21E-01	2.21E-01
	Grasshopper	SE	Selenium	12	14	86	4.63E-02	6.00E-01	1.73E-01	1.32E-01	2.36E-01	2.36E-01	2.36E-01
	Grasshopper	THPCDD	Total heptachlorodibenzo-p-dioxins	7	13	54	2.24E-01	3.90E+00	1.70E+00	1.16E+00	2.27E+00	2.27E+00	2.27E-06
	Grasshopper	THPCDF	Total heptachlorodibenzofurans	0	13	0	5.50E-02	1.44E+00	7.00E-01	5.01E-01	9.48E-01	1.44E+00	1.44E-06
	Grasshopper	THCDD	Total hexachlorodibenzo-p-dioxins	0	13	0	9.40E-02	1.74E+00	7.60E-01	5.19E-01	1.02E+00	1.74E+00	1.74E-06
	Grasshopper	THCDF	Total hexachlorodibenzofurans	1	13	8	8.75E-02	8.80E-01	4.68E-01	2.78E-01	6.05E-01	6.05E-01	6.05E-07
	Grasshopper	TPCDD	Total pentachlorodibenzo-p-dioxins	0	12	0	9.70E-02	8.01E-01	4.76E-01	2.85E-01	6.23E-01	8.01E-01	8.01E-07
	Grasshopper	TPCDF	Total pentachlorodibenzofurans	0	12	0	6.90E-02	5.09E-01	3.09E-01	1.82E-01	4.03E-01	5.09E-01	5.09E-07
	Grasshopper	TTCDD	Total tetrachlorodibenzo-p-dioxins	0	12	0	8.30E-02	4.82E-01	2.78E-01	1.53E-01	3.57E-01	4.82E-01	4.82E-07
	Grasshopper	TTCDF	Total tetrachlorodibenzofurans	0	12	0	7.25E-02	4.17E-01	2.42E-01	1.32E-01	3.10E-01	4.17E-01	4.17E-07
	Grasshopper	V	Vanadium	5	14	36	3.44E-02	1.40E-01	5.95E-02	3.79E-02	7.75E-02	7.75E-02	7.75E-02
	Grasshopper	ZN	Zinc	14	14	100	5.20E+01	6.16E+01	5.83E+01	2.67E+00	5.95E+01	5.95E+01	5.95E+01
	Gumweed	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4	10	40	5.50E-02	2.49E+01	3.94E+00	7.59E+00	8.34E+00	8.34E+00	8.34E-06
	Gumweed	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	3	10	30	6.40E-02	1.00E+01	1.34E+00	3.06E+00	3.12E+00	3.12E+00	3.12E-06
	Gumweed	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	10	0	5.40E-02	7.06E-01	3.69E-01	2.32E-01	5.03E-01	7.06E-01	7.06E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-2 (cont.)	Gumweed	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1	10	10	2.95E-02	2.03E+00	3.68E-01	5.97E-01	7.14E-01	7.14E-01	7.14E-07
	Gumweed	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	10	0	4.85E-02	7.00E-01	3.73E-01	2.37E-01	5.11E-01	7.00E-01	7.00E-07
	Gumweed	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2	10	20	4.50E-02	1.26E+00	4.35E-01	3.36E-01	6.30E-01	6.30E-01	6.30E-07
	Gumweed	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1	10	10	2.35E-02	3.03E-01	1.64E-01	9.51E-02	2.19E-01	2.19E-01	2.19E-07
	Gumweed	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	10	0	3.95E-02	4.34E-01	2.34E-01	1.44E-01	3.18E-01	4.34E-01	4.34E-07
	Gumweed	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	10	0	2.10E-02	2.60E-01	1.33E-01	8.39E-02	1.81E-01	2.60E-01	2.60E-07
	Gumweed	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1	10	10	4.90E-02	6.40E-01	3.48E-01	1.95E-01	4.61E-01	4.61E-01	4.61E-07
	Gumweed	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	10	0	3.15E-02	4.07E-01	2.13E-01	1.36E-01	2.91E-01	4.07E-01	4.07E-07
	Gumweed	246TNT	2,4,6-Trinitrotoluene	0	10	0	6.00E+03	7.00E+03	6.80E+03	4.22E+02	7.04E+03	7.00E+03	7.00E+00
	Gumweed	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	10	0	1.10E+03	1.10E+03	1.10E+03	0.00E+00	0.00E+00	1.10E+03	1.10E+00
	Gumweed	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	10	0	2.80E-02	3.65E-01	2.43E-01	1.00E-01	3.01E-01	3.65E-01	3.65E-07
	Gumweed	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	10	0	2.00E-02	2.51E-01	1.28E-01	8.11E-02	1.75E-01	2.51E-01	2.51E-07
	Gumweed	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	10	0	2.55E-02	2.96E-01	1.55E-01	9.62E-02	2.11E-01	2.96E-01	2.96E-07
	Gumweed	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	10	0	9.45E-02	2.23E-01	1.79E-01	4.50E-02	2.05E-01	2.23E-01	2.23E-07
	Gumweed	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	10	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	10	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Gumweed	AG	Silver	0	10	0	7.81E-02	7.90E-02	7.88E-02	0.00E+00	7.88E-02	7.90E-02	7.90E-02
	Gumweed	AL	Aluminum	9	10	90	4.02E+01	4.11E+02	1.78E+02	1.08E+02	2.41E+02	2.41E+02	2.41E+02
	Gumweed	AS	Arsenic	2	10	20	3.03E-01	1.10E+00	4.39E-01	2.80E-01	6.02E-01	6.02E-01	6.02E-01
	Gumweed	BA	Barium	10	10	100	2.60E+00	1.20E+02	2.49E+01	3.44E+01	4.48E+01	4.48E+01	4.48E+01
	Gumweed	BE	Beryllium	0	10	0	2.95E-03	3.00E-03	3.00E-03	0.00E+00	3.00E-03	3.00E-03	3.00E-03
	Gumweed	BAANTR	Benzo[a]anthracene	0	10	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BKFANT	Benzo[k]fluoranthene	0	10	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CD	Cadmium	4	10	40	1.97E-01	1.01E+01	2.20E+00	3.33E+00	4.13E+00	4.13E+00	4.13E+00
	Gumweed	CHRY	Chrysene	3	10	30	3.45E-01	9.80E-01	5.04E-01	2.66E-01	6.58E-01	6.58E-01	6.58E-04
	Gumweed	CO	Cobalt	6	10	60	3.86E-02	2.30E-01	8.15E-02	5.75E-02	1.15E-01	1.15E-01	1.15E-01
	Gumweed	CR	Chromium	10	10	100	2.00E-01	1.30E+00	4.24E-01	3.17E-01	6.08E-01	6.08E-01	6.08E-01
	Gumweed	CU	Copper	10	10	100	4.30E+00	5.36E+01	1.29E+01	1.46E+01	2.14E+01	2.14E+01	2.14E+01
	Gumweed	FE	Iron	9	10	90	3.07E+01	2.86E+02	1.47E+02	6.95E+01	1.87E+02	1.87E+02	1.87E+02
	Gumweed	FANT	Fluoranthene	2	10	20	1.80E+00	4.60E+00	2.29E+00	1.05E+00	2.90E+00	2.90E+00	2.90E-03
	Gumweed	HG	Mercury	0	10	0	9.70E-03	1.00E-02	9.84E-03	0.00E+00	9.84E-03	1.00E-02	1.00E-02
	Gumweed	MN	Manganese	10	10	100	7.00E+00	2.72E+01	1.98E+01	5.58E+00	2.30E+01	2.30E+01	2.30E+01
	Gumweed	NI	Nickel	10	10	100	4.40E-01	1.50E+00	6.44E-01	3.24E-01	8.32E-01	8.32E-01	8.32E-01
	Gumweed	OCDD	Octachlorodibenzodioxin - nonspecific	7	10	70	6.51E-01	1.81E+02	2.22E+01	5.60E+01	5.46E+01	5.46E+01	5.46E-05
	Gumweed	OCDF	Octachlorodibenzofuran - nonspecific	5	10	50	1.41E-01	1.87E+01	3.80E+00	6.00E+00	7.28E+00	7.28E+00	7.28E-06
	Gumweed	PB	Lead	10	10	100	4.00E-01	1.47E+02	1.84E+01	4.60E+01	4.51E+01	4.51E+01	4.51E+01
	Gumweed	PHANTR	Phenanthrene	7	10	70	1.70E+00	2.10E+01	9.56E+00	6.65E+00	1.34E+01	1.34E+01	1.34E-02
	Gumweed	PYR	Pyrene	2	10	20	9.00E-01	2.40E+00	1.19E+00	6.12E-01	1.54E+00	1.54E+00	1.54E-03
	Gumweed	RDX	RDX / Cyclonite	1	10	10	3.60E+03	1.40E+05	1.75E+04	4.30E+04	4.25E+04	4.25E+04	4.25E+01
	Gumweed	SB	Antimony	1	10	10	1.59E-01	3.40E+00	4.86E-01	1.02E+00	1.08E+00	1.08E+00	1.08E+00
	Gumweed	SE	Selenium	0	10	0	2.74E-01	2.85E-01	2.81E-01	3.94E-03	2.84E-01	2.85E-01	2.85E-01

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-2 (cont.)	Gumweed	THPCDD	Total heptachlorodibenzo-p-dioxins	5	10	50	5.17E-01	5.31E+01	7.82E+00	1.64E+01	1.73E+01	1.73E+01	1.73E-05
	Gumweed	THPCDF	Total heptachlorodibenzofurans	4	10	40	7.90E-02	1.00E+01	1.82E+00	3.10E+00	3.62E+00	3.62E+00	3.62E-06
	Gumweed	THCDD	Total hexachlorodibenzo-p-dioxins	5	10	50	3.71E-01	1.28E+01	2.36E+00	4.00E+00	4.68E+00	4.68E+00	4.68E-06
	Gumweed	THCDF	Total hexachlorodibenzofurans	6	10	60	2.11E-01	4.39E+00	1.17E+00	1.54E+00	2.06E+00	2.06E+00	2.06E-06
	Gumweed	TPCDD	Total pentachlorodibenzo-p-dioxins	1	10	10	3.95E-02	5.54E-01	2.73E-01	1.73E-01	3.74E-01	3.74E-01	3.74E-07
	Gumweed	TPCDF	Total pentachlorodibenzofurans	4	10	40	2.05E-02	1.49E+00	4.41E-01	4.97E-01	7.28E-01	7.28E-01	7.28E-07
	Gumweed	TTCDD	Total tetrachlorodibenzo-p-dioxins	2	10	20	4.30E-02	2.96E-01	1.78E-01	7.45E-02	2.22E-01	2.22E-01	2.22E-07
	Gumweed	TTCDF	Total tetrachlorodibenzofurans	3	10	30	9.45E-02	1.11E+00	3.67E-01	3.51E-01	5.71E-01	5.71E-01	5.71E-07
	Gumweed	V	Vanadium	5	10	50	5.39E-02	3.90E-01	1.57E-01	1.33E-01	2.34E-01	2.34E-01	2.34E-01
	Gumweed	ZN	Zinc	10	10	100	2.13E+01	1.54E+02	5.48E+01	5.16E+01	8.47E+01	8.47E+01	8.47E+01
	Rabbitbrush	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	6	15	40	7.00E-02	4.33E+01	6.93E+00	1.30E+01	1.28E+01	1.28E+01	1.28E-05
	Rabbitbrush	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	8	15	53	6.25E-02	2.61E+00	7.12E-01	8.84E-01	1.11E+00	1.11E+00	1.11E-06
	Rabbitbrush	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	3	15	20	5.35E-02	2.69E+00	4.50E-01	7.20E-01	7.77E-01	7.77E-01	7.77E-07
	Rabbitbrush	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2	15	13	3.20E-02	1.04E+00	1.60E-01	2.57E-01	2.77E-01	2.77E-01	2.77E-07
	Rabbitbrush	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1	15	7	5.65E-02	7.62E-01	1.85E-01	1.70E-01	2.62E-01	2.62E-01	2.62E-07
	Rabbitbrush	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3	15	20	4.40E-02	3.39E+00	5.24E-01	9.34E-01	9.49E-01	9.49E-01	9.49E-07
	Rabbitbrush	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2	15	13	2.40E-02	5.01E-01	1.00E-01	1.21E-01	1.55E-01	1.55E-01	1.55E-07
	Rabbitbrush	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	3	15	20	3.40E-02	1.80E+00	3.56E-01	4.73E-01	5.71E-01	5.71E-01	5.71E-07
	Rabbitbrush	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1	15	7	2.10E-02	1.44E-01	8.18E-02	3.64E-02	9.84E-02	9.84E-02	9.84E-08
	Rabbitbrush	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4	15	27	3.85E-02	6.06E+00	9.50E-01	1.73E+00	1.74E+00	1.74E+00	1.74E-06
	Rabbitbrush	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	15	0	3.25E-02	1.30E-01	7.86E-02	2.98E-02	9.22E-02	1.30E-01	1.30E-07
	Rabbitbrush	246TNT	2,4,6-Trinitrotoluene	4	15	27	2.40E+03	1.80E+04	4.83E+03	4.42E+03	6.84E+03	6.84E+03	6.84E+00
	Rabbitbrush	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	15	0	7.50E+02	7.50E+02	7.50E+02	0.00E+00	0.00E+00	7.50E+02	7.50E-01
	Rabbitbrush	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	6	15	40	4.35E-02	9.57E-01	2.51E-01	2.59E-01	3.69E-01	3.69E-01	3.69E-07
	Rabbitbrush	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1	15	7	2.15E-02	3.73E-01	9.46E-02	8.50E-02	1.33E-01	1.33E-01	1.33E-07
	Rabbitbrush	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2	15	13	1.95E-02	2.82E-01	9.24E-02	6.48E-02	1.22E-01	1.22E-01	1.22E-07
	Rabbitbrush	TCDF	2,3,7,8-Tetrachlorodibenzofuran	3	15	20	2.95E-02	1.00E+00	1.92E-01	2.91E-01	3.25E-01	3.25E-01	3.25E-07
	Rabbitbrush	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	4	15	27	1.70E+01	1.40E+02	3.85E+01	4.04E+01	5.69E+01	5.69E+01	5.69E-02
	Rabbitbrush	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	15	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Rabbitbrush	AG	Silver	0	15	0	7.94E-02	8.10E-02	8.02E-02	0.00E+00	8.02E-02	8.10E-02	8.10E-02
	Rabbitbrush	AL	Aluminum	15	15	100	2.15E+01	1.83E+02	8.08E+01	4.71E+01	1.02E+02	1.02E+02	1.02E+02
	Rabbitbrush	AS	Arsenic	13	15	87	1.18E-01	5.30E-01	3.42E-01	1.23E-01	3.98E-01	3.98E-01	3.98E-01
	Rabbitbrush	BA	Barium	15	15	100	1.90E+00	1.72E+01	6.19E+00	3.84E+00	7.94E+00	7.94E+00	7.94E+00
	Rabbitbrush	BE	Beryllium	0	15	0	2.95E-03	3.00E-03	2.97E-03	0.00E+00	2.97E-03	3.00E-03	3.00E-03
	Rabbitbrush	BAANTR	Benzo[a]anthracene	4	15	27	1.80E-01	4.90E+00	7.19E-01	1.29E+00	1.30E+00	1.30E+00	1.30E-03
	Rabbitbrush	BKFANT	Benzo[k]fluoranthene	2	15	13	4.05E-01	6.30E+00	9.98E-01	1.66E+00	1.75E+00	1.75E+00	1.75E-03
	Rabbitbrush	CD	Cadmium	12	15	80	5.10E-02	1.70E+00	3.86E-01	5.09E-01	6.18E-01	6.18E-01	6.18E-01
	Rabbitbrush	CHRY	Chrysene	9	15	60	4.15E-01	1.50E+01	2.97E+00	4.15E+00	4.86E+00	4.86E+00	4.86E-03
	Rabbitbrush	CO	Cobalt	3	15	20	4.71E-02	1.10E-01	5.87E-02	2.32E-02	6.93E-02	6.93E-02	6.93E-02
	Rabbitbrush	CR	Chromium	15	15	100	1.60E-01	6.60E-01	2.95E-01	1.43E-01	3.60E-01	3.60E-01	3.60E-01
	Rabbitbrush	CU	Copper	15	15	100	2.60E+00	1.23E+01	6.88E+00	2.72E+00	8.12E+00	8.12E+00	8.12E+00

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-2 (cont.)	Rabbitbrush	FE	Iron	15	15	100	2.72E+01	1.85E+02	9.16E+01	4.49E+01	1.12E+02	1.12E+02	1.12E+02
	Rabbitbrush	FANT	Fluoranthene	13	15	87	6.50E-01	3.80E+01	7.90E+00	1.08E+01	1.28E+01	1.28E+01	1.28E-02
	Rabbitbrush	HG	Mercury	5	15	33	4.95E-03	2.00E-02	7.32E-03	4.63E-03	9.42E-03	9.42E-03	9.42E-03
	Rabbitbrush	MN	Manganese	15	15	100	8.30E+00	6.00E+01	1.95E+01	1.42E+01	2.59E+01	2.59E+01	2.59E+01
	Rabbitbrush	NI	Nickel	14	15	93	1.08E-01	2.40E+00	8.60E-01	5.84E-01	1.13E+00	1.13E+00	1.13E+00
	Rabbitbrush	OCDD	Octachlorodibenzodioxin - nonspecific	8	15	53	2.30E-01	2.75E+02	3.96E+01	7.78E+01	7.49E+01	7.49E+01	7.49E-05
	Rabbitbrush	OCDF	Octachlorodibenzofuran - nonspecific	7	15	47	8.45E-02	1.52E+01	2.66E+00	4.12E+00	4.53E+00	4.53E+00	4.53E-06
	Rabbitbrush	PB	Lead	15	15	100	3.50E-01	7.09E+01	6.63E+00	1.81E+01	1.49E+01	1.49E+01	1.49E+01
	Rabbitbrush	PHANTR	Phenanthrene	13	15	87	1.85E+00	7.60E+01	2.57E+01	2.53E+01	3.72E+01	3.72E+01	3.72E-02
	Rabbitbrush	PYR	Pyrene	12	15	80	1.55E-01	2.90E+01	4.95E+00	8.07E+00	8.62E+00	8.62E+00	8.62E-03
	Rabbitbrush	RDX	RDX / Cyclonite	2	15	13	6.00E+03	9.40E+05	7.22E+04	2.40E+05	1.82E+05	1.82E+05	1.82E+02
	Rabbitbrush	SB	Antimony	1	15	7	2.41E-01	1.30E+00	3.23E-01	2.70E-01	4.46E-01	4.46E-01	4.46E-01
	Rabbitbrush	SE	Selenium	0	15	0	2.05E-01	2.25E-01	2.13E-01	5.92E-03	2.16E-01	2.25E-01	2.25E-01
	Rabbitbrush	THPCDD	Total heptachlorodibenzo-p-dioxins	6	15	40	7.00E-02	8.10E+01	1.26E+01	2.54E+01	2.42E+01	2.42E+01	2.42E-05
	Rabbitbrush	THPCDF	Total heptachlorodibenzofurans	8	15	53	7.60E-02	6.49E+00	1.44E+00	2.16E+00	2.42E+00	2.42E+00	2.42E-06
	Rabbitbrush	THCDD	Total hexachlorodibenzo-p-dioxins	6	15	40	4.45E-02	3.89E+01	5.69E+00	1.13E+01	1.08E+01	1.08E+01	1.08E-05
	Rabbitbrush	THCDF	Total hexachlorodibenzofurans	8	15	53	4.30E-02	6.76E+00	1.06E+00	1.81E+00	1.89E+00	1.89E+00	1.89E-06
	Rabbitbrush	TPCDD	Total pentachlorodibenzo-p-dioxins	2	15	13	3.40E-02	6.28E+00	9.93E-01	2.01E+00	1.91E+00	1.91E+00	1.91E-06
	Rabbitbrush	TPCDF	Total pentachlorodibenzofurans	7	15	47	3.70E-02	5.50E+00	9.43E-01	1.76E+00	1.74E+00	1.74E+00	1.74E-06
	Rabbitbrush	TTCDD	Total tetrachlorodibenzo-p-dioxins	4	15	27	3.55E-02	1.54E+00	2.34E-01	4.06E-01	4.18E-01	4.18E-01	4.18E-07
	Rabbitbrush	TTCDF	Total tetrachlorodibenzofurans	8	15	53	2.95E-02	9.41E+00	1.47E+00	2.52E+00	2.61E+00	2.61E+00	2.61E-06
	Rabbitbrush	V	Vanadium	11	15	73	3.92E-02	3.20E-01	1.17E-01	8.12E-02	1.54E-01	1.54E-01	1.54E-01
	Rabbitbrush	ZN	Zinc	15	15	100	5.90E+00	1.02E+02	2.90E+01	2.49E+01	4.03E+01	4.03E+01	4.03E+01
	Sweetclover	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3	5	60	2.87E-01	3.75E+01	9.48E+00	1.60E+01	2.47E+01	2.47E+01	2.47E-05
	Sweetclover	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	5	0	8.45E-02	1.12E+00	3.78E-01	4.25E-01	7.82E-01	1.12E+00	1.12E-06
	Sweetclover	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1	5	20	1.39E-01	2.43E+00	7.07E-01	9.69E-01	1.63E+00	1.63E+00	1.63E-06
	Sweetclover	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1	5	20	7.40E-02	1.16E+00	3.43E-01	4.62E-01	7.83E-01	7.83E-01	7.83E-07
	Sweetclover	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	5	0	1.38E-01	4.36E-01	3.15E-01	1.32E-01	4.41E-01	4.36E-01	4.36E-07
	Sweetclover	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2	5	40	1.16E-01	3.46E+00	9.41E-01	1.42E+00	2.30E+00	2.30E+00	2.30E-06
	Sweetclover	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1	5	20	5.90E-02	6.31E-01	2.14E-01	2.36E-01	4.39E-01	4.39E-01	4.39E-07
	Sweetclover	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	5	0	9.35E-02	2.15E-01	1.68E-01	5.75E-02	2.22E-01	2.15E-01	2.15E-07
	Sweetclover	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	5	0	5.40E-02	1.23E-01	9.61E-02	3.21E-02	1.27E-01	1.23E-01	1.23E-07
	Sweetclover	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2	5	40	1.26E-01	5.45E+00	1.41E+00	2.28E+00	3.59E+00	3.59E+00	3.59E-06
	Sweetclover	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	5	0	7.90E-02	2.00E-01	1.57E-01	5.63E-02	2.10E-01	2.00E-01	2.00E-07
	Sweetclover	246TNT	2,4,6-Trinitrotoluene	1	5	20	1.10E+02	2.70E+02	1.42E+02	7.16E+01	2.10E+02	2.10E+02	2.10E-01
	Sweetclover	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	5	0	6.50E+02	6.50E+02	6.50E+02	0.00E+00	0.00E+00	6.50E+02	6.50E-01
	Sweetclover	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1	5	20	7.10E-02	1.07E+00	3.19E-01	4.20E-01	7.20E-01	7.20E-01	7.20E-07
	Sweetclover	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	5	0	5.20E-02	1.19E-01	9.27E-02	3.11E-02	1.22E-01	1.19E-01	1.19E-07
	Sweetclover	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	5	0	6.25E-02	1.23E-01	9.71E-02	2.87E-02	1.24E-01	1.23E-01	1.23E-07
	Sweetclover	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	5	0	5.30E-02	4.01E-01	1.48E-01	1.43E-01	2.84E-01	4.01E-01	4.01E-07
	Sweetclover	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	5	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-2 (cont.)	Sweetclover	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	5	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
	Sweetclover	AG	Silver	0	5	0	3.53E-02	3.59E-02	3.57E-02	0.00E+00	3.57E-02	3.59E-02	3.59E-02
	Sweetclover	AL	Aluminum	4	5	80	5.62E+00	6.62E+01	4.46E+01	2.32E+01	6.67E+01	6.62E+01	6.62E+01
	Sweetclover	AS	Arsenic	5	5	100	3.10E-01	9.10E-01	5.68E-01	2.34E-01	7.91E-01	7.91E-01	7.91E-01
	Sweetclover	BA	Barium	5	5	100	8.10E+00	2.31E+01	1.39E+01	5.85E+00	1.95E+01	1.95E+01	1.95E+01
	Sweetclover	BE	Beryllium	0	5	0	1.95E-03	2.00E-03	1.99E-03	0.00E+00	1.99E-03	2.00E-03	2.00E-03
	Sweetclover	BAANTR	Benzo[a]anthracene	3	5	60	2.50E-01	1.20E+01	3.26E+00	4.96E+00	7.99E+00	7.99E+00	7.99E-03
	Sweetclover	BKFANT	Benzo[k]fluoranthene	4	5	80	2.25E-01	8.30E+00	2.79E+00	3.26E+00	5.89E+00	5.89E+00	5.89E-03
	Sweetclover	CD	Cadmium	3	5	60	6.13E-02	3.60E-01	1.71E-01	1.24E-01	2.90E-01	2.90E-01	2.90E-01
	Sweetclover	CHRY	Chrysene	4	5	80	3.10E-01	1.50E+01	5.70E+00	5.89E+00	1.13E+01	1.13E+01	1.13E-02
	Sweetclover	CO	Cobalt	4	5	80	3.59E-02	1.20E-01	8.52E-02	3.13E-02	1.15E-01	1.15E-01	1.15E-01
	Sweetclover	CR	Chromium	5	5	100	1.60E-01	3.40E-01	2.80E-01	7.87E-02	3.55E-01	3.40E-01	3.40E-01
	Sweetclover	CU	Copper	5	5	100	2.40E+00	4.20E+00	3.48E+00	7.26E-01	4.17E+00	4.17E+00	4.17E+00
	Sweetclover	FE	Iron	5	5	100	1.46E+01	8.23E+01	5.71E+01	2.63E+01	8.21E+01	8.21E+01	8.21E+01
	Sweetclover	FANT	Fluoranthene	5	5	100	1.00E+00	3.00E+01	1.18E+01	1.17E+01	2.29E+01	2.29E+01	2.29E-02
	Sweetclover	HG	Mercury	4	5	80	4.80E-03	1.00E-02	8.96E-03	2.24E-03	1.11E-02	1.00E-02	1.00E-02
	Sweetclover	MN	Manganese	5	5	100	5.90E+00	1.60E+01	1.03E+01	4.30E+00	1.44E+01	1.44E+01	1.44E+01
	Sweetclover	NI	Nickel	5	5	100	2.60E-01	1.10E+00	5.44E-01	3.27E-01	8.55E-01	8.55E-01	8.55E-01
	Sweetclover	OCDD	Octachlorodibenzodioxin - nonspecific	5	5	100	4.13E+00	9.77E+01	3.26E+01	3.78E+01	6.87E+01	6.87E+01	6.87E-05
	Sweetclover	OCDF	Octachlorodibenzofuran - nonspecific	0	5	0	2.13E-01	8.15E-01	5.59E-01	2.59E-01	8.05E-01	8.15E-01	8.15E-07
	Sweetclover	PB	Lead	5	5	100	3.30E-01	1.90E+00	9.42E-01	6.22E-01	1.54E+00	1.54E+00	1.54E+00
	Sweetclover	PHANTR	Phenanthrene	5	5	100	3.20E+00	1.50E+01	8.66E+00	4.79E+00	1.32E+01	1.32E+01	1.32E-02
	Sweetclover	PYR	Pyrene	5	5	100	3.10E-01	3.40E+01	1.07E+01	1.36E+01	2.37E+01	2.37E+01	2.37E-02
	Sweetclover	RDX	RDX / Cyclonite	0	5	0	2.00E+02	2.00E+02	2.00E+02	0.00E+00	0.00E+00	2.00E+02	2.00E-01
	Sweetclover	SB	Antimony	0	5	0	4.55E-01	4.76E-01	4.61E-01	8.66E-03	4.70E-01	4.76E-01	4.76E-01
	Sweetclover	SE	Selenium	0	5	0	2.85E-01	3.02E-01	2.95E-01	8.06E-03	3.02E-01	3.02E-01	3.02E-01
	Sweetclover	THPCDD	Total heptachlorodibenzo-p-dioxins	4	5	80	2.87E-01	6.60E+01	1.75E+01	2.78E+01	4.40E+01	4.40E+01	4.40E-05
	Sweetclover	THPCDF	Total heptachlorodibenzofurans	3	5	60	1.61E-01	5.47E+00	1.55E+00	2.23E+00	3.67E+00	3.67E+00	3.67E-06
	Sweetclover	THCDD	Total hexachlorodibenzo-p-dioxins	2	5	40	1.26E-01	3.21E+01	7.32E+00	1.39E+01	2.06E+01	2.06E+01	2.06E-05
	Sweetclover	THCDF	Total hexachlorodibenzofurans	2	5	40	7.00E-02	7.02E+00	1.60E+00	3.04E+00	4.50E+00	4.50E+00	4.50E-06
	Sweetclover	TPCDD	Total pentachlorodibenzo-p-dioxins	1	5	20	9.35E-02	8.34E+00	1.80E+00	3.66E+00	5.28E+00	5.28E+00	5.28E-06
	Sweetclover	TPCDF	Total pentachlorodibenzofurans	3	5	60	1.17E-01	4.05E+00	9.90E-01	1.72E+00	2.63E+00	2.63E+00	2.63E-06
	Sweetclover	TTCDD	Total tetrachlorodibenzo-p-dioxins	1	5	20	6.25E-02	7.89E-01	2.32E-01	3.12E-01	5.30E-01	5.30E-01	5.30E-07
	Sweetclover	TTCDF	Total tetrachlorodibenzofurans	2	5	40	5.30E-02	2.23E+00	6.55E-01	9.32E-01	1.54E+00	1.54E+00	1.54E-06
	Sweetclover	V	Vanadium	0	5	0	6.08E-02	6.18E-02	6.15E-02	0.00E+00	6.15E-02	6.18E-02	6.18E-02
	Sweetclover	ZN	Zinc	5	5	100	2.30E+00	1.20E+01	7.88E+00	3.78E+00	1.15E+01	1.15E+01	1.15E+01
RSA	Beetle	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	2	0	2.45E-01	3.05E-01	2.75E-01	4.24E-02	4.64E-01	3.05E-01	3.05E-07
	Beetle	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	2	0	1.73E-01	1.97E-01	1.85E-01	1.67E-02	2.60E-01	1.97E-01	1.97E-07
	Beetle	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	2	0	2.08E-01	2.65E-01	2.37E-01	4.02E-02	4.16E-01	2.65E-01	2.65E-07
	Beetle	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	2	0	1.56E-01	1.64E-01	1.60E-01	6.32E-03	1.88E-01	1.64E-01	1.64E-07
	Beetle	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	2	0	2.36E-01	2.69E-01	2.53E-01	2.32E-02	3.56E-01	2.69E-01	2.69E-07

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Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
RSA (cont.)	Beetle	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	2	0	2.03E-01	2.59E-01	2.31E-01	3.95E-02	4.07E-01	2.59E-01	2.59E-07
	Beetle	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	2	0	1.17E-01	1.24E-01	1.20E-01	4.47E-03	1.40E-01	1.24E-01	1.24E-07
	Beetle	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	2	0	1.90E-01	4.86E-01	3.38E-01	2.09E-01	1.27E+00	4.86E-01	4.86E-07
	Beetle	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	2	0	1.33E-01	3.23E-01	2.28E-01	1.34E-01	8.28E-01	3.23E-01	3.23E-07
	Beetle	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	2	0	1.84E-01	2.35E-01	2.09E-01	3.58E-02	3.69E-01	2.35E-01	2.35E-07
	Beetle	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	2	0	1.49E-01	1.57E-01	1.53E-01	6.32E-03	1.81E-01	1.57E-01	1.57E-07
	Beetle	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	2	0	2.50E-02	8.00E-02	5.25E-02	3.90E-02	2.27E-01	8.00E-02	8.00E-08
	Beetle	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	2	0	1.22E-01	2.95E-01	2.08E-01	1.23E-01	7.56E-01	2.95E-01	2.95E-07
	Beetle	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	2	0	1.33E-01	4.26E-01	2.79E-01	2.07E-01	1.20E+00	4.26E-01	4.26E-07
	Beetle	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	2	0	1.16E-01	3.30E-01	2.23E-01	1.51E-01	8.98E-01	3.30E-01	3.30E-07
	Beetle	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	3	3	100	2.00E+00	5.50E+00	3.53E+00	1.79E+00	6.55E+00	5.50E+00	5.50E-03
	Beetle	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	3	0	2.15E-01	2.15E-01	2.15E-01	0.00E+00	0.00E+00	2.15E-01	2.15E-04
	Beetle	AG	Silver	0	3	0	4.15E-02	4.19E-02	4.18E-02	0.00E+00	4.18E-02	4.19E-02	4.19E-02
	Beetle	AL	Aluminum	3	3	100	1.56E+02	1.94E+02	1.74E+02	1.91E+01	2.06E+02	1.94E+02	1.94E+02
	Beetle	AS	Arsenic	3	3	100	3.50E-01	4.80E-01	4.23E-01	6.66E-02	5.36E-01	4.80E-01	4.80E-01
	Beetle	BA	Barium	3	3	100	2.00E+00	2.60E+00	2.27E+00	3.05E-01	2.78E+00	2.60E+00	2.60E+00
	Beetle	BE	Beryllium	3	3	100	1.00E-02	1.00E-02	1.00E-02	0.00E+00	0.00E+00	1.00E-02	1.00E-02
	Beetle	CD	Cadmium	3	3	100	1.10E-01	1.50E-01	1.37E-01	2.31E-02	1.76E-01	1.50E-01	1.50E-01
	Beetle	CO	Cobalt	3	3	100	1.20E-01	1.50E-01	1.40E-01	1.73E-02	1.69E-01	1.50E-01	1.50E-01
	Beetle	CR	Chromium	3	3	100	3.40E-01	4.30E-01	3.87E-01	4.51E-02	4.63E-01	4.30E-01	4.30E-01
	Beetle	CU	Copper	3	3	100	5.10E+00	5.70E+00	5.40E+00	3.00E-01	5.91E+00	5.70E+00	5.70E+00
	Beetle	FE	Iron	3	3	100	1.85E+02	2.13E+02	1.99E+02	1.40E+01	2.22E+02	2.13E+02	2.13E+02
	Beetle	HG	Mercury	3	3	100	1.00E-02	1.00E-02	1.00E-02	0.00E+00	0.00E+00	1.00E-02	1.00E-02
	Beetle	MN	Manganese	3	3	100	8.40E+00	1.04E+01	9.47E+00	1.01E+00	1.12E+01	1.04E+01	1.04E+01
	Beetle	NI	Nickel	3	3	100	4.00E-01	1.00E+00	6.87E-01	3.01E-01	1.19E+00	1.00E+00	1.00E+00
	Beetle	OCDD	Octachlorodibenzodioxin - nonspecific	0	2	0	5.27E-01	9.16E-01	7.21E-01	2.75E-01	1.95E+00	9.16E-01	9.16E-07
	Beetle	OCDF	Octachlorodibenzofuran - nonspecific	0	2	0	4.33E-01	7.52E-01	5.92E-01	2.26E-01	1.60E+00	7.52E-01	7.52E-07
	Beetle	PB	Lead	2	3	67	1.53E-01	4.80E-01	3.11E-01	1.64E-01	5.87E-01	4.80E-01	4.80E-01
	Beetle	SB	Antimony	1	3	33	9.91E-02	2.10E-01	1.37E-01	6.32E-02	2.44E-01	2.10E-01	2.10E-01
	Beetle	SE	Selenium	2	3	67	4.95E-02	1.30E-01	9.32E-02	4.07E-02	1.62E-01	1.30E-01	1.30E-01
	Beetle	THPCDD	Total heptachlorodibenzo-p-dioxins	0	2	0	2.45E-01	3.05E-01	2.75E-01	4.24E-02	4.64E-01	3.05E-01	3.05E-07
	Beetle	THPCDF	Total heptachlorodibenzofurans	0	2	0	2.00E-01	2.28E-01	2.14E-01	2.00E-02	3.03E-01	2.28E-01	2.28E-07
	Beetle	THCDD	Total hexachlorodibenzo-p-dioxins	0	2	0	1.98E-01	2.52E-01	2.25E-01	3.82E-02	3.96E-01	2.52E-01	2.52E-07
	Beetle	THCDF	Total hexachlorodibenzofurans	0	2	0	2.50E-02	8.00E-02	5.25E-02	3.90E-02	2.27E-01	8.00E-02	8.00E-08
	Beetle	TPCDD	Total pentachlorodibenzo-p-dioxins	0	2	0	1.90E-01	4.86E-01	3.38E-01	2.09E-01	1.27E+00	4.86E-01	4.86E-07
	Beetle	TPCDF	Total pentachlorodibenzofurans	0	2	0	1.27E-01	3.09E-01	2.18E-01	1.28E-01	7.91E-01	3.09E-01	3.09E-07
	Beetle	TTCDD	Total tetrachlorodibenzo-p-dioxins	3	3	100	1.07E+00	5.00E+01	1.75E+01	2.82E+01	6.50E+01	5.00E+01	5.00E-05
	Beetle	TTCDF	Total tetrachlorodibenzofurans	0	2	0	1.16E-01	3.30E-01	2.23E-01	1.51E-01	8.98E-01	3.30E-01	3.30E-07
	Beetle	V	Vanadium	3	3	100	2.70E-01	3.10E-01	2.93E-01	2.07E-02	3.28E-01	3.10E-01	3.10E-01
	Beetle	ZN	Zinc	3	3	100	3.91E+01	4.32E+01	4.10E+01	2.07E+00	4.45E+01	4.32E+01	4.32E+01
	Grasshopper	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	10	0	1.47E-01	7.69E-01	3.31E-01	2.11E-01	4.53E-01	7.69E-01	7.69E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
RSA (cont.)	Grasshopper	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	10	0	5.85E-02	4.23E-01	1.57E-01	1.30E-01	2.33E-01	4.23E-01	4.23E-07
	Grasshopper	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	10	0	6.70E-02	6.12E-01	2.07E-01	1.87E-01	3.15E-01	6.12E-01	6.12E-07
	Grasshopper	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	10	0	5.10E-02	3.49E-01	1.37E-01	1.07E-01	1.99E-01	3.49E-01	3.49E-07
	Grasshopper	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	10	0	5.00E-02	5.77E-01	2.11E-01	1.81E-01	3.16E-01	5.77E-01	5.77E-07
	Grasshopper	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	10	0	6.55E-02	5.98E-01	2.02E-01	1.82E-01	3.08E-01	5.98E-01	5.98E-07
	Grasshopper	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	10	0	3.85E-02	2.63E-01	1.03E-01	8.05E-02	1.49E-01	2.63E-01	2.63E-07
	Grasshopper	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	10	0	8.75E-02	8.72E-01	2.88E-01	2.82E-01	4.52E-01	8.72E-01	8.72E-07
	Grasshopper	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	10	0	5.45E-02	4.61E-01	1.73E-01	1.54E-01	2.62E-01	4.61E-01	4.61E-07
	Grasshopper	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	10	0	5.95E-02	5.42E-01	1.83E-01	1.65E-01	2.79E-01	5.42E-01	5.42E-07
	Grasshopper	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	10	0	4.90E-02	3.34E-01	1.31E-01	1.02E-01	1.90E-01	3.34E-01	3.34E-07
	Grasshopper	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	10	0	4.85E-02	3.31E-01	1.35E-01	1.01E-01	1.94E-01	3.31E-01	3.31E-07
	Grasshopper	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	10	0	4.95E-02	4.21E-01	1.58E-01	1.41E-01	2.39E-01	4.21E-01	4.21E-07
	Grasshopper	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	10	0	6.30E-02	5.13E-01	1.77E-01	1.57E-01	2.68E-01	5.13E-01	5.13E-07
	Grasshopper	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	10	0	5.25E-02	4.08E-01	1.44E-01	1.21E-01	2.14E-01	4.08E-01	4.08E-07
	Grasshopper	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	10	0	4.30E-01	5.00E-01	4.37E-01	2.22E-02	4.50E-01	5.00E-01	5.00E-04
	Grasshopper	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	3	10	30	2.15E-01	7.20E-01	3.50E-01	2.18E-01	4.76E-01	4.76E-01	4.76E-04
	Grasshopper	AG	Silver	1	10	10	4.13E-02	1.00E-01	4.75E-02	1.84E-02	5.81E-02	5.81E-02	5.81E-02
	Grasshopper	AL	Aluminum	10	10	100	3.86E+01	7.12E+01	5.70E+01	9.37E+00	6.24E+01	6.24E+01	6.24E+01
	Grasshopper	AS	Arsenic	0	10	0	8.80E-02	9.41E-02	9.09E-02	1.49E-03	9.17E-02	9.41E-02	9.41E-02
	Grasshopper	BA	Barium	10	10	100	1.50E+00	2.40E+00	1.83E+00	2.83E-01	1.99E+00	1.99E+00	1.99E+00
	Grasshopper	BE	Beryllium	0	10	0	1.95E-03	2.00E-03	2.00E-03	0.00E+00	2.00E-03	2.00E-03	2.00E-03
	Grasshopper	CD	Cadmium	10	10	100	1.10E-01	7.90E-01	4.00E-01	1.74E-01	5.01E-01	5.01E-01	5.01E-01
	Grasshopper	CO	Cobalt	10	10	100	8.00E-02	1.50E-01	1.03E-01	1.95E-02	1.14E-01	1.14E-01	1.14E-01
	Grasshopper	CR	Chromium	10	10	100	2.50E-01	4.70E-01	3.28E-01	6.82E-02	3.68E-01	3.68E-01	3.68E-01
	Grasshopper	CU	Copper	10	10	100	1.68E+01	2.32E+01	2.00E+01	2.05E+00	2.12E+01	2.12E+01	2.12E+01
	Grasshopper	FE	Iron	10	10	100	5.51E+01	8.96E+01	7.42E+01	9.61E+00	7.98E+01	7.98E+01	7.98E+01
	Grasshopper	HG	Mercury	9	10	90	4.80E-03	1.00E-02	9.48E-03	1.49E-03	1.03E-02	1.00E-02	1.00E-02
	Grasshopper	MN	Manganese	10	10	100	4.70E+00	7.90E+00	5.94E+00	1.01E+00	6.52E+00	6.52E+00	6.52E+00
	Grasshopper	NI	Nickel	8	10	80	1.95E-01	6.60E-01	4.31E-01	1.41E-01	5.13E-01	5.13E-01	5.13E-01
	Grasshopper	OCDD	Octachlorodibenzodioxin - nonspecific	0	10	0	2.85E-01	1.85E+00	6.67E-01	5.46E-01	9.83E-01	1.85E+00	1.85E-06
	Grasshopper	OCDF	Octachlorodibenzofuran - nonspecific	0	10	0	1.57E-01	1.52E+00	5.29E-01	4.62E-01	7.96E-01	1.52E+00	1.52E-06
	Grasshopper	PB	Lead	8	10	80	1.44E-01	7.90E-01	4.11E-01	1.93E-01	5.23E-01	5.23E-01	5.23E-01
	Grasshopper	SB	Antimony	0	10	0	9.72E-02	1.05E-01	1.02E-01	2.79E-03	1.04E-01	1.05E-01	1.05E-01
	Grasshopper	SE	Selenium	9	10	90	4.63E-02	2.30E-01	1.69E-01	5.66E-02	2.01E-01	2.01E-01	2.01E-01
	Grasshopper	THPCDD	Total heptachlorodibenzo-p-dioxins	0	10	0	1.47E-01	7.69E-01	3.28E-01	2.13E-01	4.51E-01	7.69E-01	7.69E-07
	Grasshopper	THPCDF	Total heptachlorodibenzofurans	0	10	0	5.00E-02	4.88E-01	1.79E-01	1.53E-01	2.67E-01	4.88E-01	4.88E-07
	Grasshopper	THCDD	Total hexachlorodibenzo-p-dioxins	0	10	0	6.40E-02	5.82E-01	1.97E-01	1.77E-01	3.00E-01	5.82E-01	5.82E-07
	Grasshopper	THCDF	Total hexachlorodibenzofurans	7	10	70	3.00E-03	3.55E-01	2.65E-01	9.78E-02	3.22E-01	3.22E-01	3.22E-07
	Grasshopper	TPCDD	Total pentachlorodibenzo-p-dioxins	0	10	0	8.75E-02	8.72E-01	2.88E-01	2.82E-01	4.52E-01	8.72E-01	8.72E-07
	Grasshopper	TPCDF	Total pentachlorodibenzofurans	0	10	0	5.20E-02	4.40E-01	1.65E-01	1.47E-01	2.50E-01	4.40E-01	4.40E-07
	Grasshopper	TTCDD	Total tetrachlorodibenzo-p-dioxins	1	10	10	6.30E-02	8.61E-01	2.29E-01	2.58E-01	3.78E-01	3.78E-01	3.78E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
RSA (cont.)	Grasshopper	TTCDF	Total tetrachlorodibenzofurans	0	10	0	5.25E-02	4.08E-01	1.44E-01	1.21E-01	2.14E-01	4.08E-01	4.08E-07
	Grasshopper	V	Vanadium	10	10	100	8.00E-02	1.40E-01	1.13E-01	1.77E-02	1.23E-01	1.23E-01	1.23E-01
	Grasshopper	ZN	Zinc	10	10	100	4.95E+01	6.79E+01	5.48E+01	5.07E+00	5.78E+01	5.78E+01	5.78E+01
	Gumweed	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	7	0	1.11E-01	1.52E+00	5.57E-01	4.89E-01	9.16E-01	1.52E+00	1.52E-06
	Gumweed	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	7	0	5.40E-02	7.32E-01	2.61E-01	2.35E-01	4.34E-01	7.32E-01	7.32E-07
	Gumweed	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	7	0	9.05E-02	1.17E+00	4.23E-01	3.81E-01	7.03E-01	1.17E+00	1.17E-06
	Gumweed	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	7	0	4.80E-02	6.30E-01	2.22E-01	2.06E-01	3.74E-01	6.30E-01	6.30E-07
	Gumweed	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	7	0	8.90E-02	1.20E+00	4.28E-01	3.85E-01	7.11E-01	1.20E+00	1.20E-06
	Gumweed	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	7	0	7.60E-02	9.80E-01	3.54E-01	3.19E-01	5.88E-01	9.80E-01	9.80E-07
	Gumweed	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	7	0	3.80E-02	5.03E-01	1.77E-01	1.65E-01	2.98E-01	5.03E-01	5.03E-07
	Gumweed	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	7	0	5.40E-02	8.15E-01	2.75E-01	2.72E-01	4.75E-01	8.15E-01	8.15E-07
	Gumweed	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1	7	14	4.10E-02	4.96E-01	1.75E-01	1.56E-01	2.90E-01	2.90E-01	2.90E-07
	Gumweed	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	7	0	8.20E-02	1.06E+00	3.84E-01	3.45E-01	6.37E-01	1.06E+00	1.06E-06
	Gumweed	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	7	0	5.10E-02	6.75E-01	2.38E-01	2.21E-01	4.00E-01	6.75E-01	6.75E-07
	Gumweed	246TNT	2,4,6-Trinitrotoluene	0	7	0	7.00E+03	7.00E+03	7.00E+03	0.00E+00	0.00E+00	7.00E+03	7.00E+00
	Gumweed	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	7	0	1.10E+03	1.10E+03	1.10E+03	0.00E+00	0.00E+00	1.10E+03	1.10E+00
	Gumweed	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	7	0	8.75E-02	6.05E-01	2.40E-01	1.77E-01	3.69E-01	6.05E-01	6.05E-07
	Gumweed	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1	7	14	3.95E-02	4.79E-01	1.88E-01	1.51E-01	2.99E-01	2.99E-01	2.99E-07
	Gumweed	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	7	0	3.50E-02	4.90E-01	1.68E-01	1.65E-01	2.89E-01	4.90E-01	4.90E-07
	Gumweed	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2	7	29	9.35E-02	8.52E-01	3.91E-01	3.25E-01	6.30E-01	6.30E-01	6.30E-07
	Gumweed	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	7	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	7	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Gumweed	AG	Silver	0	7	0	7.84E-02	7.86E-02	7.85E-02	0.00E+00	7.85E-02	7.86E-02	7.86E-02
	Gumweed	AL	Aluminum	5	7	71	4.03E+01	3.01E+02	1.30E+02	9.43E+01	1.99E+02	1.99E+02	1.99E+02
	Gumweed	AS	Arsenic	0	7	0	3.11E-01	3.15E-01	3.14E-01	1.83E-03	3.15E-01	3.15E-01	3.15E-01
	Gumweed	BA	Barium	7	7	100	4.10E+00	2.31E+01	1.43E+01	6.64E+00	1.92E+01	1.92E+01	1.92E+01
	Gumweed	BE	Beryllium	3	7	43	3.00E-03	2.00E-02	7.43E-03	6.58E-03	1.23E-02	1.23E-02	1.23E-02
	Gumweed	BAANTR	Benzo[a]anthracene	0	7	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BKFANT	Benzo[k]fluoranthene	0	7	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CD	Cadmium	3	7	43	2.02E-01	9.40E-01	3.76E-01	2.73E-01	5.76E-01	5.76E-01	5.76E-01
	Gumweed	CHRY	Chrysene	0	7	0	3.45E-01	3.45E-01	3.45E-01	0.00E+00	0.00E+00	3.45E-01	3.45E-04
	Gumweed	CO	Cobalt	3	7	43	3.83E-02	1.20E-01	6.34E-02	3.33E-02	8.79E-02	8.79E-02	8.79E-02
	Gumweed	CR	Chromium	7	7	100	2.20E-01	6.50E-01	3.41E-01	1.48E-01	4.50E-01	4.50E-01	4.50E-01
	Gumweed	CU	Copper	7	7	100	4.80E+00	1.35E+01	7.17E+00	3.45E+00	9.71E+00	9.71E+00	9.71E+00
	Gumweed	FE	Iron	7	7	100	6.58E+01	2.81E+02	1.22E+02	7.42E+01	1.76E+02	1.76E+02	1.76E+02
	Gumweed	FANT	Fluoranthene	0	7	0	1.80E+00	1.80E+00	1.80E+00	1.83E-03	1.80E+00	1.80E+00	1.80E-03
	Gumweed	HG	Mercury	0	7	0	7.90E-03	9.90E-03	9.04E-03	0.00E+00	9.04E-03	9.90E-03	9.90E-03
	Gumweed	MN	Manganese	7	7	100	6.50E+00	6.34E+01	2.66E+01	1.81E+01	4.00E+01	4.00E+01	4.00E+01
	Gumweed	NI	Nickel	7	7	100	3.20E-01	4.70E+00	1.13E+00	1.59E+00	2.29E+00	2.29E+00	2.29E+00
	Gumweed	OCDD	Octachlorodibenzodioxin - nonspecific	3	7	43	7.44E-01	3.55E+00	1.76E+00	1.00E+00	2.50E+00	2.50E+00	2.50E-06
	Gumweed	OCDF	Octachlorodibenzofuran - nonspecific	1	7	14	1.29E-01	1.82E+00	6.99E-01	5.59E-01	1.11E+00	1.11E+00	1.11E-06

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
RSA (cont.)	Gumweed	PB	Lead	7	7	100	5.40E-01	1.50E+00	1.10E+00	4.49E-01	1.43E+00	1.43E+00	1.43E+00
	Gumweed	PHANTR	Phenanthrene	4	7	57	1.70E+00	1.20E+01	5.88E+00	4.77E+00	9.39E+00	9.39E+00	9.39E-03
	Gumweed	PYR	Pyrene	0	7	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01	9.00E-04
	Gumweed	RDX	RDX / Cyclonite	0	7	0	3.95E+03	3.95E+03	3.95E+03	0.00E+00	0.00E+00	3.95E+03	3.95E+00
	Gumweed	SB	Antimony	0	7	0	1.58E-01	1.65E-01	1.63E-01	2.24E-03	1.65E-01	1.65E-01	1.65E-01
	Gumweed	SE	Selenium	1	7	14	2.79E-01	5.70E-01	3.24E-01	1.08E-01	4.04E-01	4.04E-01	4.04E-01
	Gumweed	THPCDD	Total heptachlorodibenzo-p-dioxins	2	7	29	1.11E-01	1.52E+00	6.48E-01	4.72E-01	9.95E-01	9.95E-01	9.95E-07
	Gumweed	THPCDF	Total heptachlorodibenzofurans	0	7	0	6.75E-02	9.09E-01	3.25E-01	2.92E-01	5.39E-01	9.09E-01	9.09E-07
	Gumweed	THCDD	Total hexachlorodibenzo-p-dioxins	0	7	0	8.25E-02	1.07E+00	3.85E-01	3.46E-01	6.39E-01	1.07E+00	1.07E-06
	Gumweed	THCDF	Total hexachlorodibenzofurans	2	7	29	8.60E-02	5.96E-01	2.77E-01	1.62E-01	3.96E-01	3.96E-01	3.96E-07
	Gumweed	TPCDD	Total pentachlorodibenzo-p-dioxins	0	7	0	5.40E-02	8.15E-01	2.75E-01	2.72E-01	4.75E-01	8.15E-01	8.15E-07
	Gumweed	TPCDF	Total pentachlorodibenzofurans	1	7	14	4.00E-02	7.37E-01	2.61E-01	2.59E-01	4.51E-01	4.51E-01	4.51E-07
	Gumweed	TTCDD	Total tetrachlorodibenzo-p-dioxins	1	7	14	3.50E-02	4.90E-01	1.84E-01	1.59E-01	3.01E-01	3.01E-01	3.01E-07
	Gumweed	TTCDF	Total tetrachlorodibenzofurans	3	7	43	9.35E-02	1.73E+00	7.47E-01	6.91E-01	1.25E+00	1.25E+00	1.25E-06
	Gumweed	V	Vanadium	4	7	57	5.35E-02	3.80E-01	1.56E-01	1.22E-01	2.45E-01	2.45E-01	2.45E-01
	Gumweed	ZN	Zinc	7	7	100	1.05E+01	2.43E+01	1.75E+01	5.25E+00	2.13E+01	2.13E+01	2.13E+01
	Jackrabbit	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	15	0	4.25E-02	5.62E-01	2.45E-01	1.62E-01	3.19E-01	5.62E-01	5.62E-07
	Jackrabbit	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1	15	7	4.79E-02	4.05E-01	1.60E-01	1.06E-01	2.08E-01	2.08E-01	2.08E-07
	Jackrabbit	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	4.30E-02	4.91E-01	2.12E-01	1.30E-01	2.71E-01	4.91E-01	4.91E-07
	Jackrabbit	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	15	0	2.25E-02	3.20E-01	1.32E-01	8.51E-02	1.70E-01	3.20E-01	3.20E-07
	Jackrabbit	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	15	0	3.70E-02	6.24E-01	2.44E-01	1.66E-01	3.20E-01	6.24E-01	6.24E-07
	Jackrabbit	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	3.60E-02	4.03E-01	1.74E-01	1.07E-01	2.22E-01	4.03E-01	4.03E-07
	Jackrabbit	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	15	0	1.80E-02	2.40E-01	9.91E-02	6.39E-02	1.28E-01	2.40E-01	2.40E-07
	Jackrabbit	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	15	0	3.00E-02	4.89E-01	1.81E-01	1.19E-01	2.35E-01	4.89E-01	4.89E-07
	Jackrabbit	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	15	0	1.65E-02	3.01E-01	1.10E-01	7.40E-02	1.44E-01	3.01E-01	3.01E-07
	Jackrabbit	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	15	0	3.90E-02	3.54E-01	1.53E-01	9.31E-02	1.96E-01	3.54E-01	3.54E-07
	Jackrabbit	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	15	0	2.40E-02	3.22E-01	1.33E-01	8.56E-02	1.72E-01	3.22E-01	3.22E-07
	Jackrabbit	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	15	0	6.00E+02	6.00E+02	6.00E+02	0.00E+00	0.00E+00	6.00E+02	6.00E-01
	Jackrabbit	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	15	0	2.15E-02	3.02E-01	1.28E-01	7.79E-02	1.63E-01	3.02E-01	3.02E-07
	Jackrabbit	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	15	0	1.60E-02	3.03E-01	1.11E-01	7.45E-02	1.45E-01	3.03E-01	3.03E-07
	Jackrabbit	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	15	0	1.90E-02	2.80E-01	1.02E-01	6.97E-02	1.34E-01	2.80E-01	2.80E-07
	Jackrabbit	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	15	0	1.60E-02	2.33E-01	9.22E-02	6.54E-02	1.22E-01	2.33E-01	2.33E-07
	Jackrabbit	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	1	15	7	3.35E-01	2.50E+00	4.79E-01	5.59E-01	7.34E-01	7.34E-01	7.34E-04
	Jackrabbit	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	15	0	5.00E+00	1.00E+01	9.67E+00	1.29E+00	1.03E+01	1.00E+01	1.00E-02
	Jackrabbit	AG	Silver	0	15	0	1.82E-01	1.86E-01	1.84E-01	0.00E+00	1.84E-01	1.86E-01	1.86E-01
	Jackrabbit	AL	Aluminum	15	15	100	1.77E+01	1.53E+02	4.11E+01	3.37E+01	5.65E+01	5.65E+01	5.65E+01
	Jackrabbit	AS	Arsenic	2	15	13	1.23E-01	3.60E-01	1.55E-01	7.22E-02	1.87E-01	1.87E-01	1.87E-01
	Jackrabbit	BA	Barium	14	15	93	2.19E+00	1.25E+01	8.60E+00	3.01E+00	9.97E+00	9.97E+00	9.97E+00
	Jackrabbit	BE	Beryllium	0	15	0	1.95E-03	2.00E-03	1.97E-03	0.00E+00	1.97E-03	2.00E-03	2.00E-03
	Jackrabbit	BAANTR	Benzo[a]anthracene	0	15	0	2.45E-01	2.45E-01	2.45E-01	0.00E+00	0.00E+00	2.45E-01	2.45E-04
	Jackrabbit	BKFANT	Benzo[k]fluoranthene	0	15	0	2.50E-01	2.50E-01	2.50E-01	0.00E+00	0.00E+00	2.50E-01	2.50E-04

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
RSA (cont.)	Jackrabbit	CD	Cadmium	3	15	20	5.46E-02	1.40E-01	7.06E-02	2.94E-02	8.39E-02	8.39E-02	8.39E-02
	Jackrabbit	CHRY	Chrysene	0	15	0	2.80E-01	2.80E-01	2.80E-01	0.00E+00	0.00E+00	2.80E-01	2.80E-04
	Jackrabbit	CO	Cobalt	1	15	7	2.65E-02	1.00E-01	3.15E-02	1.90E-02	4.02E-02	4.02E-02	4.02E-02
	Jackrabbit	CR	Chromium	15	15	100	3.60E-01	5.40E-01	4.02E-01	4.42E-02	4.22E-01	4.22E-01	4.22E-01
	Jackrabbit	CU	Copper	15	15	100	2.00E+00	2.90E+00	2.53E+00	2.63E-01	2.65E+00	2.65E+00	2.65E+00
	Jackrabbit	FE	Iron	15	15	100	7.49E+01	1.81E+02	1.05E+02	2.61E+01	1.16E+02	1.16E+02	1.16E+02
	Jackrabbit	FANT	Fluoranthene	0	15	0	4.30E-01	4.30E-01	4.30E-01	0.00E+00	0.00E+00	4.30E-01	4.30E-04
	Jackrabbit	HG	Mercury	15	15	100	1.00E-02	3.00E-02	1.13E-02	5.00E-03	1.36E-02	1.36E-02	1.36E-02
	Jackrabbit	MN	Manganese	15	15	100	1.40E+00	7.10E+00	2.91E+00	1.36E+00	3.53E+00	3.53E+00	3.53E+00
	Jackrabbit	NI	Nickel	12	15	80	4.90E-02	1.60E-01	1.14E-01	3.60E-02	1.30E-01	1.30E-01	1.30E-01
	Jackrabbit	OCDD	Octachlorodibenzodioxin - nonspecific	1	15	7	1.04E-01	9.01E-01	4.05E-01	2.27E-01	5.08E-01	5.08E-01	5.08E-07
	Jackrabbit	OCDF	Octachlorodibenzofuran - nonspecific	0	15	0	5.15E-02	7.40E-01	3.25E-01	1.95E-01	4.14E-01	7.40E-01	7.40E-07
	Jackrabbit	PB	Lead	15	15	100	2.60E-01	5.67E+01	1.32E+01	1.65E+01	2.07E+01	2.07E+01	2.07E+01
	Jackrabbit	PHANTR	Phenanthrene	0	15	0	1.85E-01	1.85E-01	1.85E-01	0.00E+00	0.00E+00	1.85E-01	1.85E-04
	Jackrabbit	PYR	Pyrene	0	15	0	1.95E-01	1.95E-01	1.95E-01	0.00E+00	0.00E+00	1.95E-01	1.95E-04
	Jackrabbit	SB	Antimony	1	15	7	2.16E-01	2.20E+00	3.56E-01	5.10E-01	5.88E-01	5.88E-01	5.88E-01
	Jackrabbit	SE	Selenium	13	15	87	1.14E-01	6.20E-01	3.97E-01	1.52E-01	4.66E-01	4.66E-01	4.66E-01
	Jackrabbit	THPCDD	Total heptachlorodibenzo-p-dioxins	0	15	0	4.25E-02	5.62E-01	2.45E-01	1.62E-01	3.19E-01	5.62E-01	5.62E-07
	Jackrabbit	THPCDF	Total heptachlorodibenzofurans	1	15	7	4.79E-02	4.92E-01	1.93E-01	1.29E-01	2.52E-01	2.52E-01	2.52E-07
	Jackrabbit	THCDD	Total hexachlorodibenzo-p-dioxins	0	15	0	3.90E-02	4.09E-01	1.77E-01	1.08E-01	2.26E-01	4.09E-01	4.09E-07
	Jackrabbit	THCDF	Total hexachlorodibenzofurans	1	15	7	2.15E-02	2.92E-01	1.30E-01	7.68E-02	1.65E-01	1.65E-01	1.65E-07
	Jackrabbit	TPCDD	Total pentachlorodibenzo-p-dioxins	0	15	0	3.00E-02	4.89E-01	1.81E-01	1.19E-01	2.35E-01	4.89E-01	4.89E-07
	Jackrabbit	TPCDF	Total pentachlorodibenzofurans	1	15	7	1.60E-02	3.02E-01	1.21E-01	7.61E-02	1.56E-01	1.56E-01	1.56E-07
	Jackrabbit	TTCDD	Total tetrachlorodibenzo-p-dioxins	0	15	0	1.90E-02	2.80E-01	1.02E-01	6.97E-02	1.34E-01	2.80E-01	2.80E-07
	Jackrabbit	TTCDF	Total tetrachlorodibenzofurans	1	15	7	1.60E-02	7.55E-01	1.27E-01	1.82E-01	2.10E-01	2.10E-01	2.10E-07
	Jackrabbit	V	Vanadium	1	15	7	2.75E-02	1.70E-01	3.71E-02	3.67E-02	5.38E-02	5.38E-02	5.38E-02
	Jackrabbit	ZN	Zinc	15	15	100	1.91E+01	2.33E+01	2.09E+01	1.40E+00	2.15E+01	2.15E+01	2.15E+01
	Rabbitbrush	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5	15	33	1.08E-01	2.02E+00	7.23E-01	5.58E-01	9.76E-01	9.76E-01	9.76E-07
	Rabbitbrush	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	5	15	33	5.80E-02	1.99E+00	4.28E-01	4.88E-01	6.50E-01	6.50E-01	6.50E-07
	Rabbitbrush	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	8.30E-02	1.03E+00	2.96E-01	2.61E-01	4.14E-01	1.03E+00	1.03E-06
	Rabbitbrush	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1	15	7	4.60E-02	7.26E-01	2.18E-01	2.15E-01	3.15E-01	3.15E-01	3.15E-07
	Rabbitbrush	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	15	0	8.05E-02	1.30E+00	3.17E-01	3.17E-01	4.61E-01	1.30E+00	1.30E-06
	Rabbitbrush	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	6.95E-02	8.45E-01	2.44E-01	2.14E-01	3.41E-01	8.45E-01	8.45E-07
	Rabbitbrush	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	15	0	3.70E-02	4.99E-01	1.32E-01	1.24E-01	1.88E-01	4.99E-01	4.99E-07
	Rabbitbrush	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	15	0	5.95E-02	8.01E-01	2.31E-01	2.20E-01	3.32E-01	8.01E-01	8.01E-07
	Rabbitbrush	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	15	0	3.65E-02	5.12E-01	1.43E-01	1.40E-01	2.06E-01	5.12E-01	5.12E-07
	Rabbitbrush	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	15	0	7.50E-02	7.43E-01	2.24E-01	1.88E-01	3.10E-01	7.43E-01	7.43E-07
	Rabbitbrush	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	15	0	4.95E-02	6.68E-01	1.77E-01	1.66E-01	2.52E-01	6.68E-01	6.68E-07
	Rabbitbrush	246TNT	2,4,6-Trinitrotoluene	5	15	33	2.60E+03	3.00E+04	7.68E+03	8.52E+03	1.16E+04	1.16E+04	1.16E+01
	Rabbitbrush	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	15	0	7.50E+02	7.50E+02	7.50E+02	0.00E+00	0.00E+00	7.50E+02	7.50E-01
	Rabbitbrush	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	2	15	13	4.50E-02	6.26E-01	2.18E-01	1.48E-01	2.85E-01	2.85E-01	2.85E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
RSA (cont.)	Rabbitbrush	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	15	0	3.50E-02	5.16E-01	1.43E-01	1.42E-01	2.07E-01	5.16E-01	5.16E-07
	Rabbitbrush	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	15	0	3.60E-02	3.60E-01	1.20E-01	1.03E-01	1.66E-01	3.60E-01	3.60E-07
	Rabbitbrush	TCDF	2,3,7,8-Tetrachlorodibenzofuran	3	15	20	3.10E-02	5.45E-01	1.63E-01	1.47E-01	2.30E-01	2.30E-01	2.30E-07
	Rabbitbrush	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	4	15	27	1.70E+01	1.30E+02	4.19E+01	4.33E+01	6.16E+01	6.16E+01	6.16E-02
	Rabbitbrush	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	15	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Rabbitbrush	AG	Silver	0	15	0	7.94E-02	8.10E-02	8.02E-02	0.00E+00	8.02E-02	8.10E-02	8.10E-02
	Rabbitbrush	AL	Aluminum	15	15	100	4.08E+01	2.10E+02	8.73E+01	4.23E+01	1.07E+02	1.07E+02	1.07E+02
	Rabbitbrush	AS	Arsenic	7	15	47	1.20E-01	3.30E-01	2.01E-01	8.80E-02	2.41E-01	2.41E-01	2.41E-01
	Rabbitbrush	BA	Barium	15	15	100	1.90E+00	7.20E+00	3.88E+00	1.74E+00	4.67E+00	4.67E+00	4.67E+00
	Rabbitbrush	BE	Beryllium	0	15	0	2.95E-03	3.00E-03	2.96E-03	0.00E+00	2.96E-03	3.00E-03	3.00E-03
	Rabbitbrush	BAANTR	Benzo[a]anthracene	0	15	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BKFANT	Benzo[k]fluoranthene	0	15	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CD	Cadmium	15	15	100	1.60E-01	5.90E-01	2.58E-01	1.02E-01	3.04E-01	3.04E-01	3.04E-01
	Rabbitbrush	CHRY	Chrysene	1	15	7	4.15E-01	8.90E-01	4.47E-01	1.23E-01	5.02E-01	5.02E-01	5.02E-04
	Rabbitbrush	CO	Cobalt	0	15	0	4.71E-02	4.80E-02	4.75E-02	0.00E+00	4.75E-02	4.80E-02	4.80E-02
	Rabbitbrush	CR	Chromium	15	15	100	1.60E-01	3.50E-01	2.51E-01	5.90E-02	2.77E-01	2.77E-01	2.77E-01
	Rabbitbrush	CU	Copper	15	15	100	2.50E+00	6.40E+00	4.33E+00	1.07E+00	4.82E+00	4.82E+00	4.82E+00
	Rabbitbrush	FE	Iron	15	15	100	4.75E+01	1.86E+02	8.67E+01	3.69E+01	1.03E+02	1.03E+02	1.03E+02
	Rabbitbrush	FANT	Fluoranthene	13	15	87	6.50E-01	2.90E+00	1.93E+00	6.46E-01	2.23E+00	2.23E+00	2.23E-03
	Rabbitbrush	HG	Mercury	14	15	93	4.95E-03	3.00E-02	1.10E-02	5.35E-03	1.34E-02	1.34E-02	1.34E-02
	Rabbitbrush	MN	Manganese	15	15	100	6.10E+00	4.71E+01	2.79E+01	1.27E+01	3.37E+01	3.37E+01	3.37E+01
	Rabbitbrush	NI	Nickel	15	15	100	3.00E-01	9.50E-01	6.08E-01	1.52E-01	6.77E-01	6.77E-01	6.77E-01
	Rabbitbrush	OCDD	Octachlorodibenzodioxin - nonspecific	5	15	33	1.52E-01	1.04E+01	2.65E+00	3.22E+00	4.11E+00	4.11E+00	4.11E-06
	Rabbitbrush	OCDF	Octachlorodibenzofuran - nonspecific	5	15	33	1.79E-01	2.63E+00	7.97E-01	7.26E-01	1.13E+00	1.13E+00	1.13E-06
	Rabbitbrush	PB	Lead	15	15	100	3.90E-01	2.70E+00	1.34E+00	6.42E-01	1.63E+00	1.63E+00	1.63E+00
	Rabbitbrush	PHANTR	Phenanthrene	10	15	67	1.85E+00	1.40E+01	5.98E+00	4.01E+00	7.80E+00	7.80E+00	7.80E-03
	Rabbitbrush	PYR	Pyrene	13	15	87	1.55E-01	1.10E+00	6.60E-01	2.64E-01	7.80E-01	7.80E-01	7.80E-04
	Rabbitbrush	RDX	RDX / Cyclonite	0	15	0	6.00E+03	7.00E+03	6.70E+03	3.16E+02	6.84E+03	7.00E+03	7.00E+00
	Rabbitbrush	SB	Antimony	0	15	0	2.41E-01	2.65E-01	2.53E-01	9.56E-03	2.57E-01	2.65E-01	2.65E-01
	Rabbitbrush	SE	Selenium	0	15	0	2.05E-01	2.23E-01	2.13E-01	5.21E-03	2.16E-01	2.23E-01	2.23E-01
	Rabbitbrush	THPCDD	Total heptachlorodibenzo-p-dioxins	5	15	33	1.08E-01	3.96E+00	1.01E+00	1.11E+00	1.51E+00	1.51E+00	1.51E-06
	Rabbitbrush	THPCDF	Total heptachlorodibenzofurans	5	15	33	7.20E-02	1.99E+00	4.98E-01	5.21E-01	7.34E-01	7.34E-01	7.34E-07
	Rabbitbrush	THCDD	Total hexachlorodibenzo-p-dioxins	0	15	0	7.55E-02	8.58E-01	2.86E-01	2.33E-01	3.92E-01	8.58E-01	8.58E-07
	Rabbitbrush	THCDF	Total hexachlorodibenzofurans	4	15	27	4.40E-02	5.04E+00	5.77E-01	1.25E+00	1.14E+00	1.14E+00	1.14E-06
	Rabbitbrush	TPCDD	Total pentachlorodibenzo-p-dioxins	2	15	13	5.95E-02	8.01E-01	2.52E-01	2.11E-01	3.48E-01	3.48E-01	3.48E-07
	Rabbitbrush	TPCDF	Total pentachlorodibenzofurans	4	15	27	4.20E-02	5.14E-01	2.05E-01	1.30E-01	2.65E-01	2.65E-01	2.65E-07
	Rabbitbrush	TTCDD	Total tetrachlorodibenzo-p-dioxins	5	15	33	4.25E-02	3.60E-01	1.61E-01	9.25E-02	2.03E-01	2.03E-01	2.03E-07
	Rabbitbrush	TTCDF	Total tetrachlorodibenzofurans	5	15	33	3.45E-02	1.72E+00	3.11E-01	4.33E-01	5.07E-01	5.07E-01	5.07E-07
	Rabbitbrush	V	Vanadium	10	15	67	3.94E-02	2.70E-01	9.72E-02	6.34E-02	1.26E-01	1.26E-01	1.26E-01
	Rabbitbrush	ZN	Zinc	15	15	100	7.10E+00	1.60E+01	1.12E+01	2.11E+00	1.22E+01	1.22E+01	1.22E+01
	Sweetclover	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3	15	20	1.09E-01	3.19E+00	5.82E-01	7.75E-01	9.34E-01	9.34E-01	9.34E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
RSA (cont.)	Sweetclover	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	5	15	33	5.80E-02	1.00E+01	8.78E-01	2.54E+00	2.03E+00	2.03E+00	2.03E-06
	Sweetclover	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1	15	7	6.60E-02	5.61E-01	2.25E-01	1.49E-01	2.92E-01	2.92E-01	2.92E-07
	Sweetclover	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1	15	7	3.05E-02	1.34E+00	2.04E-01	3.24E-01	3.51E-01	3.51E-01	3.51E-07
	Sweetclover	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	15	0	7.45E-02	4.35E-01	2.06E-01	1.09E-01	2.56E-01	4.35E-01	4.35E-07
	Sweetclover	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2	15	13	5.55E-02	5.99E-01	2.13E-01	1.62E-01	2.87E-01	2.87E-01	2.87E-07
	Sweetclover	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2	15	13	2.45E-02	4.45E-01	1.34E-01	1.23E-01	1.89E-01	1.89E-01	1.89E-07
	Sweetclover	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	15	0	3.70E-02	3.52E-01	1.34E-01	8.69E-02	1.73E-01	3.52E-01	3.52E-07
	Sweetclover	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	15	0	1.80E-02	2.41E-01	7.78E-02	5.89E-02	1.05E-01	2.41E-01	2.41E-07
	Sweetclover	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2	15	13	6.00E-02	5.70E-01	2.17E-01	1.45E-01	2.82E-01	2.82E-01	2.82E-07
	Sweetclover	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	1	15	7	3.30E-02	4.78E-01	1.50E-01	1.30E-01	2.09E-01	2.09E-01	2.09E-07
	Sweetclover	246TNT	2,4,6-Trinitrotoluene	1	15	7	1.05E+02	2.70E+02	1.20E+02	4.14E+01	1.39E+02	1.39E+02	1.39E-01
	Sweetclover	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	1	15	7	6.50E+02	1.40E+04	1.54E+03	3.45E+03	3.11E+03	3.11E+03	3.11E+00
	Sweetclover	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	9	15	60	5.65E-02	7.76E-01	2.66E-01	1.80E-01	3.48E-01	3.48E-01	3.48E-07
	Sweetclover	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1	15	7	1.75E-02	4.68E-01	1.01E-01	1.16E-01	1.54E-01	1.54E-01	1.54E-07
	Sweetclover	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	15	0	1.65E-02	2.53E-01	8.04E-02	6.24E-02	1.09E-01	2.53E-01	2.53E-07
	Sweetclover	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	15	0	1.35E-02	2.48E-01	1.03E-01	6.63E-02	1.33E-01	2.48E-01	2.48E-07
	Sweetclover	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	15	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03
	Sweetclover	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	15	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
	Sweetclover	AG	Silver	0	15	0	3.53E-02	3.60E-02	3.56E-02	0.00E+00	3.56E-02	3.60E-02	3.60E-02
	Sweetclover	AL	Aluminum	14	15	93	5.64E+00	6.50E+01	3.38E+01	1.57E+01	4.10E+01	4.10E+01	4.10E+01
	Sweetclover	AS	Arsenic	4	15	27	1.46E-01	4.90E-01	2.21E-01	1.30E-01	2.80E-01	2.80E-01	2.80E-01
	Sweetclover	BA	Barium	15	15	100	7.10E+00	2.70E+01	1.30E+01	5.31E+00	1.54E+01	1.54E+01	1.54E+01
	Sweetclover	BE	Beryllium	0	15	0	1.95E-03	2.00E-03	1.98E-03	0.00E+00	1.98E-03	2.00E-03	2.00E-03
	Sweetclover	BAANTR	Benzo[a]anthracene	0	15	0	2.50E-01	2.50E-01	2.50E-01	0.00E+00	0.00E+00	2.50E-01	2.50E-04
	Sweetclover	BKFANT	Benzo[k]fluoranthene	0	15	0	2.25E-01	2.25E-01	2.25E-01	0.00E+00	0.00E+00	2.25E-01	2.25E-04
	Sweetclover	CD	Cadmium	1	15	7	6.31E-02	1.60E-01	7.08E-02	2.46E-02	8.20E-02	8.20E-02	8.20E-02
	Sweetclover	CHRY	Chrysene	1	15	7	3.10E-01	6.40E-01	3.32E-01	8.52E-02	3.71E-01	3.71E-01	3.71E-04
	Sweetclover	CO	Cobalt	7	15	47	3.53E-02	2.00E-01	7.30E-02	5.02E-02	9.58E-02	9.58E-02	9.58E-02
	Sweetclover	CR	Chromium	15	15	100	1.60E-01	3.60E-01	2.25E-01	5.90E-02	2.52E-01	2.52E-01	2.52E-01
	Sweetclover	CU	Copper	15	15	100	2.00E+00	1.38E+01	4.44E+00	3.21E+00	5.90E+00	5.90E+00	5.90E+00
	Sweetclover	FE	Iron	15	15	100	1.13E+01	8.45E+01	3.87E+01	1.89E+01	4.73E+01	4.73E+01	4.73E+01
	Sweetclover	FANT	Fluoranthene	10	15	67	3.00E-01	1.40E+00	7.09E-01	3.52E-01	8.69E-01	8.69E-01	8.69E-04
	Sweetclover	HG	Mercury	11	15	73	4.90E-03	2.00E-02	9.99E-03	4.63E-03	1.21E-02	1.21E-02	1.21E-02
	Sweetclover	MN	Manganese	15	15	100	4.10E+00	1.66E+01	9.71E+00	3.30E+00	1.12E+01	1.12E+01	1.12E+01
	Sweetclover	NI	Nickel	15	15	100	2.60E-01	1.30E+00	4.96E-01	3.04E-01	6.34E-01	6.34E-01	6.34E-01
	Sweetclover	OCDD	Octachlorodibenzodioxin - nonspecific	1	15	7	5.61E-01	3.21E+01	4.09E+00	7.86E+00	7.66E+00	7.66E+00	7.66E-06
	Sweetclover	OCDF	Octachlorodibenzofuran - nonspecific	6	15	40	1.56E-01	1.89E+01	1.86E+00	4.74E+00	4.01E+00	4.01E+00	4.01E-06
	Sweetclover	PB	Lead	15	15	100	2.90E-01	6.70E-01	4.49E-01	1.15E-01	5.02E-01	5.02E-01	5.02E-01
	Sweetclover	PHANTR	Phenanthrene	12	15	80	7.00E-01	5.10E+00	2.53E+00	1.30E+00	3.12E+00	3.12E+00	3.12E-03
	Sweetclover	PYR	Pyrene	11	15	73	1.10E-01	5.80E-01	3.23E-01	1.58E-01	3.95E-01	3.95E-01	3.95E-04
	Sweetclover	RDX	RDX / Cyclonite	2	15	13	1.95E+02	1.70E+03	3.16E+02	3.87E+02	4.92E+02	4.92E+02	4.92E-01

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
RSA (cont.)	Sweetclover	SB	Antimony	0	15	0	4.85E-01	5.00E-01	4.97E-01	4.23E-03	4.99E-01	5.00E-01	5.00E-01
	Sweetclover	SE	Selenium	0	15	0	2.96E-01	3.05E-01	3.02E-01	2.54E-03	3.03E-01	3.05E-01	3.05E-01
	Sweetclover	THPCDD	Total heptachlorodibenzo-p-dioxins	7	15	47	1.28E-01	6.29E+00	9.20E-01	1.53E+00	1.62E+00	1.62E+00	1.62E-06
	Sweetclover	THPCDF	Total heptachlorodibenzofurans	6	15	40	7.20E-02	1.05E+01	9.83E-01	2.64E+00	2.18E+00	2.18E+00	2.18E-06
	Sweetclover	THCDD	Total hexachlorodibenzo-p-dioxins	3	15	20	6.00E-02	1.73E+00	3.50E-01	4.17E-01	5.40E-01	5.40E-01	5.40E-07
	Sweetclover	THCDF	Total hexachlorodibenzofurans	10	15	67	5.55E-02	3.57E+00	5.46E-01	9.23E-01	9.66E-01	9.66E-01	9.66E-07
	Sweetclover	TPCDD	Total pentachlorodibenzo-p-dioxins	0	15	0	3.70E-02	3.52E-01	1.34E-01	8.69E-02	1.73E-01	3.52E-01	3.52E-07
	Sweetclover	TPCDF	Total pentachlorodibenzofurans	6	15	40	3.80E-02	4.68E-01	1.58E-01	1.28E-01	2.16E-01	2.16E-01	2.16E-07
	Sweetclover	TTCDD	Total tetrachlorodibenzo-p-dioxins	5	15	33	4.50E-02	2.53E-01	1.14E-01	5.86E-02	1.40E-01	1.40E-01	1.40E-07
	Sweetclover	TTCDF	Total tetrachlorodibenzofurans	7	15	47	2.10E-02	1.09E+00	2.46E-01	2.80E-01	3.73E-01	3.73E-01	3.73E-07
	Sweetclover	V	Vanadium	0	15	0	6.08E-02	6.19E-02	6.13E-02	0.00E+00	6.13E-02	6.19E-02	6.19E-02
	Sweetclover	ZN	Zinc	15	15	100	2.00E+00	1.88E+01	4.54E+00	4.14E+00	6.42E+00	6.42E+00	6.42E+00
ESA-1 [a]	*Beetle*	*246TNT*	*2,4,6-Trinitrotoluene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.88E+01*	*1.88E-02*
	Beetle	*24D*	*2,4-D / 2,4-Dichlorophenoxyacetic acid*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*8.50E+01*	*8.50E-02*
	Beetle	*BAANTR*	*Benzo[a]anthracene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.00E-01*	*6.00E-04*
	Beetle	*BKFANT*	*Benzo[k]fluoranthene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.50E-01*	*5.50E-04*
	Beetle	*CHRY*	*Chrysene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.50E-01*	*6.50E-04*
	Beetle	*FANT*	*Fluoranthene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.45E+00*	*1.45E-03*
	Beetle	*PHANTR*	*Phenanthrene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.70E+00*	*1.70E-03*
	Beetle	*PYR*	*Pyrene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.00E-01*	*6.00E-04*
	Beetle	*RDX*	*RDX / Cyclonite*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40E+00*	*6.40E-03*
	Grasshopper	*246TNT*	*2,4,6-Trinitrotoluene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.88E+01*	*1.88E-02*
	Grasshopper	*24D*	*2,4-D / 2,4-Dichlorophenoxyacetic acid*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*8.50E+01*	*8.50E-02*
	Grasshopper	*BAANTR*	*Benzo[a]anthracene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.00E-01*	*6.00E-04*
	Grasshopper	*BKFANT*	*Benzo[k]fluoranthene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.50E-01*	*5.50E-04*
	Grasshopper	*CHRY*	*Chrysene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.50E-01*	*6.50E-04*
	Grasshopper	*FANT*	*Fluoranthene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.45E+00*	*1.45E-03*
	Grasshopper	*PHANTR*	*Phenanthrene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.70E+00*	*1.70E-03*
	Grasshopper	*PYR*	*Pyrene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.00E-01*	*6.00E-04*
	Grasshopper	*RDX*	*RDX / Cyclonite*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40E+00*	*6.40E-03*
	Jackrabbit	*246TNT*	*2,4,6-Trinitrotoluene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*
	Jackrabbit	*RDX*	*RDX / Cyclonite*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00E+00*	*0.00E+00*
ESA-2	*Beetle*	*246TNT*	*2,4,6-Trinitrotoluene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.88E+01*	*1.88E-02*
	Beetle	*24D*	*2,4-D / 2,4-Dichlorophenoxyacetic acid*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*8.50E+01*	*8.50E-02*
	Beetle	*BAANTR*	*Benzo[a]anthracene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.00E-01*	*6.00E-04*
	Beetle	*BKFANT*	*Benzo[k]fluoranthene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*5.50E-01*	*5.50E-04*
	Beetle	*CHRY*	*Chrysene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.50E-01*	*6.50E-04*
	Beetle	*FANT*	*Fluoranthene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.45E+00*	*1.45E-03*
	Beetle	*PHANTR*	*Phenanthrene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.70E+00*	*1.70E-03*
	Beetle	*PYR*	*Pyrene*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.00E-01*	*6.00E-04*
	Beetle	*RDX*	*RDX / Cyclonite*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6.40E+00*	*6.40E-03*

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-2 (cont.)	Grasshopper	246TNT	2,4,6-Trinitrotoluene	0	0	0	0	0	0	0	0	1.88E+01	1.88E-02
	Grasshopper	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	0	0	0	0	0	0	0	8.50E+01	8.50E-02
	Grasshopper	BAANTR	Benzo[a]anthracene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BKFANT	Benzo[k]fluoranthene	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRY	Chrysene	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FANT	Fluoranthene	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHANTR	Phenanthrene	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYR	Pyrene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	RDX	RDX / Cyclonite	0	0	0	0	0	0	0	0	6.40E+00	6.40E-03
	Jackrabbit	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	246TNT	2,4,6-Trinitrotoluene	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00
	Jackrabbit	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	0	0	0	0	0	0	0	6.00E+02	6.00E-01
	Jackrabbit	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	0	0	0	0	0	0	0	0.00E+00	4.25E-06
	Jackrabbit	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	AG	Silver	0	0	0	0	0	0	0	0	0.00E+00	1.86E-01
	Jackrabbit	AL	Aluminum	0	0	0	0	0	0	0	0	0.00E+00	4.33E+00
	Jackrabbit	AS	Arsenic	0	0	0	0	0	0	0	0	0.00E+00	1.34E-01
	Jackrabbit	BA	Barium	0	0	0	0	0	0	0	0	0.00E+00	1.67E+01
	Jackrabbit	BAANTR	Benzo[a]anthracene	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BE	Beryllium	0	0	0	0	0	0	0	0	0.00E+00	1.30E-03
	Jackrabbit	BKFANT	Benzo[k]fluoranthene	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	CD	Cadmium	0	0	0	0	0	0	0	0	0.00E+00	4.48E-01
	Jackrabbit	CHRY	Chrysene	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	CO	Cobalt	0	0	0	0	0	0	0	0	0.00E+00	2.61E-03
	Jackrabbit	CR	Chromium	0	0	0	0	0	0	0	0	0.00E+00	4.98E-02
	Jackrabbit	CU	Copper	0	0	0	0	0	0	0	0	0.00E+00	4.00E+01
	Jackrabbit	FANT	Fluoranthene	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	FE	Iron	0	0	0	0	0	0	0	0	0.00E+00	4.77E+01
	Jackrabbit	HG	Mercury	0	0	0	0	0	0	0	0	0.00E+00	1.33E-02
	Jackrabbit	MN	Manganese	0	0	0	0	0	0	0	0	0.00E+00	2.68E-01
	Jackrabbit	NI	Nickel	0	0	0	0	0	0	0	0	0.00E+00	4.96E-02

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-2 (cont.)	Jackrabbit	OCDD	Octachlorodibenzodioxin - nonspecific	0	0	0	0	0	0	0	0	0.00E+00	3.29E-05
	Jackrabbit	OCDF	Octachlorodibenzofuran - nonspecific	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	PB	Lead	0	0	0	0	0	0	0	0	0.00E+00	1.36E+02
	Jackrabbit	PHANTR	Phenanthrene	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	0	0	0	0	0	0	0	0.00E+00	4.11E-03
	Jackrabbit	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	0	0	0	0	0	0	0	0.00E+00	1.84E-02
	Jackrabbit	PYR	Pyrene	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	RDX	RDX / Cyclonite	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00
	Jackrabbit	SB	Antimony	0	0	0	0	0	0	0	0	0.00E+00	3.49E+00
	Jackrabbit	SE	Selenium	0	0	0	0	0	0	0	0	0.00E+00	4.20E-01
	Jackrabbit	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	0	0	0	0	0	0	0	0.00E+00	2.09E-07
	Jackrabbit	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	8.98E-08
	Jackrabbit	THCDD	Total hexachlorodibenzo-p-dioxins	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	THCDF	Total hexachlorodibenzofurans	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	THPCDD	Total heptachlorodibenzo-p-dioxins	0	0	0	0	0	0	0	0	0.00E+00	4.25E-06
	Jackrabbit	THPCDF	Total heptachlorodibenzofurans	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	TPCDD	Total pentachlorodibenzo-p-dioxins	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	TPCDF	Total pentachlorodibenzofurans	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	TTCDD	Total tetrachlorodibenzo-p-dioxins	0	0	0	0	0	0	0	0	0.00E+00	2.09E-07
	Jackrabbit	TTCDF	Total tetrachlorodibenzofurans	0	0	0	0	0	0	0	0	0.00E+00	8.98E-08
	Jackrabbit	V	Vanadium	0	0	0	0	0	0	0	0	0.00E+00	2.77E-02
	Jackrabbit	ZN	Zinc	0	0	0	0	0	0	0	0	0.00E+00	1.03E+02
RSA	Beetle	246TNT	2,4,6-Trinitrotoluene	0	0	0	0	0	0	0	0	1.88E+01	1.88E-02
	Beetle	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	0	0	0	0	0	0	0	8.50E+01	8.50E-02
	Beetle	BAANTR	Benzo[a]anthracene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BKFANT	Benzo[k]fluoranthene	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRY	Chrysene	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FANT	Fluoranthene	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHANTR	Phenanthrene	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYR	Pyrene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	RDX	RDX / Cyclonite	0	0	0	0	0	0	0	0	6.40E+00	6.40E-03
	Grasshopper	246TNT	2,4,6-Trinitrotoluene	0	0	0	0	0	0	0	0	1.88E+01	1.88E-02
	Grasshopper	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	0	0	0	0	0	0	0	8.50E+01	8.50E-02
	Grasshopper	BAANTR	Benzo[a]anthracene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BKFANT	Benzo[k]fluoranthene	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRY	Chrysene	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FANT	Fluoranthene	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHANTR	Phenanthrene	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYR	Pyrene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	RDX	RDX / Cyclonite	0	0	0	0	0	0	0	0	6.40E+00	6.40E-03
	Jackrabbit	246TNT	2,4,6-Trinitrotoluene	0	0	0	0	0	0	0	0	0.00E+00	0

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
RSA (cont.)	*Jackrabbit*	*RDX*	*RDX / Cyclonite*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0.00E+00*	*0*

[1]Italics indicate that the Cterm value represents modeled or calculated data, or data based on 1/2 the method detection limit.

Final Hazard Quotients for Analytes in Biota - ESA Basis

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1	Beetle	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	8.17E-02	2.95E-03	7.79E-05	1.55E-04	1.55E-04	8.74E-02	2.81E-03	3.05E-02	2.08E-03	ND[Q]	ND
	Beetle	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.77E-03	6.40E-05	1.69E-06	3.38E-06	3.38E-06	1.90E-03	6.10E-05	6.63E-04	4.51E-05	ND	ND
	Beetle	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.64E-02	5.91E-04	1.56E-05	3.12E-05	3.12E-05	1.75E-02	5.63E-04	6.12E-03	4.17E-04	ND	ND
	Beetle	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	5.74E-05	2.07E-06	5.48E-08	1.09E-07	1.09E-07	6.14E-05	1.97E-06	2.15E-05	1.46E-06	ND	ND
	Beetle	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2.42E-04	8.73E-06	2.31E-07	4.61E-07	4.61E-07	2.59E-04	8.32E-06	9.05E-05	6.16E-06	ND	ND
	Beetle	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.10E-01	3.95E-03	1.05E-04	2.08E-04	2.08E-04	1.17E-01	3.77E-03	4.09E-02	2.78E-03	ND	ND
	Beetle	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2.61E-05	9.41E-07	2.49E-08	4.96E-08	4.96E-08	2.79E-05	8.97E-07	9.75E-06	6.63E-07	ND	ND
	Beetle	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.25E-01	4.50E-03	1.19E-04	2.39E-04	2.39E-04	1.34E-01	4.31E-03	4.68E-02	3.18E-03	ND	ND
	Beetle	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	4.34E-03	1.57E-04	4.14E-06	8.31E-06	8.31E-06	4.66E-03	1.50E-04	1.63E-03	1.11E-04	ND	ND
	Beetle	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.45E-04	5.23E-06	1.38E-07	2.76E-07	2.76E-07	1.55E-04	4.99E-06	5.42E-05	3.69E-06	ND	ND
	Beetle	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	1.09E-04	3.93E-06	1.04E-07	2.07E-07	2.07E-07	1.17E-04	3.75E-06	4.08E-05	2.77E-06	ND	ND
	Beetle	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1.93E-02	6.96E-04	1.84E-05	3.67E-05	3.67E-05	2.07E-02	6.64E-04	7.22E-03	4.91E-04	ND	ND
	Beetle	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	7.02E-02	2.53E-03	6.70E-05	1.34E-04	1.34E-04	7.53E-02	2.42E-03	2.63E-02	1.79E-03	ND	ND
	Beetle	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.51E-01	5.46E-03	1.44E-04	2.88E-04	2.88E-04	1.62E-01	5.20E-03	5.66E-02	3.85E-03	ND	ND
	Beetle	TCDF	2,3,7,8-Tetrachlorodibenzofuran	6.89E-03	2.48E-04	6.57E-06	1.31E-05	1.31E-05	9.82E-03	2.37E-04	2.57E-03	1.75E-04	ND	ND
	Beetle	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	2.98E+00	1.08E-01	2.85E-03	2.85E-03	1.14E-03	7.51E-03	1.81E-04	1.97E-03	1.34E-04	ND	2.15E-04
	Beetle	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	9.72E-01	3.50E-02	9.27E-04	9.27E-04	3.71E-04	2.45E-03	5.91E-05	6.43E-04	4.37E-05	ND	7.00E-05
	Beetle	AG	Silver	2.34E-02	8.42E-04	2.23E-05	4.44E-05	4.44E-05	1.15E-03	1.77E-05	2.40E-04	1.63E-05	2.10E-02	ND
	Beetle	AL	Aluminum	ND	ND	ND	ND	ND	2.61E+00	6.30E-02	5.48E-01	4.65E-02	1.60E-01	4.18E-02
	Beetle	AS	Arsenic	1.39E+00	5.01E-02	1.32E-03	2.65E-03	2.65E-03	8.20E-01	2.64E-02	2.87E-01	1.96E-02	2.80E-01	4.67E-02
	Beetle	BA	Barium	4.08E-01	1.47E-02	3.89E-04	7.78E-04	7.78E-04	5.35E-01	1.73E-02	1.88E-01	1.27E-02	1.14E-02	ND
	Beetle	BE	Beryllium	1.43E-04	5.16E-06	1.37E-07	2.73E-07	2.73E-07	5.25E-05	1.69E-06	1.84E-05	1.25E-06	2.00E-04	ND
	Beetle	CD	Cadmium	4.70E+00	1.69E-01	4.48E-03	8.32E-03	8.32E-03	1.97E-01	6.31E-03	6.87E-02	4.67E-03	1.47E-01	2.20E-02
	Beetle	CO	Cobalt	1.24E-03	4.47E-05	1.18E-06	2.36E-06	2.36E-06	6.98E-01	2.15E-02	2.34E-01	1.99E-02	7.50E-03	ND
	Beetle	CR	Chromium	2.56E+00	9.24E-02	2.44E-03	4.89E-03	4.89E-03	4.46E-02	8.61E-04	9.36E-03	5.09E-04	6.40E-03	1.20E+00
	Beetle	CU	Copper	1.53E+00	5.52E-02	1.46E-03	2.92E-03	2.92E-03	2.89E+00	5.58E-02	6.06E-01	3.30E-02	1.22E-01	1.46E-01
	Beetle	FE	Iron	2.63E+00	9.50E-02	2.51E-03	5.03E-03	5.03E-03	8.44E+00	2.72E-01	2.95E+00	2.00E-01	ND	1.48E-01
	Beetle	HG	Mercury	8.33E-02	3.00E-03	7.95E-05	1.59E-04	1.59E-04	3.38E-02	8.28E-04	9.00E-03	6.12E-04	1.00E-01	3.00E-02
	Beetle	MN	Manganese	1.91E-01	6.90E-03	1.83E-04	3.65E-04	3.65E-04	1.89E-01	6.08E-03	6.61E-02	4.50E-03	2.26E-02	ND
	Beetle	NI	Nickel	2.10E-01	7.57E-03	2.00E-04	4.00E-04	4.00E-04	3.11E-02	9.99E-04	1.09E-02	7.39E-04	3.52E-03	4.40E-03
	Beetle	OCDD	Octachlorodibenzodioxin - nonspecific	5.57E-04	2.01E-05	5.32E-07	1.06E-06	1.06E-06	5.97E-04	1.92E-05	2.08E-04	1.42E-05	ND	ND
	Beetle	OCDF	Octachlorodibenzofuran - nonspecific	6.78E-04	2.45E-05	6.47E-07	1.29E-06	1.29E-06	7.26E-04	2.33E-05	2.54E-04	1.72E-05	ND	ND
	Beetle	PB	Lead	1.87E+00	1.35E-02	1.78E-03	2.85E-03	2.85E-03	1.09E+00	3.50E-02	3.80E-01	2.59E-02	7.89E-03	6.44E-03
	Beetle	SB	Antimony	ND	ND	ND	ND	ND	1.10E+00	3.53E-02	3.84E-01	2.61E-02	1.18E-01	ND
	Beetle	SE	Selenium	1.82E+00	6.55E-02	1.73E-03	3.22E-03	3.22E-03	1.26E+00	3.05E-02	3.32E-01	2.26E-02	1.70E-01	2.43E-03
	Beetle	THPCDD	Total heptachlorodibenzo-p-dioxins	2.69E-03	9.69E-05	2.56E-06	5.11E-06	5.11E-06	2.88E-01	9.24E-03	1.00E-01	6.83E-03	ND	ND
	Beetle	THPCDF	Total heptachlorodibenzofurans	2.05E-03	7.38E-05	1.95E-06	3.89E-06	3.89E-06	2.19E-01	7.03E-03	7.65E-02	5.20E-03	ND	ND
	Beetle	THCDD	Total hexachlorodibenzo-p-dioxins	1.56E-02	5.63E-04	1.49E-05	2.97E-05	2.97E-05	1.67E-01	5.36E-03	5.83E-02	3.97E-03	ND	ND
	Beetle	THCDF	Total hexachlorodibenzofurans	1.03E-02	3.71E-04	9.81E-06	1.96E-05	1.96E-05	1.10E-01	3.53E-03	3.84E-02	2.61E-03	ND	ND
	Beetle	TPCDD	Total pentachlorodibenzo-p-dioxins	1.52E-01	5.49E-03	1.45E-04	2.92E-04	2.92E-04	3.27E-01	1.05E-02	1.14E-01	7.77E-03	ND	ND
	Beetle	TPCDF	Total pentachlorodibenzofurans	4.42E-01	1.59E-02	4.22E-04	8.46E-04	8.46E-04	9.50E-01	3.05E-02	3.32E-01	2.26E-02	ND	ND
	Beetle	TTCDD	Total tetrachlorodibenzo-p-dioxins	2.71E-01	9.79E-03	2.59E-04	5.16E-04	5.16E-04	2.90E-01	9.33E-03	1.01E-01	6.90E-03	ND	ND
	Beetle	TTCDF	Total tetrachlorodibenzofurans	2.50E-02	9.03E-04	2.39E-05	4.77E-05	4.77E-05	2.68E-02	8.61E-04	9.36E-03	6.37E-04	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1 (cont.)	Beetle	V	Vanadium	ND	ND	ND	ND	ND	1.68E-01	2.57E-03	3.53E-02	2.36E-03	1.20E-01	ND
	Beetle	ZN	Zinc	1.46E+01	5.28E-01	1.40E-02	2.79E-02	2.79E-02	3.11E+00	4.80E-02	6.53E-01	4.44E-02	1.14E+00	2.85E-01
	Grasshopper	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.71E-03	9.79E-05	2.59E-06	5.16E-06	5.16E-06	2.90E-03	9.33E-05	1.01E-03	6.90E-05	ND	ND
	Grasshopper	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.18E-03	4.27E-05	1.13E-06	2.25E-06	2.25E-06	1.27E-03	4.07E-05	4.43E-04	3.01E-05	ND	ND
	Grasshopper	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.34E-02	4.84E-04	1.28E-05	2.55E-05	2.55E-05	1.44E-02	4.61E-04	5.01E-03	3.41E-04	ND	ND
	Grasshopper	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	9.71E-05	3.50E-06	9.26E-08	1.85E-07	1.85E-07	1.04E-04	3.34E-06	3.63E-05	2.47E-06	ND	ND
	Grasshopper	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.61E-04	5.82E-06	1.54E-07	3.07E-07	3.07E-07	1.73E-04	5.54E-06	6.03E-05	4.10E-06	ND	ND
	Grasshopper	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.31E-02	4.74E-04	1.25E-05	2.50E-05	2.50E-05	1.41E-02	4.52E-04	4.92E-03	3.34E-04	ND	ND
	Grasshopper	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	7.31E-05	2.63E-06	6.97E-08	1.39E-07	1.39E-07	7.82E-05	2.51E-06	2.73E-05	1.86E-06	ND	ND
	Grasshopper	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	6.81E-02	2.46E-03	6.50E-05	1.30E-04	1.30E-04	7.31E-02	2.35E-03	2.56E-02	1.74E-03	ND	ND
	Grasshopper	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	4.42E-03	1.59E-04	4.22E-06	8.46E-06	8.46E-06	4.74E-03	1.52E-04	1.66E-03	1.13E-04	ND	ND
	Grasshopper	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.19E-04	4.29E-06	1.14E-07	2.26E-07	2.26E-07	1.27E-04	4.09E-06	4.45E-05	3.02E-06	ND	ND
	Grasshopper	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	9.29E-05	3.35E-06	8.86E-08	1.77E-07	1.77E-07	9.94E-05	3.19E-06	3.47E-05	2.36E-06	ND	ND
	Grasshopper	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1.41E-02	5.08E-04	1.34E-05	2.68E-05	2.68E-05	1.51E-02	4.84E-04	5.27E-03	3.58E-04	ND	ND
	Grasshopper	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	4.05E-02	1.46E-03	3.87E-05	7.77E-05	7.77E-05	4.35E-02	1.40E-03	1.52E-02	1.03E-03	ND	ND
	Grasshopper	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	8.35E-02	3.01E-03	7.97E-05	1.59E-04	1.59E-04	8.94E-02	2.87E-03	3.12E-02	2.12E-03	ND	ND
	Grasshopper	TCDF	2,3,7,8-Tetrachlorodibenzofuran	7.31E-03	2.63E-04	6.97E-06	1.39E-05	1.39E-05	1.04E-02	2.51E-04	2.73E-03	1.86E-04	ND	ND
	Grasshopper	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	1.18E-01	4.26E-03	1.13E-04	1.13E-04	4.50E-05	2.97E-04	7.18E-06	7.80E-05	5.31E-06	ND	8.50E-06
	Grasshopper	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	8.33E-02	3.00E-03	7.95E-05	7.95E-05	3.18E-05	2.10E-04	5.06E-06	5.51E-05	3.75E-06	ND	6.00E-06
	Grasshopper	AG	Silver	2.33E-02	8.39E-04	2.22E-05	4.42E-05	4.42E-05	1.14E-03	1.76E-05	2.40E-04	1.63E-05	2.09E-02	ND
	Grasshopper	AL	Aluminum	ND	ND	ND	ND	ND	3.64E-01	8.77E-03	7.63E-02	6.48E-03	2.23E-02	5.82E-03
	Grasshopper	AS	Arsenic	4.71E-02	1.70E-03	4.49E-05	8.99E-05	8.99E-05	2.78E-02	8.97E-04	9.75E-03	6.63E-04	9.50E-03	1.58E-03
	Grasshopper	BA	Barium	1.07E-01	3.87E-03	1.02E-04	2.05E-04	2.05E-04	1.41E-01	4.54E-03	4.94E-02	3.34E-03	3.00E-03	ND
	Grasshopper	BE	Beryllium	1.43E-04	5.16E-06	1.37E-07	2.73E-07	2.73E-07	5.25E-05	1.69E-06	1.84E-05	1.25E-06	2.00E-04	ND
	Grasshopper	CD	Cadmium	3.84E+00	1.39E-01	3.67E-03	6.81E-03	6.81E-03	1.61E-01	5.17E-03	5.62E-02	3.82E-03	1.20E-01	1.80E-02
	Grasshopper	CO	Cobalt	2.71E-04	9.77E-06	2.59E-07	5.17E-07	5.17E-07	1.53E-01	4.71E-03	5.12E-02	4.35E-03	1.64E-03	ND
	Grasshopper	CR	Chromium	1.17E+00	4.24E-02	1.12E-03	2.24E-03	2.24E-03	2.05E-02	3.95E-04	4.29E-03	2.33E-04	2.93E-03	5.50E-01
	Grasshopper	CU	Copper	3.04E+00	1.10E-01	2.90E-03	5.80E-03	5.80E-03	5.73E+00	1.11E-01	1.20E+00	6.55E-02	2.42E-01	2.89E-01
	Grasshopper	FE	Iron	6.05E-01	2.18E-02	5.77E-04	1.15E-03	1.15E-03	1.94E+00	6.24E-02	6.78E-01	4.60E-02	ND	3.40E-02
	Grasshopper	HG	Mercury	2.78E-02	1.00E-03	2.65E-05	5.30E-05	5.30E-05	1.13E-02	2.76E-04	3.00E-03	2.04E-04	3.33E-02	1.00E-02
	Grasshopper	MN	Manganese	3.37E-02	1.21E-03	3.21E-05	6.42E-05	6.42E-05	3.33E-02	1.07E-03	1.16E-02	7.91E-04	3.98E-03	ND
	Grasshopper	NI	Nickel	1.88E-01	6.80E-03	1.80E-04	3.60E-04	3.60E-04	2.79E-02	8.97E-04	9.75E-03	6.63E-04	3.16E-03	3.95E-03
	Grasshopper	OCDD	Octachlorodibenzodioxin - nonspecific	1.15E-03	4.14E-05	1.10E-06	2.18E-06	2.18E-06	1.23E-03	3.95E-05	4.29E-04	2.92E-05	ND	ND
	Grasshopper	OCDF	Octachlorodibenzofuran - nonspecific	3.50E-04	1.26E-05	3.34E-07	6.65E-07	6.65E-07	3.74E-04	1.20E-05	1.31E-04	8.89E-06	ND	ND
	Grasshopper	PB	Lead	2.73E-01	1.97E-03	2.60E-04	4.17E-04	4.17E-04	1.59E-01	5.11E-03	5.56E-02	3.78E-03	1.15E-03	9.41E-04
	Grasshopper	SB	Antimony	ND	ND	ND	ND	ND	1.95E-01	6.28E-03	6.83E-02	4.64E-03	2.10E-02	ND
	Grasshopper	SE	Selenium	2.03E+00	7.32E-02	1.94E-03	3.59E-03	3.59E-03	1.41E+00	3.41E-02	3.71E-01	2.52E-02	1.90E-01	2.71E-03
	Grasshopper	THPCDD	Total heptachlorodibenzo-p-dioxins	7.45E-03	2.69E-04	7.11E-06	1.42E-05	1.42E-05	7.97E-01	2.56E-02	2.78E-01	1.89E-02	ND	ND
	Grasshopper	THPCDF	Total heptachlorodibenzofurans	1.37E-03	4.93E-05	1.30E-06	2.60E-06	2.60E-06	1.46E-01	4.70E-03	5.11E-02	3.48E-03	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1 (cont.)	Grasshopper	THCDD	Total hexachlorodibenzo-p-dioxins	1.28E-02	4.61E-04	1.22E-05	2.43E-05	2.43E-05	1.37E-01	4.39E-03	4.78E-02	3.25E-03	ND	ND
	Grasshopper	THCDF	Total hexachlorodibenzofurans	3.10E-02	1.12E-03	2.96E-05	5.90E-05	5.90E-05	3.32E-01	1.07E-02	1.16E-01	7.89E-03	ND	ND
	Grasshopper	TPCDD	Total pentachlorodibenzo-p-dioxins	6.81E-02	2.46E-03	6.50E-05	1.30E-04	1.30E-04	1.46E-01	4.70E-03	5.11E-02	3.48E-03	ND	ND
	Grasshopper	TPCDF	Total pentachlorodibenzofurans	4.24E-02	1.53E-03	4.04E-05	8.12E-05	8.12E-05	9.10E-02	2.92E-03	3.18E-02	2.16E-03	ND	ND
	Grasshopper	TTCDD	Total tetrachlorodibenzo-p-dioxins	8.35E-02	3.01E-03	7.97E-05	1.59E-04	1.59E-04	8.94E-02	2.87E-03	3.12E-02	2.12E-03	ND	ND
	Grasshopper	TTCDF	Total tetrachlorodibenzofurans	7.31E-03	2.63E-04	6.97E-06	1.39E-05	1.39E-05	7.82E-03	2.51E-04	2.73E-03	1.86E-04	ND	ND
	Grasshopper	V	Vanadium	ND	ND	ND	ND	ND	2.44E-02	3.73E-04	5.12E-03	3.42E-04	1.74E-02	ND
	Grasshopper	ZN	Zinc	1.56E+01	5.61E-01	1.48E-02	2.97E-02	2.97E-02	3.31E+00	5.11E-02	6.94E-01	4.72E-02	1.21E+00	3.03E-01
	Gumweed	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.66E-02	5.97E-04	1.58E-05	3.15E-05	3.15E-05	1.77E-02	5.69E-04	6.19E-03	4.21E-04	ND	ND
	Gumweed	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	6.48E-03	2.34E-04	6.18E-06	1.23E-05	1.23E-05	6.93E-03	2.23E-04	2.42E-03	1.65E-04	ND	ND
	Gumweed	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	3.87E-02	1.40E-03	3.69E-05	7.37E-05	7.37E-05	4.14E-02	1.33E-03	1.45E-02	9.84E-04	ND	ND
	Gumweed	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2.11E-04	7.60E-06	2.01E-07	4.01E-07	4.01E-07	2.26E-04	7.25E-06	7.88E-05	5.36E-06	ND	ND
	Gumweed	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	3.46E-04	1.25E-05	3.30E-07	6.58E-07	6.58E-07	3.70E-04	1.19E-05	1.29E-04	8.80E-06	ND	ND
	Gumweed	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3.24E-02	1.17E-03	3.09E-05	6.17E-05	6.17E-05	3.47E-02	1.11E-03	1.21E-02	8.24E-04	ND	ND
	Gumweed	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.69E-04	6.08E-06	1.61E-07	3.21E-07	3.21E-07	1.80E-04	5.79E-06	6.30E-05	4.29E-06	ND	ND
	Gumweed	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.20E-01	4.32E-03	1.14E-04	2.30E-04	2.30E-04	1.29E-01	4.13E-03	4.50E-02	3.06E-03	ND	ND
	Gumweed	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	8.21E-03	2.96E-04	7.84E-06	1.57E-05	1.57E-05	8.81E-03	2.83E-04	3.08E-03	2.10E-04	ND	ND
	Gumweed	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	3.51E-04	1.27E-05	3.35E-07	6.68E-07	6.68E-07	3.76E-04	1.21E-05	1.31E-04	8.93E-06	ND	ND
	Gumweed	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	2.26E-04	8.15E-06	2.16E-07	4.30E-07	4.30E-07	2.42E-04	7.77E-06	8.45E-05	5.74E-06	ND	ND
	Gumweed	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	2.60E+01	5.02E-01	5.46E+00	2.32E-01	3.33E+00	ND
	Gumweed	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	2.05E+00	3.95E-02	4.29E-01	1.72E-02	ND	ND
	Gumweed	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	2.02E-02	7.30E-04	1.93E-05	3.85E-05	3.85E-05	2.17E-02	6.96E-04	7.57E-03	5.15E-04	ND	ND
	Gumweed	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	7.93E-02	2.86E-03	7.56E-05	1.52E-04	1.52E-04	8.51E-02	2.74E-03	2.97E-02	2.02E-03	ND	ND
	Gumweed	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.78E-01	6.44E-03	1.70E-04	3.40E-04	3.40E-04	1.91E-01	6.13E-03	6.67E-02	4.54E-03	ND	ND
	Gumweed	TCDF	2,3,7,8-Tetrachlorodibenzofuran	8.09E-02	2.92E-03	7.72E-05	1.54E-04	1.54E-04	1.15E-01	2.78E-03	3.03E-02	2.06E-03	ND	ND
	Gumweed	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	2.36E+00	8.51E-02	2.25E-03	2.25E-03	9.01E-04	5.94E-03	1.44E-04	1.56E-03	1.06E-04	ND	1.70E-04
	Gumweed	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	7.98E-01	2.88E-02	7.61E-04	7.61E-04	3.05E-04	2.01E-03	4.85E-05	5.28E-04	3.59E-05	ND	5.75E-05
	Gumweed	AG	Silver	4.40E-02	1.59E-03	4.20E-05	8.37E-05	8.37E-05	2.16E-03	3.33E-05	4.53E-04	3.08E-05	3.95E-02	ND
	Gumweed	AL	Aluminum	ND	ND	ND	ND	ND	3.30E+00	7.97E-02	6.93E-01	5.89E-02	2.03E-01	5.29E-02
	Gumweed	AS	Arsenic	4.61E-01	1.66E-02	4.40E-04	8.80E-04	8.80E-04	2.72E-01	8.78E-03	9.55E-02	6.49E-03	9.30E-02	1.55E-02
	Gumweed	BA	Barium	2.02E+00	7.30E-02	1.93E-03	3.86E-03	3.86E-03	2.66E+00	8.56E-02	9.31E-01	6.30E-02	5.65E-02	ND
	Gumweed	BE	Beryllium	2.15E-04	7.74E-06	2.05E-07	4.10E-07	4.10E-07	7.88E-05	2.53E-06	2.75E-05	1.87E-06	3.00E-04	ND
	Gumweed	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.34E-04	4.28E-06	4.66E-05	3.22E-06	1.60E-05	2.31E-06
	Gumweed	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.36E-04	4.34E-06	4.72E-05	3.26E-06	1.62E-05	2.34E-06
	Gumweed	CD	Cadmium	2.12E+01	7.63E-01	2.02E-02	3.75E-02	3.75E-02	8.88E-01	2.84E-02	3.09E-01	2.10E-02	6.61E-01	9.91E-02
	Gumweed	CHRY	Chrysene	ND	ND	ND	ND	ND	7.96E-04	2.54E-05	2.77E-04	1.91E-05	9.50E-05	1.37E-05
	Gumweed	CO	Cobalt	1.06E-03	3.84E-05	1.01E-06	2.03E-06	2.03E-06	5.99E-01	1.85E-02	2.01E-01	1.71E-02	6.44E-03	ND
	Gumweed	CR	Chromium	2.45E+00	8.83E-02	2.34E-03	4.67E-03	4.67E-03	4.27E-02	8.23E-04	8.95E-03	4.87E-04	6.12E-03	1.15E+00
	Gumweed	CU	Copper	1.24E+00	4.48E-02	1.19E-03	2.37E-03	2.37E-03	2.35E+00	4.52E-02	4.92E-01	2.68E-02	9.90E-02	1.18E-01
	Gumweed	FE	Iron	2.47E+00	8.92E-02	2.36E-03	4.72E-03	4.72E-03	7.93E+00	2.55E-01	2.77E+00	1.88E-01	ND	1.39E-01
	Gumweed	FANT	Fluoranthene	ND	ND	ND	ND	ND	4.20E-03	1.34E-04	1.46E-03	1.01E-04	5.01E-04	7.24E-05

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1 (cont.)	Gumweed	HG	Mercury	2.78E-02	1.00E-03	2.65E-05	5.30E-05	5.30E-05	1.13E-02	2.76E-04	3.00E-03	2.04E-04	3.33E-02	1.00E-02
	Gumweed	MN	Manganese	4.76E-01	1.72E-02	4.54E-04	9.08E-04	9.08E-04	4.70E-01	1.51E-02	1.64E-01	1.12E-02	5.62E-02	ND
	Gumweed	NI	Nickel	2.39E-01	8.60E-03	2.28E-04	4.55E-04	4.55E-04	3.53E-02	1.14E-03	1.23E-02	8.40E-04	4.00E-03	5.00E-03
	Gumweed	OCDD	Octachlorodibenzodioxin - nonspecific	1.03E-02	3.70E-04	9.78E-06	1.95E-05	1.95E-05	1.10E-02	3.52E-04	3.83E-03	2.61E-04	ND	ND
	Gumweed	OCDF	Octachlorodibenzofuran - nonspecific	8.46E-04	3.05E-05	8.07E-07	1.61E-06	1.61E-06	9.05E-04	2.91E-05	3.16E-04	2.15E-05	ND	ND
	Gumweed	PB	Lead	1.27E+01	9.15E-02	1.21E-02	1.94E-02	1.94E-02	7.41E+00	2.38E-01	2.58E+00	1.76E-01	5.37E-02	4.37E-02
	Gumweed	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	2.07E-02	6.62E-04	7.19E-03	4.97E-04	2.47E-03	3.57E-04
	Gumweed	PYR	Pyrene	ND	ND	ND	ND	ND	2.42E-03	7.72E-05	8.39E-04	5.79E-05	2.88E-04	4.17E-05
	Gumweed	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	2.10E+01	7.09E-01	7.70E+00	5.24E-01	ND	ND
	Gumweed	SB	Antimony	ND	ND	ND	ND	ND	3.07E-01	9.87E-03	1.07E-01	7.30E-03	3.30E-02	ND
	Gumweed	SE	Selenium	8.10E+00	2.92E-01	7.73E-03	1.43E-02	1.43E-02	5.64E+00	1.36E-01	1.48E+00	1.01E-01	7.58E-01	1.08E-02
	Gumweed	THPCDD	Total heptachlorodibenzo-p-dioxins	3.96E-02	1.43E-03	3.78E-05	7.53E-05	7.53E-05	4.24E+00	1.36E-01	1.48E+00	1.01E-01	ND	ND
	Gumweed	THPCDF	Total heptachlorodibenzofurans	6.59E-03	2.38E-04	6.29E-06	1.25E-05	1.25E-05	7.05E-01	2.26E-02	2.46E-01	1.67E-02	ND	ND
	Gumweed	THCDD	Total hexachlorodibenzo-p-dioxins	3.96E-02	1.43E-03	3.78E-05	7.54E-05	7.54E-05	4.24E-01	1.36E-02	1.48E-01	1.01E-02	ND	ND
	Gumweed	THCDF	Total hexachlorodibenzofurans	3.53E-02	1.27E-03	3.37E-05	6.71E-05	6.71E-05	3.78E-01	1.21E-02	1.32E-01	8.97E-03	ND	ND
	Gumweed	TPCDD	Total pentachlorodibenzo-p-dioxins	1.20E-01	4.32E-03	1.14E-04	2.30E-04	2.30E-04	2.57E-01	8.27E-03	8.99E-02	6.12E-03	ND	ND
	Gumweed	TPCDF	Total pentachlorodibenzofurans	2.82E-01	1.02E-02	2.69E-04	5.39E-04	5.39E-04	6.05E-01	1.94E-02	2.11E-01	1.44E-02	ND	ND
	Gumweed	TTCDD	Total tetrachlorodibenzo-p-dioxins	3.36E-01	1.21E-02	3.21E-04	6.40E-04	6.40E-04	3.60E-01	1.16E-02	1.26E-01	8.55E-03	ND	ND
	Gumweed	TTCDF	Total tetrachlorodibenzofurans	1.61E-01	5.81E-03	1.54E-04	3.06E-04	3.06E-04	1.72E-01	5.54E-03	6.02E-02	4.09E-03	ND	ND
	Gumweed	V	Vanadium	ND	ND	ND	ND	ND	1.33E-01	2.03E-03	2.80E-02	1.87E-03	9.50E-02	ND
	Gumweed	ZN	Zinc	1.01E+01	3.63E-01	9.60E-03	1.92E-02	1.92E-02	2.14E+00	3.30E-02	4.49E-01	3.05E-02	7.83E-01	1.96E-01
	Jackrabbit	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.04E-01	3.77E-03	9.97E-05	1.99E-04	1.99E-04	1.12E-01	3.59E-03	3.91E-02	2.66E-03	ND	ND
	Jackrabbit	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.83E-02	1.02E-03	2.70E-05	5.38E-05	5.38E-05	3.03E-02	9.72E-04	1.06E-02	7.19E-04	ND	ND
	Jackrabbit	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.35E-02	8.48E-04	2.24E-05	4.47E-05	4.47E-05	2.52E-02	8.08E-04	8.79E-03	5.98E-04	ND	ND
	Jackrabbit	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2.52E-04	9.08E-06	2.40E-07	4.79E-07	4.79E-07	2.69E-04	8.65E-06	9.41E-05	6.40E-06	ND	ND
	Jackrabbit	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.85E-04	6.67E-06	1.77E-07	3.52E-07	3.52E-07	1.98E-04	6.36E-06	6.92E-05	4.70E-06	ND	ND
	Jackrabbit	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	4.58E-02	1.65E-03	4.37E-05	8.72E-05	8.72E-05	4.90E-02	1.58E-03	1.71E-02	1.16E-03	ND	ND
	Jackrabbit	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.57E-04	5.65E-06	1.50E-07	2.98E-07	2.98E-07	1.68E-04	5.39E-06	5.86E-05	3.98E-06	ND	ND
	Jackrabbit	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	5.39E-02	1.94E-03	5.14E-05	1.03E-04	1.03E-04	5.78E-02	1.86E-03	2.02E-02	1.37E-03	ND	ND
	Jackrabbit	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	6.91E-03	2.49E-04	6.60E-06	1.32E-05	1.32E-05	7.42E-03	2.39E-04	2.59E-03	1.76E-04	ND	ND
	Jackrabbit	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	3.15E-04	1.14E-05	3.00E-07	5.99E-07	5.99E-07	3.37E-04	1.08E-05	1.18E-04	8.00E-06	ND	ND
	Jackrabbit	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	1.92E-04	6.91E-06	1.83E-07	3.64E-07	3.64E-07	2.05E-04	6.58E-06	7.16E-05	4.87E-06	ND	ND
	Jackrabbit	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.12E+00	2.15E-02	2.34E-01	9.36E-03	ND	ND
	Jackrabbit	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	4.62E-02	1.67E-03	4.41E-05	8.80E-05	8.80E-05	4.95E-02	1.59E-03	1.73E-02	1.18E-03	ND	ND
	Jackrabbit	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	4.13E-02	1.49E-03	3.94E-05	7.90E-05	7.90E-05	4.43E-02	1.42E-03	1.55E-02	1.05E-03	ND	ND
	Jackrabbit	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.35E-01	4.87E-03	1.29E-04	2.57E-04	2.57E-04	1.45E-01	4.65E-03	5.05E-02	3.44E-03	ND	ND
	Jackrabbit	TCDF	2,3,7,8-Tetrachlorodibenzofuran	6.39E-03	2.30E-04	6.09E-06	1.21E-05	1.21E-05	9.10E-03	2.20E-04	2.39E-03	1.62E-04	ND	ND
	Jackrabbit	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	3.93E-02	1.42E-03	3.75E-05	3.75E-05	1.50E-05	9.90E-05	2.39E-06	2.60E-05	1.77E-06	ND	2.83E-06
	Jackrabbit	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	6.94E-01	2.50E-02	6.62E-04	6.62E-04	2.65E-04	1.75E-03	4.22E-05	4.59E-04	3.12E-05	ND	5.00E-05
	Jackrabbit	AG	Silver	1.03E-01	3.73E-03	9.87E-05	1.97E-04	1.97E-04	5.08E-03	7.84E-05	1.07E-03	7.24E-05	9.28E-02	ND
	Jackrabbit	AL	Aluminum	ND	ND	ND	ND	ND	4.90E-01	1.18E-02	1.03E-01	8.74E-03	3.01E-02	7.84E-03

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1 (cont.)	Jackrabbit	AS	Arsenic	6.69E-02	2.41E-03	6.39E-05	1.28E-04	1.28E-04	3.95E-02	1.27E-03	1.39E-02	9.43E-04	1.35E-02	2.25E-03
	Jackrabbit	BA	Barium	2.86E-01	1.03E-02	2.73E-04	5.46E-04	5.46E-04	3.75E-01	1.21E-02	1.32E-01	8.91E-03	7.99E-03	ND
	Jackrabbit	BE	Beryllium	1.43E-04	5.16E-06	1.37E-07	2.73E-07	2.73E-07	5.25E-05	1.69E-06	1.84E-05	1.25E-06	2.00E-04	ND
	Jackrabbit	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	3.54E-04	1.13E-05	1.23E-04	8.50E-06	4.23E-05	6.11E-06
	Jackrabbit	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	3.55E-04	1.13E-05	1.23E-04	8.52E-06	4.24E-05	6.12E-06
	Jackrabbit	CD	Cadmium	1.80E+00	6.48E-02	1.72E-03	3.19E-03	3.19E-03	7.55E-02	2.42E-03	2.63E-02	1.79E-03	5.61E-02	8.42E-03
	Jackrabbit	CHRY	Chrysene	ND	ND	ND	ND	ND	7.56E-04	2.42E-05	2.63E-04	1.81E-05	9.03E-05	1.30E-05
	Jackrabbit	CO	Cobalt	3.51E-04	1.27E-05	3.35E-07	6.70E-07	6.70E-07	1.98E-01	6.10E-03	6.63E-02	5.64E-03	2.13E-03	ND
	Jackrabbit	CR	Chromium	2.12E+00	7.64E-02	2.02E-03	4.04E-03	4.04E-03	3.69E-02	7.11E-04	7.73E-03	4.21E-04	5.29E-03	9.91E-01
	Jackrabbit	CU	Copper	2.08E+00	7.52E-02	1.99E-03	3.98E-03	3.98E-03	3.94E+00	7.59E-02	8.25E-01	4.50E-02	1.66E-01	1.98E-01
	Jackrabbit	FE	Iron	2.18E+00	7.87E-02	2.08E-03	4.16E-03	4.16E-03	7.00E+00	2.25E-01	2.45E+00	1.66E-01	ND	1.23E-01
	Jackrabbit	FANT	Fluoranthene	ND	ND	ND	ND	ND	8.90E-04	2.84E-05	3.09E-04	2.14E-05	1.06E-04	1.54E-05
	Jackrabbit	HG	Mercury	2.71E-02	9.77E-04	2.58E-05	5.17E-05	5.17E-05	1.10E-02	2.69E-04	2.93E-03	1.99E-04	3.25E-02	9.76E-03
	Jackrabbit	MN	Manganese	5.68E-02	2.05E-03	5.42E-05	1.08E-04	1.08E-04	5.61E-02	1.80E-03	1.96E-02	1.33E-03	6.71E-03	ND
	Jackrabbit	NI	Nickel	6.66E-02	2.40E-03	6.36E-05	1.27E-04	1.27E-04	9.87E-03	3.17E-04	3.45E-03	2.35E-04	1.12E-03	1.40E-03
	Jackrabbit	OCDD	Octachlorodibenzodioxin - nonspecific	6.33E-02	2.28E-03	6.04E-05	1.20E-04	1.20E-04	6.77E-02	2.18E-03	2.37E-02	1.61E-03	ND	ND
	Jackrabbit	OCDF	Octachlorodibenzofuran - nonspecific	3.81E-03	1.38E-04	3.64E-06	7.26E-06	7.26E-06	4.08E-03	1.31E-04	1.43E-03	9.70E-05	ND	ND
	Jackrabbit	PB	Lead	6.09E+01	4.39E-01	5.81E-02	9.31E-02	9.31E-02	3.56E+01	1.14E+00	1.24E+01	8.44E-01	2.58E-01	2.10E-01
	Jackrabbit	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	7.72E-04	2.47E-05	2.68E-04	1.85E-05	9.21E-05	1.33E-05
	Jackrabbit	PYR	Pyrene	ND	ND	ND	ND	ND	1.02E-03	3.25E-05	3.53E-04	2.44E-05	1.21E-04	1.75E-05
	Jackrabbit	SB	Antimony	ND	ND	ND	ND	ND	6.01E-01	1.93E-02	2.10E-01	1.43E-02	6.46E-02	ND
	Jackrabbit	SE	Selenium	1.33E+00	4.81E-02	1.27E-03	2.36E-03	2.36E-03	9.30E-01	2.24E-02	2.44E-01	1.66E-02	1.25E-01	1.79E-03
	Jackrabbit	THPCDD	Total heptachlorodibenzo-p-dioxins	1.08E-01	3.89E-03	1.03E-04	2.05E-04	2.05E-04	1.15E+01	3.70E-01	4.03E+00	2.74E-01	ND	ND
	Jackrabbit	THPCDF	Total heptachlorodibenzofurans	3.17E-02	1.14E-03	3.03E-05	6.04E-05	6.04E-05	3.40E+00	1.09E-01	1.19E+00	8.07E-02	ND	ND
	Jackrabbit	THCDD	Total hexachlorodibenzo-p-dioxins	8.58E-02	3.09E-03	8.18E-05	1.63E-04	1.63E-04	9.18E-01	2.95E-02	3.21E-01	2.18E-02	ND	ND
	Jackrabbit	THCDF	Total hexachlorodibenzofurans	9.59E-02	3.46E-03	9.15E-05	1.82E-04	1.82E-04	1.03E+00	3.30E-02	3.58E-01	2.44E-02	ND	ND
	Jackrabbit	TPCDD	Total pentachlorodibenzo-p-dioxins	5.39E-02	1.94E-03	5.14E-05	1.03E-04	1.03E-04	1.16E-01	3.72E-03	4.04E-02	2.75E-03	ND	ND
	Jackrabbit	TPCDF	Total pentachlorodibenzofurans	4.37E-02	1.58E-03	4.17E-05	8.37E-05	8.37E-05	9.39E-02	3.02E-03	3.28E-02	2.23E-03	ND	ND
	Jackrabbit	TTCDD	Total tetrachlorodibenzo-p-dioxins	6.79E-02	2.45E-03	6.48E-05	1.29E-04	1.29E-04	7.27E-02	2.33E-03	2.54E-02	1.73E-03	ND	ND
	Jackrabbit	TTCDF	Total tetrachlorodibenzofurans	6.39E-03	2.30E-04	6.09E-06	1.21E-05	1.21E-05	6.84E-03	2.20E-04	2.39E-03	1.62E-04	ND	ND
	Jackrabbit	V	Vanadium	ND	ND	ND	ND	ND	1.96E-02	2.99E-04	4.11E-03	2.75E-04	1.40E-02	ND
	Jackrabbit	ZN	Zinc	5.81E+00	2.09E-01	5.54E-03	1.11E-02	1.11E-02	1.24E+00	1.91E-02	2.59E-01	1.76E-02	4.52E-01	1.13E-01
	Rabbitbrush	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	8.72E-03	3.15E-04	8.32E-06	1.66E-05	1.66E-05	9.34E-03	3.00E-04	3.26E-03	2.22E-04	ND	ND
	Rabbitbrush	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.98E-03	1.08E-04	2.85E-06	5.68E-06	5.68E-06	3.19E-03	1.03E-04	1.12E-03	7.59E-05	ND	ND
	Rabbitbrush	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	4.69E-02	1.69E-03	4.47E-05	8.92E-05	8.92E-05	5.02E-02	1.61E-03	1.75E-02	1.19E-03	ND	ND
	Rabbitbrush	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	3.01E-04	1.08E-05	2.87E-07	5.72E-07	5.72E-07	3.22E-04	1.03E-05	1.12E-04	7.64E-06	ND	ND
	Rabbitbrush	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.60E-04	1.66E-05	4.39E-07	8.75E-07	8.75E-07	4.92E-04	1.58E-05	1.72E-04	1.17E-05	ND	ND
	Rabbitbrush	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	4.33E-02	1.56E-03	4.13E-05	8.23E-05	8.23E-05	4.63E-02	1.49E-03	1.62E-02	1.10E-03	ND	ND
	Rabbitbrush	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2.20E-04	7.94E-06	2.10E-07	4.19E-07	4.19E-07	2.36E-04	7.57E-06	8.23E-05	5.60E-06	ND	ND
	Rabbitbrush	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.67E-01	6.03E-03	1.59E-04	3.20E-04	3.20E-04	1.79E-01	5.77E-03	6.27E-02	4.27E-03	ND	ND
	Rabbitbrush	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.04E-02	3.77E-04	9.97E-06	2.00E-05	2.00E-05	1.12E-02	3.61E-04	3.92E-03	2.67E-04	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1 (cont.)	Rabbitbrush	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4.14E-04	1.49E-05	3.95E-07	7.87E-07	7.87E-07	4.43E-04	1.42E-05	1.55E-04	1.05E-05	ND	ND
	Rabbitbrush	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	3.34E-04	1.20E-05	3.19E-07	6.35E-07	6.35E-07	3.57E-04	1.15E-05	1.25E-04	8.49E-06	ND	ND
	Rabbitbrush	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	1.06E+01	2.04E-01	2.22E+00	9.45E-02	1.36E+00	ND
	Rabbitbrush	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	2.13E+00	4.10E-02	4.46E-01	1.78E-02	ND	ND
	Rabbitbrush	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	2.36E-02	8.52E-04	2.25E-05	4.49E-05	4.49E-05	2.53E-02	8.12E-04	8.83E-03	6.01E-04	ND	ND
	Rabbitbrush	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	6.78E-02	2.44E-03	6.47E-05	1.30E-04	1.30E-04	7.27E-02	2.34E-03	2.54E-02	1.73E-03	ND	ND
	Rabbitbrush	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2.20E-01	7.92E-03	2.10E-04	4.18E-04	4.18E-04	2.35E-01	7.55E-03	8.21E-02	5.59E-03	ND	ND
	Rabbitbrush	TCDF	2,3,7,8-Tetrachlorodibenzofuran	3.00E-02	1.08E-03	2.86E-05	5.71E-05	5.71E-05	4.28E-02	1.03E-03	1.12E-02	7.63E-04	ND	ND
	Rabbitbrush	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	3.66E+00	1.32E-01	3.49E-03	3.49E-03	1.40E-03	9.21E-03	2.23E-04	2.42E-03	1.65E-04	ND	2.64E-04
	Rabbitbrush	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.67E+00	6.01E-02	1.59E-03	1.59E-03	6.36E-04	4.19E-03	1.01E-04	1.10E-03	7.49E-05	ND	1.20E-04
	Rabbitbrush	AG	Silver	4.51E-02	1.63E-03	4.30E-05	8.57E-05	8.57E-05	2.21E-03	3.41E-05	4.64E-04	3.15E-05	4.04E-02	ND
	Rabbitbrush	AL	Aluminum	ND	ND	ND	ND	ND	1.64E+00	3.95E-02	3.43E-01	2.92E-02	1.00E-01	2.62E-02
	Rabbitbrush	AS	Arsenic	3.20E-01	1.15E-02	3.05E-04	6.10E-04	6.10E-04	1.89E-01	6.09E-03	6.62E-02	4.50E-03	6.45E-02	1.07E-02
	Rabbitbrush	BA	Barium	3.09E+00	1.12E-01	2.95E-03	5.90E-03	5.90E-03	4.06E+00	1.31E-01	1.42E+00	9.64E-02	8.65E-02	ND
	Rabbitbrush	BE	Beryllium	2.15E-04	7.74E-06	2.05E-07	4.10E-07	4.10E-07	7.88E-05	2.53E-06	2.75E-05	1.87E-06	3.00E-04	ND
	Rabbitbrush	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	6.03E-05	1.93E-06	2.10E-05	1.45E-06	7.20E-06	1.04E-06
	Rabbitbrush	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.36E-04	4.34E-06	4.72E-05	3.26E-06	1.62E-05	2.34E-06
	Rabbitbrush	CD	Cadmium	2.45E+00	8.82E-02	2.33E-03	4.33E-03	4.33E-03	1.03E-01	3.29E-03	3.57E-02	2.43E-03	7.63E-02	1.15E-02
	Rabbitbrush	CHRY	Chrysene	ND	ND	ND	ND	ND	4.72E-04	1.51E-05	1.64E-04	1.13E-05	5.63E-05	8.13E-06
	Rabbitbrush	CO	Cobalt	5.85E-04	2.11E-05	5.58E-07	1.12E-06	1.12E-06	3.29E-01	1.02E-02	1.10E-01	9.39E-03	3.54E-03	ND
	Rabbitbrush	CR	Chromium	1.95E+00	7.04E-02	1.86E-03	3.73E-03	3.73E-03	3.40E-02	6.56E-04	7.14E-03	3.88E-04	4.88E-03	9.15E-01
	Rabbitbrush	CU	Copper	1.04E+00	3.76E-02	9.94E-04	1.99E-03	1.99E-03	1.97E+00	3.79E-02	4.13E-01	2.25E-02	8.30E-02	9.91E-02
	Rabbitbrush	FE	Iron	1.60E+00	5.79E-02	1.53E-03	3.06E-03	3.06E-03	5.14E+00	1.65E-01	1.80E+00	1.22E-01	ND	9.02E-02
	Rabbitbrush	FANT	Fluoranthene	ND	ND	ND	ND	ND	5.04E-03	1.61E-04	1.75E-03	1.21E-04	6.01E-04	8.69E-05
	Rabbitbrush	HG	Mercury	2.80E-02	1.01E-03	2.68E-05	5.35E-05	5.35E-05	1.14E-02	2.79E-04	3.03E-03	2.06E-04	3.37E-02	1.01E-02
	Rabbitbrush	MN	Manganese	3.99E-01	1.44E-02	3.81E-04	7.62E-04	7.62E-04	3.95E-01	1.27E-02	1.38E-01	9.38E-03	4.72E-02	ND
	Rabbitbrush	NI	Nickel	2.83E-01	1.02E-02	2.70E-04	5.40E-04	5.40E-04	4.19E-02	1.35E-03	1.47E-02	9.97E-04	4.75E-03	5.93E-03
	Rabbitbrush	OCDD	Octachlorodibenzodioxin - nonspecific	6.88E-03	2.48E-04	6.56E-06	1.31E-05	1.31E-05	7.36E-03	2.36E-04	2.57E-03	1.75E-04	ND	ND
	Rabbitbrush	OCDF	Octachlorodibenzofuran - nonspecific	1.12E-03	4.05E-05	1.07E-06	2.13E-06	2.13E-06	1.20E-03	3.86E-05	4.19E-04	2.85E-05	ND	ND
	Rabbitbrush	PB	Lead	8.59E+00	6.19E-02	8.19E-03	1.31E-02	1.31E-02	5.02E+00	1.61E-01	1.75E+00	1.19E-01	3.63E-02	2.96E-02
	Rabbitbrush	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	3.75E-02	1.20E-03	1.30E-02	8.99E-04	4.47E-03	6.46E-04
	Rabbitbrush	PYR	Pyrene	ND	ND	ND	ND	ND	1.67E-03	5.32E-05	5.79E-04	4.00E-05	1.99E-04	2.87E-05
	Rabbitbrush	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	3.72E+01	1.26E+00	1.37E+01	9.29E-01	ND	ND
	Rabbitbrush	SB	Antimony	ND	ND	ND	ND	ND	8.12E-01	2.61E-02	2.84E-01	1.93E-02	8.74E-02	ND
	Rabbitbrush	SE	Selenium	2.36E+00	8.50E-02	2.25E-03	4.17E-03	4.17E-03	1.64E+00	3.96E-02	4.30E-01	2.93E-02	2.21E-01	3.15E-03
	Rabbitbrush	THPCDD	Total heptachlorodibenzo-p-dioxins	1.39E-02	5.01E-04	1.32E-05	2.64E-05	2.64E-05	1.49E+00	4.77E-02	5.19E-01	3.53E-02	ND	ND
	Rabbitbrush	THPCDF	Total heptachlorodibenzofurans	3.48E-03	1.26E-04	3.33E-06	6.63E-06	6.63E-06	3.73E-01	1.20E-02	1.30E-01	8.86E-03	ND	ND
	Rabbitbrush	THCDD	Total hexachlorodibenzo-p-dioxins	3.19E-02	1.15E-03	3.05E-05	6.08E-05	6.08E-05	3.42E-01	1.10E-02	1.19E-01	8.12E-03	ND	ND
	Rabbitbrush	THCDF	Total hexachlorodibenzofurans	3.20E-02	1.15E-03	3.05E-05	6.09E-05	6.09E-05	3.43E-01	1.10E-02	1.20E-01	8.14E-03	ND	ND
	Rabbitbrush	TPCDD	Total pentachlorodibenzo-p-dioxins	1.67E-01	6.03E-03	1.59E-04	3.20E-04	3.20E-04	3.59E-01	1.15E-02	1.25E-01	8.53E-03	ND	ND
	Rabbitbrush	TPCDF	Total pentachlorodibenzofurans	1.07E-01	3.87E-03	1.02E-04	2.06E-04	2.06E-04	2.31E-01	7.40E-03	8.05E-02	5.48E-03	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1 (cont.)	Rabbitbrush	TTCDD	Total tetrachlorodibenzo-p-dioxins	1.63E-01	5.90E-03	1.56E-04	3.11E-04	3.11E-04	1.75E-01	5.62E-03	6.11E-02	4.16E-03	ND	ND
	Rabbitbrush	TTCDF	Total tetrachlorodibenzofurans	8.82E-02	3.18E-03	8.42E-05	1.68E-04	1.68E-04	9.44E-02	3.03E-03	3.30E-02	2.24E-03	ND	ND
	Rabbitbrush	V	Vanadium	ND	ND	ND	ND	ND	7.25E-02	1.11E-03	1.52E-02	1.01E-03	5.16E-02	ND
	Rabbitbrush	ZN	Zinc	4.79E+00	1.73E-01	4.57E-03	9.13E-03	9.13E-03	1.02E+00	1.57E-02	2.14E-01	1.45E-02	3.72E-01	9.31E-02
	Sweetclover	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	8.96E-03	3.23E-04	8.55E-06	1.70E-05	1.70E-05	9.59E-03	3.08E-04	3.35E-03	2.28E-04	ND	ND
	Sweetclover	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	4.49E-03	1.62E-04	4.29E-06	8.55E-06	8.55E-06	4.81E-03	1.54E-04	1.68E-03	1.14E-04	ND	ND
	Sweetclover	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	7.32E-02	2.64E-03	6.98E-05	1.39E-04	1.39E-04	7.83E-02	2.51E-03	2.73E-02	1.86E-03	ND	ND
	Sweetclover	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2.07E-04	7.47E-06	1.98E-07	3.94E-07	3.94E-07	2.22E-04	7.12E-06	7.74E-05	5.27E-06	ND	ND
	Sweetclover	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	7.36E-04	2.65E-05	7.02E-07	1.40E-06	1.40E-06	7.88E-04	2.53E-05	2.75E-04	1.87E-05	ND	ND
	Sweetclover	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	6.12E-02	2.21E-03	5.84E-05	1.16E-04	1.16E-04	6.55E-02	2.10E-03	2.29E-02	1.55E-03	ND	ND
	Sweetclover	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	3.27E-04	1.18E-05	3.12E-07	6.21E-07	6.21E-07	3.50E-04	1.12E-05	1.22E-04	8.30E-06	ND	ND
	Sweetclover	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.85E-01	1.03E-02	2.72E-04	5.46E-04	5.46E-04	3.06E-01	9.83E-03	1.07E-01	7.27E-03	ND	ND
	Sweetclover	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.68E-02	6.06E-04	1.60E-05	3.22E-05	3.22E-05	1.80E-02	5.79E-04	6.30E-03	4.29E-04	ND	ND
	Sweetclover	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	6.63E-04	2.39E-05	6.32E-07	1.26E-06	1.26E-06	7.09E-04	2.28E-05	2.48E-04	1.68E-05	ND	ND
	Sweetclover	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	4.39E-04	1.58E-05	4.19E-07	8.35E-07	8.35E-07	4.70E-04	1.51E-05	1.64E-04	1.12E-05	ND	ND
	Sweetclover	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	2.68E+00	5.17E-02	5.62E-01	2.39E-02	3.43E-01	ND
	Sweetclover	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.21E+00	2.33E-02	2.54E-01	1.01E-02	ND	ND
	Sweetclover	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	2.81E-02	1.01E-03	2.68E-05	5.35E-05	5.35E-05	3.01E-02	9.67E-04	1.05E-02	7.15E-04	ND	ND
	Sweetclover	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1.62E-01	5.85E-03	1.55E-04	3.11E-04	3.11E-04	1.74E-01	5.60E-03	6.09E-02	4.14E-03	ND	ND
	Sweetclover	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	3.36E-01	1.21E-02	3.21E-04	6.40E-04	6.40E-04	3.60E-01	1.16E-02	1.26E-01	8.55E-03	ND	ND
	Sweetclover	TCDF	2,3,7,8-Tetrachlorodibenzofuran	4.38E-02	1.58E-03	4.18E-05	8.33E-05	8.33E-05	6.24E-02	1.50E-03	1.64E-02	1.11E-03	ND	ND
	Sweetclover	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.37E-02	3.38E-03	8.94E-05	8.94E-05	3.58E-05	2.36E-04	5.70E-06	6.20E-05	4.21E-06	ND	6.75E-06
	Sweetclover	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2.08E-01	7.51E-03	1.99E-04	1.99E-04	7.95E-05	5.24E-04	1.27E-05	1.38E-04	9.36E-06	ND	1.50E-05
	Sweetclover	AG	Silver	2.00E-02	7.23E-04	1.91E-05	3.81E-05	3.81E-05	9.83E-04	1.52E-05	2.06E-04	1.40E-05	1.80E-02	ND
	Sweetclover	AL	Aluminum	ND	ND	ND	ND	ND	9.19E-01	2.22E-02	1.93E-01	1.64E-02	5.64E-02	1.47E-02
	Sweetclover	AS	Arsenic	2.30E-01	8.30E-03	2.20E-04	4.39E-04	4.39E-04	1.36E-01	4.38E-03	4.76E-02	3.24E-03	4.64E-02	7.74E-03
	Sweetclover	BA	Barium	2.03E+01	7.33E-01	1.94E-02	3.88E-02	3.88E-02	2.67E+01	8.60E-01	9.35E+00	6.33E-01	5.68E-01	ND
	Sweetclover	BE	Beryllium	1.43E-04	5.16E-06	1.37E-07	2.73E-07	2.73E-07	5.25E-05	1.69E-06	1.84E-05	1.25E-06	2.00E-04	ND
	Sweetclover	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	8.38E-05	2.68E-06	2.91E-05	2.01E-06	1.00E-05	1.45E-06
	Sweetclover	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	7.54E-05	2.41E-06	2.62E-05	1.81E-06	9.00E-06	1.30E-06
	Sweetclover	CD	Cadmium	4.04E+00	1.46E-01	3.86E-03	7.16E-03	7.16E-03	1.70E-01	5.43E-03	5.91E-02	4.02E-03	1.26E-01	1.89E-02
	Sweetclover	CHRY	Chrysene	ND	ND	ND	ND	ND	1.04E-04	3.32E-06	3.61E-05	2.49E-06	1.24E-05	1.79E-06
	Sweetclover	CO	Cobalt	2.52E-03	9.10E-05	2.41E-06	4.82E-06	4.82E-06	1.42E+00	4.38E-02	4.77E-01	4.05E-02	1.53E-02	ND
	Sweetclover	CR	Chromium	2.31E+00	8.32E-02	2.20E-03	4.40E-03	4.40E-03	4.02E-02	7.75E-04	8.42E-03	4.58E-04	5.76E-03	1.08E+00
	Sweetclover	CU	Copper	7.03E-01	2.54E-02	6.71E-04	1.34E-03	1.34E-03	1.33E+00	2.56E-02	2.78E-01	1.52E-02	5.60E-02	6.69E-02
	Sweetclover	FE	Iron	8.94E-01	3.23E-02	8.53E-04	1.71E-03	1.71E-03	2.87E+00	9.22E-02	1.00E+00	6.80E-02	ND	5.03E-02
	Sweetclover	FANT	Fluoranthene	ND	ND	ND	ND	ND	6.39E-04	2.04E-05	2.22E-04	1.53E-05	7.63E-05	1.10E-05
	Sweetclover	HG	Mercury	4.48E-02	1.62E-03	4.27E-05	8.55E-05	8.55E-05	1.82E-02	4.45E-04	4.84E-03	3.29E-04	5.38E-02	1.61E-02
	Sweetclover	MN	Manganese	1.94E-01	7.00E-03	1.85E-04	3.70E-04	3.70E-04	1.92E-01	6.17E-03	6.71E-02	4.56E-03	2.29E-02	ND
	Sweetclover	NI	Nickel	1.76E-01	6.35E-03	1.68E-04	3.36E-04	3.36E-04	2.61E-02	8.38E-04	9.11E-03	6.20E-04	2.95E-03	3.69E-03
	Sweetclover	OCDD	Octachlorodibenzodioxin - nonspecific	3.45E-02	1.24E-03	3.29E-05	6.56E-05	6.56E-05	3.69E-02	1.19E-03	1.29E-02	8.77E-04	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1 (cont.)	Sweetclover	OCDF	Octachlorodibenzofuran - nonspecific	1.43E-03	5.17E-05	1.37E-06	2.73E-06	2.73E-06	1.53E-03	4.92E-05	5.35E-04	3.64E-05	ND	ND
	Sweetclover	PB	Lead	1.27E+01	9.19E-02	1.22E-02	1.95E-02	1.95E-02	7.45E+00	2.39E-01	2.60E+00	1.77E-01	5.39E-02	4.39E-02
	Sweetclover	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	2.27E-03	7.25E-05	7.88E-04	5.44E-05	2.71E-04	3.91E-05
	Sweetclover	PYR	Pyrene	ND	ND	ND	ND	ND	2.75E-04	8.79E-06	9.55E-05	6.60E-06	3.28E-05	4.74E-06
	Sweetclover	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	1.12E+01	3.78E-01	4.11E+00	2.79E-01	ND	ND
	Sweetclover	SB	Antimony	ND	ND	ND	ND	ND	1.41E+00	4.54E-02	4.94E-01	3.36E-02	1.52E-01	ND
	Sweetclover	SE	Selenium	3.26E+00	1.17E-01	3.11E-03	5.77E-03	5.77E-03	2.27E+00	5.47E-02	5.95E-01	4.05E-02	3.05E-01	4.36E-03
	Sweetclover	THPCDD	Total heptachlorodibenzo-p-dioxins	1.66E-02	5.97E-04	1.58E-05	3.15E-05	3.15E-05	1.77E+00	5.69E-02	6.19E-01	4.21E-02	ND	ND
	Sweetclover	THPCDF	Total heptachlorodibenzofurans	4.10E-03	1.48E-04	3.91E-06	7.80E-06	7.80E-06	4.39E-01	1.41E-02	1.53E-01	1.04E-02	ND	ND
	Sweetclover	THCDD	Total hexachlorodibenzo-p-dioxins	6.65E-02	2.40E-03	6.34E-05	1.26E-04	1.26E-04	7.12E-01	2.29E-02	2.48E-01	1.69E-02	ND	ND
	Sweetclover	THCDF	Total hexachlorodibenzofurans	5.12E-02	1.85E-03	4.89E-05	9.74E-05	9.74E-05	5.48E-01	1.76E-02	1.91E-01	1.30E-02	ND	ND
	Sweetclover	TPCDD	Total pentachlorodibenzo-p-dioxins	2.85E-01	1.03E-02	2.72E-04	5.46E-04	5.46E-04	6.12E-01	1.97E-02	2.14E-01	1.45E-02	ND	ND
	Sweetclover	TPCDF	Total pentachlorodibenzofurans	1.18E-01	4.25E-03	1.12E-04	2.25E-04	2.25E-04	2.53E-01	8.12E-03	8.83E-02	6.01E-03	ND	ND
	Sweetclover	TTCDD	Total tetrachlorodibenzo-p-dioxins	3.77E-01	1.36E-02	3.60E-04	7.17E-04	7.17E-04	4.03E-01	1.30E-02	1.41E-01	9.58E-03	ND	ND
	Sweetclover	TTCDF	Total tetrachlorodibenzofurans	9.51E-02	3.43E-03	9.08E-05	1.81E-04	1.81E-04	1.02E-01	3.27E-03	3.56E-02	2.42E-03	ND	ND
	Sweetclover	V	Vanadium	ND	ND	ND	ND	ND	5.72E-02	8.72E-04	1.20E-02	8.00E-04	4.07E-02	ND
	Sweetclover	ZN	Zinc	1.78E+00	6.43E-02	1.70E-03	3.40E-03	3.40E-03	3.80E-01	5.86E-03	7.96E-02	5.41E-03	1.39E-01	3.47E-02
ESA-2	Ambrosia	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.08E-01	8.65E-03	2.29E-04	4.56E-04	4.56E-04	1.15E-01	8.24E-03	5.05E-02	6.09E-03	ND	ND
	Ambrosia	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	8.98E-04	7.21E-05	1.91E-06	3.80E-06	3.80E-06	9.61E-04	6.87E-05	4.21E-04	5.08E-05	ND	ND
	Ambrosia	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	6.90E-02	5.54E-03	1.47E-04	2.92E-04	2.92E-04	7.38E-02	5.28E-03	3.24E-02	3.91E-03	ND	ND
	Ambrosia	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2.40E-04	1.93E-05	5.11E-07	1.02E-06	1.02E-06	2.57E-04	1.84E-05	1.13E-04	1.36E-05	ND	ND
	Ambrosia	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.38E-04	1.11E-05	2.93E-07	5.84E-07	5.84E-07	1.47E-04	1.05E-05	6.47E-05	7.80E-06	ND	ND
	Ambrosia	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	8.37E-02	6.72E-03	1.78E-04	3.55E-04	3.55E-04	8.96E-02	6.41E-03	3.93E-02	4.74E-03	ND	ND
	Ambrosia	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	6.00E-05	4.82E-06	1.28E-07	2.54E-07	2.54E-07	6.42E-05	4.59E-06	2.82E-05	3.40E-06	ND	ND
	Ambrosia	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.87E-01	1.50E-02	3.97E-04	7.96E-04	7.96E-04	2.00E-01	1.43E-02	8.80E-02	1.06E-02	ND	ND
	Ambrosia	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	2.99E-03	2.40E-04	6.35E-06	1.28E-05	1.28E-05	3.21E-03	2.30E-04	1.41E-03	1.70E-04	ND	ND
	Ambrosia	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	5.96E-04	4.79E-05	1.27E-06	2.53E-06	2.53E-06	6.38E-04	4.57E-05	2.80E-04	3.38E-05	ND	ND
	Ambrosia	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	8.04E-05	6.46E-06	1.71E-07	3.41E-07	3.41E-07	8.60E-05	6.15E-06	3.77E-05	4.55E-06	ND	ND
	Ambrosia	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	2.60E+01	1.12E+00	6.86E+00	5.17E-01	3.33E+00	ND
	Ambrosia	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	2.05E+00	8.79E-02	5.39E-01	3.82E-02	ND	ND
	Ambrosia	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	2.31E-02	1.86E-03	4.91E-05	9.79E-05	9.79E-05	2.47E-02	1.77E-03	1.08E-02	1.31E-03	ND	ND
	Ambrosia	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	3.02E-02	2.42E-03	6.41E-05	1.29E-04	1.29E-04	3.23E-02	2.32E-03	1.42E-02	1.71E-03	ND	ND
	Ambrosia	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	5.53E-02	4.44E-03	1.18E-04	2.34E-04	2.34E-04	5.92E-02	4.24E-03	2.60E-02	3.13E-03	ND	ND
	Ambrosia	TCDF	2,3,7,8-Tetrachlorodibenzofuran	1.25E-02	1.01E-03	2.66E-05	5.31E-05	5.31E-05	1.79E-02	9.60E-04	5.88E-03	7.10E-04	ND	ND
	Ambrosia	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	2.36E+00	1.90E-01	5.01E-03	5.01E-03	2.01E-03	5.94E-03	3.20E-04	1.96E-03	2.36E-04	ND	1.70E-04
	Ambrosia	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	7.98E-01	6.41E-02	1.70E-03	1.70E-03	6.78E-04	2.01E-03	1.08E-04	6.63E-04	8.00E-05	ND	5.75E-05
	Ambrosia	AG	Silver	4.37E-02	3.51E-03	9.28E-05	1.85E-04	1.85E-04	2.14E-03	7.37E-05	5.65E-04	6.81E-05	3.92E-02	ND
	Ambrosia	AL	Aluminum	ND	ND	ND	ND	ND	2.06E+00	1.11E-01	5.44E-01	8.20E-02	1.27E-01	3.30E-02
	Ambrosia	AS	Arsenic	1.56E-01	1.25E-02	3.31E-04	6.62E-04	6.62E-04	9.20E-02	6.60E-03	4.05E-02	4.88E-03	3.14E-02	5.23E-03
	Ambrosia	BA	Barium	5.94E-01	4.77E-02	1.26E-03	2.52E-03	2.52E-03	7.80E-01	5.60E-02	3.43E-01	4.12E-02	1.66E-02	ND
	Ambrosia	BE	Beryllium	7.15E-04	5.75E-05	1.52E-06	3.04E-06	3.04E-06	2.63E-04	1.88E-05	1.15E-04	1.39E-05	1.00E-03	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-2 (cont.)	Ambrosia	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.34E-04	9.54E-06	5.85E-05	7.16E-06	1.60E-05	2.31E-06
	Ambrosia	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.91E-03	1.36E-04	8.34E-04	1.02E-04	2.28E-04	3.29E-05
	Ambrosia	CD	Cadmium	2.18E+00	1.75E-01	4.63E-03	8.60E-03	8.60E-03	9.14E-02	6.52E-03	4.00E-02	4.82E-03	6.80E-02	1.02E-02
	Ambrosia	CHRY	Chrysene	ND	ND	ND	ND	ND	2.82E-03	2.00E-04	1.23E-03	1.50E-04	3.36E-04	4.86E-05
	Ambrosia	CO	Cobalt	6.61E-04	5.31E-05	1.40E-06	2.81E-06	2.81E-06	3.72E-01	2.56E-02	1.57E-01	2.36E-02	4.00E-03	ND
	Ambrosia	CR	Chromium	2.56E+00	2.06E-01	5.45E-03	1.09E-02	1.09E-02	4.46E-02	1.92E-03	1.18E-02	1.13E-03	6.40E-03	1.20E+00
	Ambrosia	CU	Copper	1.14E+00	9.18E-02	2.43E-03	4.85E-03	4.85E-03	2.16E+00	9.26E-02	5.68E-01	5.49E-02	9.10E-02	1.09E-01
	Ambrosia	FE	Iron	1.82E+00	1.46E-01	3.86E-03	7.72E-03	7.72E-03	5.82E+00	4.17E-01	2.56E+00	3.08E-01	ND	1.02E-01
	Ambrosia	FANT	Fluoranthene	ND	ND	ND	ND	ND	7.04E-03	5.01E-04	3.07E-03	3.76E-04	8.40E-04	1.21E-04
	Ambrosia	HG	Mercury	2.15E-02	1.73E-03	4.57E-05	9.14E-05	9.14E-05	8.74E-03	4.76E-04	2.92E-03	3.52E-04	2.58E-02	7.75E-03
	Ambrosia	MN	Manganese	1.61E-01	1.29E-02	3.42E-04	6.84E-04	6.84E-04	1.59E-01	1.14E-02	6.98E-02	8.42E-03	1.90E-02	ND
	Ambrosia	NI	Nickel	6.20E-01	4.98E-02	1.32E-03	2.64E-03	2.64E-03	9.19E-02	6.57E-03	4.03E-02	4.86E-03	1.04E-02	1.30E-02
	Ambrosia	OCDD	Octachlorodibenzodioxin - nonspecific	3.15E-02	2.53E-03	6.69E-05	1.33E-04	1.33E-04	3.37E-02	2.41E-03	1.48E-02	1.78E-03	ND	ND
	Ambrosia	OCDF	Octachlorodibenzofuran - nonspecific	1.32E-03	1.06E-04	2.81E-06	5.60E-06	5.60E-06	1.41E-03	1.01E-04	6.21E-04	7.49E-05	ND	ND
	Ambrosia	PB	Lead	1.77E-01	2.85E-03	3.76E-04	6.03E-04	6.03E-04	1.03E-01	7.39E-03	4.53E-02	5.47E-03	7.49E-04	6.11E-04
	Ambrosia	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	6.03E-03	4.29E-04	2.63E-03	3.22E-04	7.20E-04	1.04E-04
	Ambrosia	PYR	Pyrene	ND	ND	ND	ND	ND	5.70E-03	4.06E-04	2.49E-03	3.04E-04	6.80E-04	9.83E-05
	Ambrosia	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	2.10E+01	1.58E+00	9.68E+00	1.17E+00	ND	ND
	Ambrosia	SB	Antimony	ND	ND	ND	ND	ND	2.97E-01	2.13E-02	1.30E-01	1.57E-02	3.19E-02	ND
	Ambrosia	SE	Selenium	3.01E+00	2.41E-01	6.39E-03	1.19E-02	1.19E-02	2.09E+00	1.12E-01	6.90E-01	8.32E-02	2.82E-01	4.02E-03
	Ambrosia	THPCDD	Total heptachlorodibenzo-p-dioxins	1.97E-01	1.58E-02	4.19E-04	8.36E-04	8.36E-04	2.11E+01	1.51E+00	9.26E+00	1.12E+00	ND	ND
	Ambrosia	THPCDF	Total heptachlorodibenzofurans	9.64E-03	7.75E-04	2.05E-05	4.09E-05	4.09E-05	1.03E+00	7.38E-02	4.53E-01	5.46E-02	ND	ND
	Ambrosia	THCDD	Total hexachlorodibenzo-p-dioxins	7.40E-01	5.95E-02	1.57E-03	3.14E-03	3.14E-03	7.92E+00	5.67E-01	3.48E+00	4.19E-01	ND	ND
	Ambrosia	THCDF	Total hexachlorodibenzofurans	1.84E-01	1.48E-02	3.90E-04	7.78E-04	7.78E-04	1.97E+00	1.41E-01	8.62E-01	1.04E-01	ND	ND
	Ambrosia	TPCDD	Total pentachlorodibenzo-p-dioxins	3.12E-01	2.50E-02	6.62E-04	1.33E-03	1.33E-03	6.69E-01	4.79E-02	2.94E-01	3.54E-02	ND	ND
	Ambrosia	TPCDF	Total pentachlorodibenzofurans	3.97E-01	3.19E-02	8.45E-04	1.70E-03	1.70E-03	8.54E-01	6.11E-02	3.75E-01	4.52E-02	ND	ND
	Ambrosia	TTCDD	Total tetrachlorodibenzo-p-dioxins	5.53E-02	4.44E-03	1.18E-04	2.34E-04	2.34E-04	5.92E-02	4.24E-03	2.60E-02	3.13E-03	ND	ND
	Ambrosia	TTCDF	Total tetrachlorodibenzofurans	2.51E-02	2.01E-03	5.33E-05	1.06E-04	1.06E-04	2.68E-02	1.92E-03	1.18E-02	1.42E-03	ND	ND
	Ambrosia	V	Vanadium	ND	ND	ND	ND	ND	1.05E-01	3.58E-03	2.77E-02	3.28E-03	7.50E-02	ND
	Ambrosia	ZN	Zinc	9.64E+00	7.74E-01	2.05E-02	4.10E-02	4.10E-02	2.05E+00	7.05E-02	5.40E-01	6.52E-02	7.50E-01	1.88E-01
	Beetle	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.59E-01	2.88E-02	7.62E-04	1.52E-03	1.52E-03	3.84E-01	2.75E-02	1.68E-01	2.03E-02	ND	ND
	Beetle	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.37E-01	1.10E-02	2.91E-04	5.81E-04	5.81E-04	1.47E-01	1.05E-02	6.43E-02	7.76E-03	ND	ND
	Beetle	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.13E-01	9.09E-03	2.41E-04	4.80E-04	4.80E-04	1.21E-01	8.67E-03	5.31E-02	6.41E-03	ND	ND
	Beetle	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	9.39E-04	7.55E-05	2.00E-06	3.98E-06	3.98E-06	1.01E-03	7.19E-05	4.41E-04	5.32E-05	ND	ND
	Beetle	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	9.51E-04	7.64E-05	2.02E-06	4.03E-06	4.03E-06	1.02E-03	7.28E-05	4.46E-04	5.38E-05	ND	ND
	Beetle	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.76E-01	1.42E-02	3.75E-04	7.47E-04	7.47E-04	1.89E-01	1.35E-02	8.28E-02	9.99E-03	ND	ND
	Beetle	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.82E-03	1.46E-04	3.87E-06	7.72E-06	7.72E-06	1.95E-03	1.39E-04	8.55E-04	1.03E-04	ND	ND
	Beetle	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.67E-01	2.14E-02	5.67E-04	1.14E-03	1.14E-03	2.86E-01	2.05E-02	1.26E-01	1.52E-02	ND	ND
	Beetle	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.97E-02	1.58E-03	4.18E-05	8.40E-05	8.40E-05	2.11E-02	1.51E-03	9.27E-03	1.12E-03	ND	ND
	Beetle	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.56E-03	1.25E-04	3.32E-06	6.62E-06	6.62E-06	1.67E-03	1.20E-04	7.33E-04	8.84E-05	ND	ND
	Beetle	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	4.47E-04	3.59E-05	9.50E-07	1.90E-06	1.90E-06	4.79E-04	3.42E-05	2.10E-04	2.53E-05	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-2 (cont.)	Beetle	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	3.85E-01	3.09E-02	8.18E-04	1.63E-03	1.63E-03	4.12E-01	2.95E-02	1.81E-01	2.18E-02	ND	ND
	Beetle	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	8.24E-01	6.62E-02	1.75E-03	3.52E-03	3.52E-03	8.85E-01	6.34E-02	3.89E-01	4.69E-02	ND	ND
	Beetle	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	3.41E-01	2.74E-02	7.24E-04	1.44E-03	1.44E-03	3.65E-01	2.61E-02	1.60E-01	1.93E-02	ND	ND
	Beetle	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.94E-02	2.36E-03	6.25E-05	1.25E-04	1.25E-04	4.20E-02	2.25E-03	1.38E-02	1.67E-03	ND	ND
	Beetle	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	3.82E+00	3.07E-01	8.12E-03	8.12E-03	3.25E-03	9.62E-03	5.18E-04	3.18E-03	3.83E-04	ND	2.75E-04
	Beetle	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	3.35E-01	2.70E-02	7.13E-04	7.13E-04	2.85E-04	8.44E-04	4.54E-05	2.79E-04	3.36E-05	ND	2.42E-05
	Beetle	AG	Silver	2.34E-02	1.88E-03	4.98E-05	9.91E-05	9.91E-05	1.15E-03	3.95E-05	3.03E-04	3.65E-05	2.10E-02	ND
	Beetle	AL	Aluminum	ND	ND	ND	ND	ND	2.44E+00	1.31E-01	6.43E-01	9.69E-02	1.50E-01	3.91E-02
	Beetle	AS	Arsenic	1.29E+00	1.03E-01	2.73E-03	5.47E-03	5.47E-03	7.60E-01	5.46E-02	3.35E-01	4.04E-02	2.60E-01	4.33E-02
	Beetle	BA	Barium	5.79E-01	4.65E-02	1.23E-03	2.46E-03	2.46E-03	7.60E-01	5.45E-02	3.34E-01	4.02E-02	1.62E-02	ND
	Beetle	BE	Beryllium	4.73E-04	3.80E-05	1.00E-06	2.01E-06	2.01E-06	1.73E-04	1.24E-05	7.62E-05	9.19E-06	6.61E-04	ND
	Beetle	CD	Cadmium	7.28E+00	5.85E-01	1.55E-02	2.87E-02	2.87E-02	3.05E-01	2.18E-02	1.34E-01	1.61E-02	2.27E-01	3.41E-02
	Beetle	CO	Cobalt	1.12E-03	9.01E-05	2.38E-06	4.76E-06	4.76E-06	6.31E-01	4.34E-02	2.66E-01	4.01E-02	6.78E-03	ND
	Beetle	CR	Chromium	2.52E+00	2.03E-01	5.36E-03	1.07E-02	1.07E-02	4.40E-02	1.89E-03	1.16E-02	1.12E-03	6.30E-03	1.18E+00
	Beetle	CU	Copper	1.17E+00	9.37E-02	2.48E-03	4.96E-03	4.96E-03	2.20E+00	9.46E-02	5.80E-01	5.60E-02	9.29E-02	1.11E-01
	Beetle	FE	Iron	2.28E+00	1.83E-01	4.84E-03	9.67E-03	9.67E-03	7.30E+00	5.23E-01	3.21E+00	3.86E-01	ND	1.28E-01
	Beetle	HG	Mercury	7.13E-02	5.73E-03	1.52E-04	3.03E-04	3.03E-04	2.90E-02	1.58E-03	9.68E-03	1.17E-03	8.56E-02	2.57E-02
	Beetle	MN	Manganese	1.96E-01	1.57E-02	4.16E-04	8.32E-04	8.32E-04	1.94E-01	1.39E-02	8.50E-02	1.02E-02	2.31E-02	ND
	Beetle	NI	Nickel	1.63E-01	1.31E-02	3.47E-04	6.95E-04	6.95E-04	2.42E-02	1.73E-03	1.06E-02	1.28E-03	2.74E-03	3.43E-03
	Beetle	OCDD	Octachlorodibenzodioxin - nonspecific	6.78E-02	5.45E-03	1.44E-04	2.87E-04	2.87E-04	7.26E-02	5.19E-03	3.18E-02	3.84E-03	ND	ND
	Beetle	OCDF	Octachlorodibenzofuran - nonspecific	7.27E-03	5.84E-04	1.54E-05	3.08E-05	3.08E-05	7.78E-03	5.57E-04	3.41E-03	4.12E-04	ND	ND
	Beetle	PB	Lead	4.36E+00	7.01E-02	9.27E-03	1.49E-02	1.49E-02	2.55E+00	1.82E-01	1.12E+00	1.35E-01	1.85E-02	1.50E-02
	Beetle	SB	Antimony	ND	ND	ND	ND	ND	5.21E-01	3.73E-02	2.29E-01	2.76E-02	5.60E-02	ND
	Beetle	SE	Selenium	1.94E+00	1.56E-01	4.13E-03	7.66E-03	7.66E-03	1.35E+00	7.26E-02	4.45E-01	5.37E-02	1.82E-01	2.60E-03
	Beetle	THPCDD	Total heptachlorodibenzo-p-dioxins	3.59E-01	2.88E-02	7.62E-04	1.52E-03	1.52E-03	3.84E+01	2.75E+00	1.68E+01	2.03E+00	ND	ND
	Beetle	THPCDF	Total heptachlorodibenzofurans	1.37E-01	1.10E-02	2.91E-04	5.81E-04	5.81E-04	1.47E+01	1.05E+00	6.43E+00	7.76E-01	ND	ND
	Beetle	THCDD	Total hexachlorodibenzo-p-dioxins	9.43E-01	7.58E-02	2.00E-03	4.00E-03	4.00E-03	1.01E+01	7.22E-01	4.43E+00	5.34E-01	ND	ND
	Beetle	THCDF	Total hexachlorodibenzofurans	2.75E+00	2.21E-01	5.84E-03	1.16E-02	1.16E-02	2.94E+01	2.10E+00	1.29E+01	1.56E+00	ND	ND
	Beetle	TPCDD	Total pentachlorodibenzo-p-dioxins	1.20E+00	9.62E-02	2.55E-03	5.11E-03	5.11E-03	2.57E+00	1.84E-01	1.13E+00	1.36E-01	ND	ND
	Beetle	TPCDF	Total pentachlorodibenzofurans	3.89E+01	3.13E+00	8.28E-02	1.66E-01	1.66E-01	8.37E+01	5.99E+00	3.67E+01	4.43E+00	ND	ND
	Beetle	TTCDD	Total tetrachlorodibenzo-p-dioxins	9.12E-01	7.32E-02	1.94E-03	3.86E-03	3.86E-03	9.76E-01	6.98E-02	4.28E-01	5.16E-02	ND	ND
	Beetle	TTCDF	Total tetrachlorodibenzofurans	2.46E+00	1.98E-01	5.23E-03	1.04E-02	1.04E-02	2.64E+00	1.89E-01	1.16E+00	1.39E-01	ND	ND
	Beetle	V	Vanadium	ND	ND	ND	ND	ND	1.15E-01	3.92E-03	3.04E-02	3.60E-03	8.21E-02	ND
	Beetle	ZN	Zinc	1.29E+01	1.04E+00	2.74E-02	5.49E-02	5.49E-02	2.75E+00	9.44E-02	7.24E-01	8.73E-02	1.00E+00	2.51E-01
	Grasshopper	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.25E-02	1.81E-03	4.78E-05	9.54E-05	9.54E-05	2.41E-02	1.72E-03	1.06E-02	1.27E-03	ND	ND
	Grasshopper	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.30E-02	1.05E-03	2.77E-05	5.53E-05	5.53E-05	1.40E-02	9.99E-04	6.13E-03	7.39E-04	ND	ND
	Grasshopper	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.90E-01	1.53E-02	4.05E-04	8.07E-04	8.07E-04	2.04E-01	1.46E-02	8.94E-02	1.08E-02	ND	ND
	Grasshopper	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	6.97E-04	5.60E-05	1.48E-06	2.95E-06	2.95E-06	7.46E-04	5.34E-05	3.27E-04	3.95E-05	ND	ND
	Grasshopper	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.78E-03	1.43E-04	3.78E-06	7.55E-06	7.55E-06	1.91E-03	1.36E-04	8.36E-04	1.01E-04	ND	ND
	Grasshopper	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.86E-01	1.49E-02	3.95E-04	7.89E-04	7.89E-04	1.99E-01	1.42E-02	8.74E-02	1.05E-02	ND	ND
	Grasshopper	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	7.64E-04	6.14E-05	1.62E-06	3.24E-06	3.24E-06	8.18E-04	5.85E-05	3.59E-04	4.33E-05	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-2 (cont.)	Grasshopper	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	4.16E-01	3.34E-02	8.84E-04	1.78E-03	1.78E-03	4.46E-01	3.20E-02	1.96E-01	2.37E-02	ND	ND
	Grasshopper	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	2.77E-02	2.23E-03	5.89E-05	1.18E-04	1.18E-04	2.97E-02	2.13E-03	1.31E-02	1.58E-03	ND	ND
	Grasshopper	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.68E-03	1.35E-04	3.58E-06	7.14E-06	7.14E-06	1.80E-03	1.29E-04	7.91E-04	9.54E-05	ND	ND
	Grasshopper	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	9.72E-04	7.81E-05	2.07E-06	4.12E-06	4.12E-06	1.04E-03	7.44E-05	4.56E-04	5.51E-05	ND	ND
	Grasshopper	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	9.62E-02	7.73E-03	2.04E-04	4.08E-04	4.08E-04	1.03E-01	7.37E-03	4.52E-02	5.45E-03	ND	ND
	Grasshopper	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	8.73E-01	7.02E-02	1.86E-03	3.73E-03	3.73E-03	9.37E-01	6.71E-02	4.12E-01	4.96E-02	ND	ND
	Grasshopper	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	5.02E-01	4.04E-02	1.07E-03	2.13E-03	2.13E-03	5.38E-01	3.85E-02	2.36E-01	2.85E-02	ND	ND
	Grasshopper	TCDF	2,3,7,8-Tetrachlorodibenzofuran	4.35E-02	3.50E-03	9.25E-05	1.84E-04	1.84E-04	6.20E-02	3.33E-03	2.04E-02	2.46E-03	ND	ND
	Grasshopper	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	2.71E-01	2.17E-02	5.75E-04	5.75E-04	2.30E-04	6.81E-04	3.67E-05	2.25E-04	2.71E-05	ND	1.95E-05
	Grasshopper	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	6.51E-02	5.23E-03	1.38E-04	1.38E-04	5.54E-05	1.64E-04	8.82E-06	5.41E-05	6.53E-06	ND	4.69E-06
	Grasshopper	AG	Silver	3.60E-02	2.89E-03	7.65E-05	1.52E-04	1.52E-04	1.77E-03	6.07E-05	4.65E-04	5.61E-05	3.23E-02	ND
	Grasshopper	AL	Aluminum	ND	ND	ND	ND	ND	1.06E+00	5.69E-02	2.79E-01	4.20E-02	6.50E-02	1.69E-02
	Grasshopper	AS	Arsenic	7.39E-02	5.94E-03	1.57E-04	3.14E-04	3.14E-04	4.37E-02	3.14E-03	1.92E-02	2.32E-03	1.49E-02	2.48E-03
	Grasshopper	BA	Barium	2.32E-01	1.86E-02	4.93E-04	9.85E-04	9.85E-04	3.04E-01	2.19E-02	1.34E-01	1.61E-02	6.48E-03	ND
	Grasshopper	BE	Beryllium	3.18E-04	2.55E-05	6.76E-07	1.35E-06	1.35E-06	1.17E-04	8.36E-06	5.12E-05	6.18E-06	4.44E-04	ND
	Grasshopper	CD	Cadmium	4.57E+00	3.67E-01	9.71E-03	1.80E-02	1.80E-02	1.92E-01	1.37E-02	8.39E-02	1.01E-02	1.43E-01	2.14E-02
	Grasshopper	CO	Cobalt	7.06E-04	5.67E-05	1.50E-06	3.00E-06	3.00E-06	3.97E-01	2.73E-02	1.68E-01	2.53E-02	4.27E-03	ND
	Grasshopper	CR	Chromium	1.38E+00	1.11E-01	2.93E-03	5.85E-03	5.85E-03	2.40E-02	1.03E-03	6.32E-03	6.10E-04	3.44E-03	6.45E-01
	Grasshopper	CU	Copper	4.18E+00	3.36E-01	8.88E-03	1.78E-02	1.78E-02	7.89E+00	3.39E-01	2.08E+00	2.01E-01	3.33E-01	3.97E-01
	Grasshopper	FE	Iron	1.14E+00	9.20E-02	2.43E-03	4.87E-03	4.87E-03	3.67E+00	2.63E-01	1.61E+00	1.94E-01	ND	6.43E-02
	Grasshopper	HG	Mercury	3.25E-02	2.61E-03	6.91E-05	1.38E-04	1.38E-04	1.32E-02	7.20E-04	4.42E-03	5.33E-04	3.91E-02	1.17E-02
	Grasshopper	MN	Manganese	9.06E-02	7.28E-03	1.93E-04	3.85E-04	3.85E-04	8.96E-02	6.42E-03	3.94E-02	4.74E-03	1.07E-02	ND
	Grasshopper	NI	Nickel	6.15E-02	4.94E-03	1.31E-04	2.61E-04	2.61E-04	9.10E-03	6.52E-04	4.00E-03	4.82E-04	1.03E-03	1.29E-03
	Grasshopper	OCDD	Octachlorodibenzodioxin - nonspecific	1.02E-02	8.16E-04	2.16E-05	4.31E-05	4.31E-05	1.09E-02	7.78E-04	4.77E-03	5.75E-04	ND	ND
	Grasshopper	OCDF	Octachlorodibenzofuran - nonspecific	3.55E-03	2.86E-04	7.55E-06	1.51E-05	1.51E-05	3.80E-03	2.72E-04	1.67E-03	2.01E-04	ND	ND
	Grasshopper	PB	Lead	3.20E-01	5.14E-03	6.80E-04	1.09E-03	1.09E-03	1.87E-01	1.34E-02	8.19E-02	9.87E-03	1.35E-03	1.10E-03
	Grasshopper	SB	Antimony	ND	ND	ND	ND	ND	4.12E-01	2.95E-02	1.81E-01	2.18E-02	4.43E-02	ND
	Grasshopper	SE	Selenium	2.52E+00	2.02E-01	5.35E-03	9.93E-03	9.93E-03	1.75E+00	9.42E-02	5.77E-01	6.96E-02	2.36E-01	3.37E-03
	Grasshopper	THPCDD	Total heptachlorodibenzo-p-dioxins	2.37E-02	1.90E-03	5.03E-05	1.00E-04	1.00E-04	2.53E+00	1.81E-01	1.11E+00	1.34E-01	ND	ND
	Grasshopper	THPCDF	Total heptachlorodibenzofurans	1.51E-02	1.21E-03	3.20E-05	6.38E-05	6.38E-05	1.61E+00	1.15E-01	7.07E-01	8.53E-02	ND	ND
	Grasshopper	THCDD	Total hexachlorodibenzo-p-dioxins	1.81E-01	1.46E-02	3.85E-04	7.68E-04	7.68E-04	1.94E+00	1.39E-01	8.50E-01	1.03E-01	ND	ND
	Grasshopper	THCDF	Total hexachlorodibenzofurans	6.31E-02	5.07E-03	1.34E-04	2.68E-04	2.68E-04	6.76E-01	4.83E-02	2.96E-01	3.58E-02	ND	ND
	Grasshopper	TPCDD	Total pentachlorodibenzo-p-dioxins	4.16E-01	3.34E-02	8.84E-04	1.78E-03	1.78E-03	8.94E-01	6.40E-02	3.92E-01	4.73E-02	ND	ND
	Grasshopper	TPCDF	Total pentachlorodibenzofurans	2.65E-01	2.13E-02	5.62E-04	1.13E-03	1.13E-03	5.69E-01	4.07E-02	2.49E-01	3.01E-02	ND	ND
	Grasshopper	TTCDD	Total tetrachlorodibenzo-p-dioxins	5.02E-01	4.04E-02	1.07E-03	2.13E-03	2.13E-03	5.38E-01	3.85E-02	2.36E-01	2.85E-02	ND	ND
	Grasshopper	TTCDF	Total tetrachlorodibenzofurans	4.35E-02	3.50E-03	9.25E-05	1.84E-04	1.84E-04	4.66E-02	3.33E-03	2.04E-02	2.46E-03	ND	ND
	Grasshopper	V	Vanadium	ND	ND	ND	ND	ND	5.44E-02	1.85E-03	1.43E-02	1.70E-03	3.87E-02	ND
	Grasshopper	ZN	Zinc	1.53E+01	1.23E+00	3.25E-02	6.50E-02	6.50E-02	3.26E+00	1.12E-01	8.58E-01	1.03E-01	1.19E+00	2.98E-01
	Gumweed	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	8.70E-02	6.99E-03	1.85E-04	3.69E-04	3.69E-04	9.32E-02	6.66E-03	4.09E-02	4.93E-03	ND	ND
	Gumweed	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	3.25E-02	2.61E-03	6.91E-05	1.38E-04	1.38E-04	3.48E-02	2.49E-03	1.53E-02	1.84E-03	ND	ND
	Gumweed	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	7.36E-02	5.92E-03	1.56E-04	3.12E-04	3.12E-04	7.88E-02	5.64E-03	3.46E-02	4.17E-03	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-2 (cont.)	Gumweed	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	7.46E-04	5.99E-05	1.58E-06	3.16E-06	3.16E-06	7.98E-04	5.71E-05	3.50E-04	4.22E-05	ND	ND
	Gumweed	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	7.30E-04	5.86E-05	1.55E-06	3.09E-06	3.09E-06	7.81E-04	5.59E-05	3.43E-04	4.13E-05	ND	ND
	Gumweed	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	6.57E-02	5.28E-03	1.40E-04	2.78E-04	2.78E-04	7.03E-02	5.03E-03	3.08E-02	3.72E-03	ND	ND
	Gumweed	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2.28E-04	1.83E-05	4.85E-07	9.67E-07	9.67E-07	2.44E-04	1.75E-05	1.07E-04	1.29E-05	ND	ND
	Gumweed	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.25E-01	1.81E-02	4.79E-04	9.61E-04	9.61E-04	2.42E-01	1.73E-02	1.06E-01	1.28E-02	ND	ND
	Gumweed	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.35E-02	1.08E-03	2.87E-05	5.76E-05	5.76E-05	1.45E-02	1.04E-03	6.36E-03	7.67E-04	ND	ND
	Gumweed	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4.81E-04	3.87E-05	1.02E-06	2.04E-06	2.04E-06	5.15E-04	3.69E-05	2.26E-04	2.73E-05	ND	ND
	Gumweed	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	4.24E-04	3.41E-05	9.02E-07	1.80E-06	1.80E-06	4.54E-04	3.25E-05	1.99E-04	2.40E-05	ND	ND
	Gumweed	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	2.60E+01	1.12E+00	6.86E+00	5.17E-01	3.33E+00	ND
	Gumweed	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	2.05E+00	8.79E-02	5.39E-01	3.82E-02	ND	ND
	Gumweed	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	3.80E-02	3.06E-03	8.08E-05	1.61E-04	1.61E-04	4.07E-02	2.91E-03	1.79E-02	2.15E-03	ND	ND
	Gumweed	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1.30E-01	1.05E-02	2.77E-04	5.56E-04	5.56E-04	1.40E-01	1.00E-02	6.14E-02	7.40E-03	ND	ND
	Gumweed	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	3.08E-01	2.48E-02	6.55E-04	1.31E-03	1.31E-03	3.30E-01	2.36E-02	1.45E-01	1.75E-02	ND	ND
	Gumweed	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.33E-02	1.87E-03	4.95E-05	9.87E-05	9.87E-05	3.32E-02	1.78E-03	1.09E-02	1.32E-03	ND	ND
	Gumweed	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	2.36E+00	1.90E-01	5.01E-03	5.01E-03	2.01E-03	5.94E-03	3.20E-04	1.96E-03	2.36E-04	ND	1.70E-04
	Gumweed	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	7.98E-01	6.41E-02	1.70E-03	1.70E-03	6.78E-04	2.01E-03	1.08E-04	6.63E-04	8.00E-05	ND	5.75E-05
	Gumweed	AG	Silver	4.40E-02	3.54E-03	9.36E-05	1.86E-04	1.86E-04	2.16E-03	7.43E-05	5.69E-04	6.87E-05	3.95E-02	ND
	Gumweed	AL	Aluminum	ND	ND	ND	ND	ND	5.37E+00	2.88E-01	1.41E+00	2.13E-01	3.30E-01	8.59E-02
	Gumweed	AS	Arsenic	2.98E-01	2.40E-02	6.34E-04	1.27E-03	1.27E-03	1.76E-01	1.27E-02	7.76E-02	9.36E-03	6.02E-02	1.00E-02
	Gumweed	BA	Barium	3.20E+00	2.57E-01	6.81E-03	1.36E-02	1.36E-02	4.21E+00	3.02E-01	1.85E+00	2.22E-01	8.96E-02	ND
	Gumweed	BE	Beryllium	2.15E-04	1.72E-05	4.56E-07	9.12E-07	9.12E-07	7.88E-05	5.64E-06	3.46E-05	4.17E-06	3.00E-04	ND
	Gumweed	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.34E-04	9.54E-06	5.85E-05	7.16E-06	1.60E-05	2.31E-06
	Gumweed	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.36E-04	9.66E-06	5.92E-05	7.25E-06	1.62E-05	2.34E-06
	Gumweed	CD	Cadmium	4.41E+01	3.54E+00	9.38E-02	1.74E-01	1.74E-01	1.85E+00	1.32E-01	8.10E-01	9.77E-02	1.38E+00	2.07E-01
	Gumweed	CHRY	Chrysene	ND	ND	ND	ND	ND	2.20E-04	1.57E-05	9.62E-05	1.18E-05	2.63E-05	3.80E-06
	Gumweed	CO	Cobalt	9.49E-04	7.62E-05	2.02E-06	4.03E-06	4.03E-06	5.34E-01	3.67E-02	2.25E-01	3.39E-02	5.74E-03	ND
	Gumweed	CR	Chromium	3.24E+00	2.61E-01	6.89E-03	1.38E-02	1.38E-02	5.65E-02	2.43E-03	1.49E-02	1.44E-03	8.10E-03	1.52E+00
	Gumweed	CU	Copper	2.68E+00	2.16E-01	5.70E-03	1.14E-02	1.14E-02	5.06E+00	2.18E-01	1.33E+00	1.29E-01	2.14E-01	2.55E-01
	Gumweed	FE	Iron	3.33E+00	2.67E-01	7.07E-03	1.41E-02	1.41E-02	1.07E+01	7.64E-01	4.69E+00	5.64E-01	ND	1.87E-01
	Gumweed	FANT	Fluoranthene	ND	ND	ND	ND	ND	9.70E-04	6.91E-05	4.23E-04	5.19E-05	1.16E-04	1.67E-05
	Gumweed	HG	Mercury	2.78E-02	2.23E-03	5.90E-05	1.18E-04	1.18E-04	1.13E-02	6.15E-04	3.77E-03	4.55E-04	3.33E-02	1.00E-02
	Gumweed	MN	Manganese	3.90E-01	3.13E-02	8.29E-04	1.66E-03	1.66E-03	3.86E-01	2.76E-02	1.69E-01	2.04E-02	4.61E-02	ND
	Gumweed	NI	Nickel	1.98E-01	1.59E-02	4.22E-04	8.43E-04	8.43E-04	2.94E-02	2.10E-03	1.29E-02	1.56E-03	3.33E-03	4.16E-03
	Gumweed	OCDD	Octachlorodibenzodioxin - nonspecific	5.70E-02	4.58E-03	1.21E-04	2.42E-04	2.42E-04	6.10E-02	4.36E-03	2.68E-02	3.23E-03	ND	ND
	Gumweed	OCDF	Octachlorodibenzofuran - nonspecific	7.59E-03	6.10E-04	1.61E-05	3.22E-05	3.22E-05	8.13E-03	5.81E-04	3.57E-03	4.30E-04	ND	ND
	Gumweed	PB	Lead	2.16E+01	3.47E-01	4.59E-02	7.35E-02	7.35E-02	1.26E+01	9.01E-01	5.53E+00	6.67E-01	9.13E-02	7.45E-02
	Gumweed	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	4.49E-03	3.20E-04	1.96E-03	2.40E-04	5.36E-04	7.75E-05
	Gumweed	PYR	Pyrene	ND	ND	ND	ND	ND	5.18E-04	3.68E-05	2.26E-04	2.77E-05	6.18E-05	8.93E-06
	Gumweed	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	2.26E+02	1.70E+01	1.04E+02	1.25E+01	ND	ND
	Gumweed	SB	Antimony	ND	ND	ND	ND	ND	2.01E+00	1.44E-01	8.82E-01	1.06E-01	2.16E-01	ND
	Gumweed	SE	Selenium	3.04E+00	2.44E-01	6.47E-03	1.20E-02	1.20E-02	2.12E+00	1.14E-01	6.98E-01	8.42E-02	2.85E-01	4.07E-03

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-2 (cont.)	Gumweed	THPCDD	Total heptachlorodibenzo-p-dioxins	1.81E-01	1.45E-02	3.84E-04	7.65E-04	7.65E-04	1.93E+01	1.38E+00	8.48E+00	1.02E+00	ND	ND
	Gumweed	THPCDF	Total heptachlorodibenzofurans	3.78E-02	3.04E-03	8.03E-05	1.60E-04	1.60E-04	4.05E+00	2.89E-01	1.77E+00	2.14E-01	ND	ND
	Gumweed	THCDD	Total hexachlorodibenzo-p-dioxins	4.88E-01	3.92E-02	1.04E-03	2.07E-03	2.07E-03	5.23E+00	3.74E-01	2.29E+00	2.77E-01	ND	ND
	Gumweed	THCDF	Total hexachlorodibenzofurans	2.15E-01	1.73E-02	4.57E-04	9.11E-04	9.11E-04	2.30E+00	1.65E-01	1.01E+00	1.22E-01	ND	ND
	Gumweed	TPCDD	Total pentachlorodibenzo-p-dioxins	1.94E-01	1.56E-02	4.13E-04	8.28E-04	8.28E-04	4.17E-01	2.98E-02	1.83E-01	2.21E-02	ND	ND
	Gumweed	TPCDF	Total pentachlorodibenzofurans	3.79E-01	3.04E-02	8.05E-04	1.62E-03	1.62E-03	8.14E-01	5.82E-02	3.57E-01	4.30E-02	ND	ND
	Gumweed	TTCDD	Total tetrachlorodibenzo-p-dioxins	2.31E-01	1.86E-02	4.92E-04	9.80E-04	9.80E-04	2.48E-01	1.77E-02	1.09E-01	1.31E-02	ND	ND
	Gumweed	TTCDF	Total tetrachlorodibenzofurans	5.96E-02	4.79E-03	1.27E-04	2.52E-04	2.52E-04	6.38E-02	4.56E-03	2.80E-02	3.37E-03	ND	ND
	Gumweed	V	Vanadium	ND	ND	ND	ND	ND	1.64E-01	5.58E-03	4.32E-02	5.12E-03	1.17E-01	ND
	Gumweed	ZN	Zinc	2.18E+01	1.75E+00	4.63E-02	9.26E-02	9.26E-02	4.64E+00	1.59E-01	1.22E+00	1.47E-01	1.69E+00	4.24E-01
	Rabbitbrush	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.34E-01	1.08E-02	2.85E-04	5.68E-04	5.68E-04	1.43E-01	1.03E-02	6.29E-02	7.59E-03	ND	ND
	Rabbitbrush	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.16E-02	9.34E-04	2.47E-05	4.92E-05	4.92E-05	1.24E-02	8.90E-04	5.46E-03	6.58E-04	ND	ND
	Rabbitbrush	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	8.11E-02	6.51E-03	1.72E-04	3.44E-04	3.44E-04	8.68E-02	6.21E-03	3.81E-02	4.59E-03	ND	ND
	Rabbitbrush	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2.89E-04	2.32E-05	6.14E-07	1.22E-06	1.22E-06	3.09E-04	2.21E-05	1.36E-04	1.64E-05	ND	ND
	Rabbitbrush	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2.74E-04	2.20E-05	5.82E-07	1.16E-06	1.16E-06	2.93E-04	2.10E-05	1.29E-04	1.55E-05	ND	ND
	Rabbitbrush	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	9.91E-02	7.96E-03	2.11E-04	4.20E-04	4.20E-04	1.06E-01	7.58E-03	4.65E-02	5.61E-03	ND	ND
	Rabbitbrush	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.62E-04	1.30E-05	3.45E-07	6.87E-07	6.87E-07	1.74E-04	1.24E-05	7.61E-05	9.18E-06	ND	ND
	Rabbitbrush	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.97E-01	2.38E-02	6.31E-04	1.27E-03	1.27E-03	3.18E-01	2.28E-02	1.40E-01	1.69E-02	ND	ND
	Rabbitbrush	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	5.11E-03	4.11E-04	1.09E-05	2.18E-05	2.18E-05	5.49E-03	3.93E-04	2.41E-03	2.91E-04	ND	ND
	Rabbitbrush	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.81E-03	1.46E-04	3.85E-06	7.68E-06	7.68E-06	1.94E-03	1.39E-04	8.51E-04	1.03E-04	ND	ND
	Rabbitbrush	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	1.36E-04	1.09E-05	2.88E-07	5.75E-07	5.75E-07	1.45E-04	1.04E-05	6.37E-05	7.68E-06	ND	ND
	Rabbitbrush	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	2.55E+01	1.09E+00	6.71E+00	5.06E-01	3.26E+00	ND
	Rabbitbrush	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.40E+00	5.99E-02	3.68E-01	2.61E-02	ND	ND
	Rabbitbrush	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	3.85E-02	3.09E-03	8.18E-05	1.63E-04	1.63E-04	4.12E-02	2.95E-03	1.81E-02	2.18E-03	ND	ND
	Rabbitbrush	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	6.93E-02	5.57E-03	1.47E-04	2.96E-04	2.96E-04	7.43E-02	5.32E-03	3.27E-02	3.94E-03	ND	ND
	Rabbitbrush	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.27E-01	1.02E-02	2.70E-04	5.39E-04	5.39E-04	1.36E-01	9.74E-03	5.97E-02	7.20E-03	ND	ND
	Rabbitbrush	TCDF	2,3,7,8-Tetrachlorodibenzofuran	3.39E-02	2.72E-03	7.20E-05	1.44E-04	1.44E-04	4.83E-02	2.59E-03	1.59E-02	1.92E-03	ND	ND
	Rabbitbrush	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	3.95E+00	3.17E-01	8.39E-03	8.39E-03	3.36E-03	9.94E-03	5.35E-04	3.28E-03	3.96E-04	ND	2.85E-04
	Rabbitbrush	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.67E+00	1.34E-01	3.54E-03	3.54E-03	1.42E-03	4.19E-03	2.26E-04	1.38E-03	1.67E-04	ND	1.20E-04
	Rabbitbrush	AG	Silver	4.52E-02	3.63E-03	9.60E-05	1.91E-04	1.91E-04	2.22E-03	7.61E-05	5.84E-04	7.04E-05	4.05E-02	ND
	Rabbitbrush	AL	Aluminum	ND	ND	ND	ND	ND	2.28E+00	1.23E-01	6.01E-01	9.06E-02	1.40E-01	3.65E-02
	Rabbitbrush	AS	Arsenic	1.97E-01	1.58E-02	4.19E-04	8.38E-04	8.38E-04	1.16E-01	8.36E-03	5.13E-02	6.18E-03	3.98E-02	6.63E-03
	Rabbitbrush	BA	Barium	5.68E-01	4.56E-02	1.21E-03	2.41E-03	2.41E-03	7.46E-01	5.35E-02	3.28E-01	3.94E-02	1.59E-02	ND
	Rabbitbrush	BE	Beryllium	2.15E-04	1.72E-05	4.56E-07	9.12E-07	9.12E-07	7.88E-05	5.64E-06	3.46E-05	4.17E-06	3.00E-04	ND
	Rabbitbrush	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	4.37E-04	3.11E-05	1.91E-04	2.34E-05	5.22E-05	7.54E-06
	Rabbitbrush	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	5.87E-04	4.18E-05	2.56E-04	3.14E-05	7.00E-05	1.01E-05
	Rabbitbrush	CD	Cadmium	6.60E+00	5.30E-01	1.40E-02	2.60E-02	2.60E-02	2.77E-01	1.98E-02	1.21E-01	1.46E-02	2.06E-01	3.09E-02
	Rabbitbrush	CHRY	Chrysene	ND	ND	ND	ND	ND	1.63E-03	1.16E-04	7.11E-04	8.70E-05	1.94E-04	2.81E-05
	Rabbitbrush	CO	Cobalt	5.72E-04	4.60E-05	1.22E-06	2.43E-06	2.43E-06	3.22E-01	2.21E-02	1.36E-01	2.05E-02	3.46E-03	ND
	Rabbitbrush	CR	Chromium	1.92E+00	1.55E-01	4.09E-03	8.18E-03	8.18E-03	3.35E-02	1.44E-03	8.83E-03	8.52E-04	4.80E-03	9.01E-01
	Rabbitbrush	CU	Copper	1.02E+00	8.18E-02	2.16E-03	4.33E-03	4.33E-03	1.92E+00	8.26E-02	5.07E-01	4.89E-02	8.12E-02	9.68E-02

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-2 (cont.)	Rabbitbrush	FE	Iron	1.99E+00	1.60E-01	4.24E-03	8.47E-03	8.47E-03	6.39E+00	4.58E-01	2.81E+00	3.38E-01	ND	1.12E-01
	Rabbitbrush	FANT	Fluoranthene	ND	ND	ND	ND	ND	4.29E-03	3.05E-04	1.87E-03	2.29E-04	5.12E-04	7.39E-05
	Rabbitbrush	HG	Mercury	2.62E-02	2.10E-03	5.56E-05	1.11E-04	1.11E-04	1.06E-02	5.79E-04	3.55E-03	4.28E-04	3.14E-02	9.42E-03
	Rabbitbrush	MN	Manganese	4.39E-01	3.53E-02	9.33E-04	1.87E-03	1.87E-03	4.34E-01	3.11E-02	1.91E-01	2.30E-02	5.18E-02	ND
	Rabbitbrush	NI	Nickel	2.68E-01	2.16E-02	5.71E-04	1.14E-03	1.14E-03	3.98E-02	2.85E-03	1.75E-02	2.11E-03	4.50E-03	5.63E-03
	Rabbitbrush	OCDD	Octachlorodibenzodioxin - nonspecific	7.82E-02	6.28E-03	1.66E-04	3.31E-04	3.31E-04	8.37E-02	5.99E-03	3.67E-02	4.43E-03	ND	ND
	Rabbitbrush	OCDF	Octachlorodibenzofuran - nonspecific	4.73E-03	3.80E-04	1.00E-05	2.00E-05	2.00E-05	5.06E-03	3.62E-04	2.22E-03	2.68E-04	ND	ND
	Rabbitbrush	PB	Lead	7.12E+00	1.14E-01	1.51E-02	2.42E-02	2.42E-02	4.16E+00	2.97E-01	1.82E+00	2.20E-01	3.01E-02	2.45E-02
	Rabbitbrush	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.25E-02	8.88E-04	5.45E-03	6.67E-04	1.49E-03	2.15E-04
	Rabbitbrush	PYR	Pyrene	ND	ND	ND	ND	ND	2.89E-03	2.06E-04	1.26E-03	1.54E-04	3.45E-04	4.98E-05
	Rabbitbrush	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	9.65E+02	7.25E+01	4.45E+02	5.36E+01	ND	ND
	Rabbitbrush	SB	Antimony	ND	ND	ND	ND	ND	8.30E-01	5.94E-02	3.64E-01	4.40E-02	8.92E-02	ND
	Rabbitbrush	SE	Selenium	2.40E+00	1.93E-01	5.11E-03	9.48E-03	9.48E-03	1.67E+00	8.99E-02	5.51E-01	6.65E-02	2.25E-01	3.21E-03
	Rabbitbrush	THPCDD	Total heptachlorodibenzo-p-dioxins	2.52E-01	2.03E-02	5.36E-04	1.07E-03	1.07E-03	2.70E+01	1.93E+00	1.18E+01	1.43E+00	ND	ND
	Rabbitbrush	THPCDF	Total heptachlorodibenzofurans	2.53E-02	2.03E-03	5.37E-05	1.07E-04	1.07E-04	2.71E+00	1.94E-01	1.19E+00	1.43E-01	ND	ND
	Rabbitbrush	THCDD	Total hexachlorodibenzo-p-dioxins	1.13E+00	9.09E-02	2.40E-03	4.79E-03	4.79E-03	1.21E+01	8.66E-01	5.31E+00	6.41E-01	ND	ND
	Rabbitbrush	THCDF	Total hexachlorodibenzofurans	1.97E-01	1.58E-02	4.18E-04	8.34E-04	8.34E-04	2.11E+00	1.51E-01	9.24E-01	1.11E-01	ND	ND
	Rabbitbrush	TPCDD	Total pentachlorodibenzo-p-dioxins	9.93E-01	7.97E-02	2.11E-03	4.23E-03	4.23E-03	2.13E+00	1.53E-01	9.36E-01	1.13E-01	ND	ND
	Rabbitbrush	TPCDF	Total pentachlorodibenzofurans	9.06E-01	7.28E-02	1.93E-03	3.87E-03	3.87E-03	1.95E+00	1.39E-01	8.54E-01	1.03E-01	ND	ND
	Rabbitbrush	TTCDD	Total tetrachlorodibenzo-p-dioxins	4.36E-01	3.51E-02	9.27E-04	1.85E-03	1.85E-03	4.67E-01	3.34E-02	2.05E-01	2.47E-02	ND	ND
	Rabbitbrush	TTCDF	Total tetrachlorodibenzofurans	2.73E-01	2.19E-02	5.80E-04	1.16E-03	1.16E-03	2.92E-01	2.09E-02	1.28E-01	1.55E-02	ND	ND
	Rabbitbrush	V	Vanadium	ND	ND	ND	ND	ND	1.08E-01	3.68E-03	2.85E-02	3.37E-03	7.71E-02	ND
	Rabbitbrush	ZN	Zinc	1.04E+01	8.32E-01	2.20E-02	4.40E-02	4.40E-02	2.20E+00	7.57E-02	5.80E-01	7.00E-02	8.05E-01	2.01E-01
	Sweetclover	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.58E-01	2.07E-02	5.48E-04	1.09E-03	1.09E-03	2.76E-01	1.97E-02	1.21E-01	1.46E-02	ND	ND
	Sweetclover	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.17E-02	9.40E-04	2.49E-05	4.96E-05	4.96E-05	1.25E-02	8.96E-04	5.49E-03	6.63E-04	ND	ND
	Sweetclover	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.70E-01	1.37E-02	3.62E-04	7.21E-04	7.21E-04	1.82E-01	1.30E-02	7.99E-02	9.63E-03	ND	ND
	Sweetclover	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	8.17E-04	6.57E-05	1.74E-06	3.46E-06	3.46E-06	8.75E-04	6.26E-05	3.84E-04	4.63E-05	ND	ND
	Sweetclover	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.54E-04	3.65E-05	9.66E-07	1.93E-06	1.93E-06	4.87E-04	3.48E-05	2.13E-04	2.57E-05	ND	ND
	Sweetclover	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.40E-01	1.93E-02	5.10E-04	1.02E-03	1.02E-03	2.57E-01	1.84E-02	1.13E-01	1.36E-02	ND	ND
	Sweetclover	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	4.59E-04	3.68E-05	9.75E-07	1.94E-06	1.94E-06	4.91E-04	3.51E-05	2.15E-04	2.60E-05	ND	ND
	Sweetclover	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.12E-01	8.98E-03	2.38E-04	4.77E-04	4.77E-04	1.20E-01	8.59E-03	5.27E-02	6.35E-03	ND	ND
	Sweetclover	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	6.39E-03	5.14E-04	1.36E-05	2.73E-05	2.73E-05	6.86E-03	4.91E-04	3.01E-03	3.63E-04	ND	ND
	Sweetclover	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	3.74E-03	3.01E-04	7.96E-06	1.59E-05	1.59E-05	4.01E-03	2.87E-04	1.76E-03	2.12E-04	ND	ND
	Sweetclover	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	2.09E-04	1.68E-05	4.44E-07	8.85E-07	8.85E-07	2.23E-04	1.60E-05	9.80E-05	1.18E-05	ND	ND
	Sweetclover	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	7.82E-01	3.36E-02	2.06E-01	1.55E-02	1.00E-01	ND
	Sweetclover	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.21E+00	5.19E-02	3.19E-01	2.26E-02	ND	ND
	Sweetclover	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	7.51E-02	6.03E-03	1.60E-04	3.18E-04	3.18E-04	8.04E-02	5.75E-03	3.53E-02	4.25E-03	ND	ND
	Sweetclover	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	6.16E-02	4.95E-03	1.31E-04	2.63E-04	2.63E-04	6.61E-02	4.73E-03	2.90E-02	3.50E-03	ND	ND
	Sweetclover	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.28E-01	1.03E-02	2.72E-04	5.42E-04	5.42E-04	1.37E-01	9.79E-03	6.00E-02	7.24E-03	ND	ND
	Sweetclover	TCDF	2,3,7,8-Tetrachlorodibenzofuran	4.18E-02	3.36E-03	8.89E-05	1.77E-04	1.77E-04	5.96E-02	3.20E-03	1.96E-02	2.37E-03	ND	ND
	Sweetclover	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.37E-02	7.53E-03	1.99E-04	1.99E-04	7.96E-05	2.36E-04	1.27E-05	7.78E-05	9.39E-06	ND	6.75E-06

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-2 (cont.)	Sweetclover	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2.08E-01	1.67E-02	4.42E-04	4.42E-04	1.77E-04	5.24E-04	2.82E-05	1.73E-04	2.09E-05	ND	1.50E-05
	Sweetclover	AG	Silver	2.00E-02	1.61E-03	4.25E-05	8.46E-05	8.46E-05	9.81E-04	3.37E-05	2.58E-04	3.12E-05	1.79E-02	ND
	Sweetclover	AL	Aluminum	ND	ND	ND	ND	ND	1.48E+00	7.94E-02	3.89E-01	5.87E-02	9.07E-02	2.36E-02
	Sweetclover	AS	Arsenic	3.92E-01	3.15E-02	8.34E-04	1.67E-03	1.67E-03	2.32E-01	1.66E-02	1.02E-01	1.23E-02	7.91E-02	1.32E-02
	Sweetclover	BA	Barium	1.40E+00	1.12E-01	2.97E-03	5.93E-03	5.93E-03	1.83E+00	1.32E-01	8.07E-01	9.69E-02	3.90E-02	ND
	Sweetclover	BE	Beryllium	1.43E-04	1.15E-05	3.04E-07	6.08E-07	6.08E-07	5.25E-05	3.76E-06	2.31E-05	2.78E-06	2.00E-04	ND
	Sweetclover	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	2.68E-03	1.91E-04	1.17E-03	1.43E-04	3.20E-04	4.62E-05
	Sweetclover	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.97E-03	1.41E-04	8.62E-04	1.06E-04	2.36E-04	3.41E-05
	Sweetclover	CD	Cadmium	3.09E+00	2.49E-01	6.58E-03	1.22E-02	1.22E-02	1.30E-01	9.26E-03	5.68E-02	6.85E-03	9.66E-02	1.45E-02
	Sweetclover	CHRY	Chrysene	ND	ND	ND	ND	ND	3.79E-03	2.70E-04	1.66E-03	2.03E-04	4.53E-04	6.54E-05
	Sweetclover	CO	Cobalt	9.50E-04	7.63E-05	2.02E-06	4.04E-06	4.04E-06	5.35E-01	3.68E-02	2.25E-01	3.40E-02	5.75E-03	ND
	Sweetclover	CR	Chromium	1.82E+00	1.46E-01	3.86E-03	7.72E-03	7.72E-03	3.16E-02	1.36E-03	8.33E-03	8.04E-04	4.53E-03	8.50E-01
	Sweetclover	CU	Copper	5.24E-01	4.21E-02	1.11E-03	2.23E-03	2.23E-03	9.89E-01	4.25E-02	2.60E-01	2.52E-02	4.17E-02	4.98E-02
	Sweetclover	FE	Iron	1.46E+00	1.17E-01	3.11E-03	6.21E-03	6.21E-03	4.69E+00	3.36E-01	2.06E+00	2.48E-01	ND	8.21E-02
	Sweetclover	FANT	Fluoranthene	ND	ND	ND	ND	ND	7.69E-03	5.47E-04	3.36E-03	4.11E-04	9.18E-04	1.33E-04
	Sweetclover	HG	Mercury	2.78E-02	2.23E-03	5.90E-05	1.18E-04	1.18E-04	1.13E-02	6.15E-04	3.77E-03	4.55E-04	3.33E-02	1.00E-02
	Sweetclover	MN	Manganese	2.43E-01	1.96E-02	5.17E-04	1.03E-03	1.03E-03	2.41E-01	1.72E-02	1.06E-01	1.27E-02	2.88E-02	ND
	Sweetclover	NI	Nickel	2.04E-01	1.64E-02	4.34E-04	8.67E-04	8.67E-04	3.02E-02	2.16E-03	1.33E-02	1.60E-03	3.42E-03	4.28E-03
	Sweetclover	OCDD	Octachlorodibenzodioxin - nonspecific	7.17E-02	5.76E-03	1.52E-04	3.04E-04	3.04E-04	7.67E-02	5.49E-03	3.36E-02	4.06E-03	ND	ND
	Sweetclover	OCDF	Octachlorodibenzofuran - nonspecific	8.51E-04	6.83E-05	1.81E-06	3.60E-06	3.60E-06	9.10E-04	6.51E-05	3.99E-04	4.82E-05	ND	ND
	Sweetclover	PB	Lead	7.35E-01	1.18E-02	1.56E-03	2.50E-03	2.50E-03	4.29E-01	3.07E-02	1.88E-01	2.27E-02	3.11E-03	2.53E-03
	Sweetclover	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	4.43E-03	3.15E-04	1.93E-03	2.37E-04	5.29E-04	7.64E-05
	Sweetclover	PYR	Pyrene	ND	ND	ND	ND	ND	7.93E-03	5.64E-04	3.46E-03	4.24E-04	9.46E-04	1.37E-04
	Sweetclover	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	1.06E+00	7.99E-02	4.90E-01	5.91E-02	ND	ND
	Sweetclover	SB	Antimony	ND	ND	ND	ND	ND	8.86E-01	6.34E-02	3.89E-01	4.69E-02	9.52E-02	ND
	Sweetclover	SE	Selenium	3.22E+00	2.59E-01	6.85E-03	1.27E-02	1.27E-02	2.25E+00	1.21E-01	7.40E-01	8.92E-02	3.02E-01	4.31E-03
	Sweetclover	THPCDD	Total heptachlorodibenzo-p-dioxins	4.59E-01	3.69E-02	9.77E-04	1.95E-03	1.95E-03	4.92E+01	3.52E+00	2.16E+01	2.60E+00	ND	ND
	Sweetclover	THPCDF	Total heptachlorodibenzofurans	3.83E-02	3.08E-03	8.15E-05	1.62E-04	1.62E-04	4.10E+00	2.94E-01	1.80E+00	2.17E-01	ND	ND
	Sweetclover	THCDD	Total hexachlorodibenzo-p-dioxins	2.15E+00	1.73E-01	4.57E-03	9.12E-03	9.12E-03	2.30E+01	1.65E+00	1.01E+01	1.22E+00	ND	ND
	Sweetclover	THCDF	Total hexachlorodibenzofurans	4.69E-01	3.77E-02	9.98E-04	1.99E-03	1.99E-03	5.02E+00	3.59E-01	2.20E+00	2.66E-01	ND	ND
	Sweetclover	TPCDD	Total pentachlorodibenzo-p-dioxins	2.75E+00	2.21E-01	5.84E-03	1.17E-02	1.17E-02	5.90E+00	4.22E-01	2.59E+00	3.12E-01	ND	ND
	Sweetclover	TPCDF	Total pentachlorodibenzofurans	1.37E+00	1.10E-01	2.90E-03	5.83E-03	5.83E-03	2.94E+00	2.10E-01	1.29E+00	1.55E-01	ND	ND
	Sweetclover	TTCDD	Total tetrachlorodibenzo-p-dioxins	5.53E-01	4.44E-02	1.18E-03	2.34E-03	2.34E-03	5.92E-01	4.23E-02	2.60E-01	3.13E-02	ND	ND
	Sweetclover	TTCDF	Total tetrachlorodibenzofurans	1.61E-01	1.29E-02	3.42E-04	6.83E-04	6.83E-04	1.72E-01	1.23E-02	7.56E-02	9.12E-03	ND	ND
	Sweetclover	V	Vanadium	ND	ND	ND	ND	ND	4.33E-02	1.47E-03	1.14E-02	1.35E-03	3.09E-02	ND
	Sweetclover	ZN	Zinc	2.95E+00	2.37E-01	6.27E-03	1.25E-02	1.25E-02	6.28E-01	2.16E-02	1.65E-01	2.00E-02	2.30E-01	5.74E-02
RSA	Beetle	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.18E-03	6.65E-04	2.35E-04	4.68E-04	4.68E-04	3.41E-03	5.34E-04	1.49E-03	4.82E-03	ND	ND
	Beetle	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.06E-03	4.30E-04	1.52E-04	3.02E-04	3.02E-04	2.20E-03	3.45E-04	9.65E-04	3.11E-03	ND	ND
	Beetle	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.77E-02	5.78E-03	2.04E-03	4.07E-03	4.07E-03	2.96E-02	4.64E-03	1.30E-02	4.19E-02	ND	ND
	Beetle	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1.71E-04	3.58E-05	1.26E-05	2.52E-05	2.52E-05	1.83E-04	2.87E-05	8.04E-05	2.59E-04	ND	ND
	Beetle	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2.81E-04	5.87E-05	2.07E-05	4.13E-05	4.13E-05	3.01E-04	4.71E-05	1.32E-04	4.25E-04	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Beetle	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.70E-02	5.65E-03	1.99E-03	3.98E-03	3.98E-03	2.89E-02	4.53E-03	1.27E-02	4.09E-02	ND	ND
	Beetle	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.29E-04	2.69E-05	9.51E-06	1.90E-05	1.90E-05	1.38E-04	2.16E-05	6.05E-05	1.95E-04	ND	ND
	Beetle	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.52E-01	5.27E-02	1.86E-02	3.74E-02	3.74E-02	2.71E-01	4.25E-02	1.19E-01	3.84E-01	ND	ND
	Beetle	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.68E-02	3.51E-03	1.24E-03	2.49E-03	2.49E-03	1.80E-02	2.83E-03	7.91E-03	2.55E-02	ND	ND
	Beetle	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.45E-04	5.11E-05	1.81E-05	3.60E-05	3.60E-05	2.62E-04	4.10E-05	1.15E-04	3.71E-04	ND	ND
	Beetle	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	1.64E-04	3.42E-05	1.21E-05	2.41E-05	2.41E-05	1.75E-04	2.75E-05	7.69E-05	2.48E-04	ND	ND
	Beetle	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	8.35E-03	1.74E-03	6.16E-04	1.23E-03	1.23E-03	8.94E-03	1.40E-03	3.92E-03	1.26E-02	ND	ND
	Beetle	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1.53E-01	3.20E-02	1.13E-02	2.27E-02	2.27E-02	1.65E-01	2.58E-02	7.23E-02	2.33E-01	ND	ND
	Beetle	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	4.44E-01	9.28E-02	3.28E-02	6.53E-02	6.53E-02	4.75E-01	7.45E-02	2.08E-01	6.72E-01	ND	ND
	Beetle	TCDF	2,3,7,8-Tetrachlorodibenzofuran	3.44E-02	7.18E-03	2.54E-03	5.06E-03	5.06E-03	4.90E-02	5.77E-03	1.61E-02	5.21E-02	ND	ND
	Beetle	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	3.82E-01	7.98E-02	2.82E-02	2.82E-02	1.13E-02	9.61E-04	1.13E-04	3.17E-04	1.02E-03	ND	2.75E-05
	Beetle	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.49E-02	3.12E-03	1.10E-03	1.10E-03	4.40E-04	3.75E-05	4.43E-06	1.24E-05	4.00E-05	ND	1.08E-06
	Beetle	AG	Silver	2.34E-02	4.88E-03	1.72E-03	3.43E-03	3.43E-03	1.15E-03	8.63E-05	3.02E-04	9.74E-04	2.10E-02	ND
	Beetle	AL	Aluminum	ND	ND	ND	ND	ND	4.33E+00	5.09E-01	1.14E+00	4.60E+00	2.66E-01	6.93E-02
	Beetle	AS	Arsenic	2.38E-01	4.97E-02	1.76E-02	3.51E-02	3.51E-02	1.41E-01	2.21E-02	6.19E-02	2.00E-01	4.80E-02	8.00E-03
	Beetle	BA	Barium	1.86E-01	3.89E-02	1.37E-02	2.75E-02	2.75E-02	2.44E-01	3.84E-02	1.08E-01	3.45E-01	5.20E-03	ND
	Beetle	BE	Beryllium	7.15E-04	1.49E-04	5.28E-05	1.06E-04	1.06E-04	2.63E-04	4.12E-05	1.15E-04	3.72E-04	1.00E-03	ND
	Beetle	CD	Cadmium	1.60E+00	3.35E-01	1.18E-01	2.19E-01	2.19E-01	6.72E-02	1.05E-02	2.94E-02	9.48E-02	5.00E-02	7.50E-03
	Beetle	CO	Cobalt	1.24E-03	2.59E-04	9.14E-05	1.83E-04	1.83E-04	6.98E-01	1.05E-01	2.94E-01	1.19E+00	7.50E-03	ND
	Beetle	CR	Chromium	2.30E+00	4.80E-01	1.69E-01	3.39E-01	3.39E-01	4.00E-02	3.76E-03	1.05E-02	2.72E-02	5.73E-03	1.08E+00
	Beetle	CU	Copper	7.15E-01	1.49E-01	5.28E-02	1.06E-01	1.06E-01	1.35E+00	1.27E-01	3.56E-01	9.19E-01	5.70E-02	6.80E-02
	Beetle	FE	Iron	3.79E+00	7.92E-01	2.80E-01	5.59E-01	5.59E-01	1.22E+01	1.91E+00	5.34E+00	1.72E+01	ND	2.13E-01
	Beetle	HG	Mercury	2.78E-02	5.80E-03	2.05E-03	4.10E-03	4.10E-03	1.13E-02	1.35E-03	3.77E-03	1.22E-02	3.33E-02	1.00E-02
	Beetle	MN	Manganese	1.76E-01	3.68E-02	1.30E-02	2.60E-02	2.60E-02	1.74E-01	2.73E-02	7.65E-02	2.46E-01	2.08E-02	ND
	Beetle	NI	Nickel	2.38E-01	4.98E-02	1.76E-02	3.52E-02	3.52E-02	3.53E-02	5.54E-03	1.55E-02	5.00E-02	4.00E-03	5.00E-03
	Beetle	OCDD	Octachlorodibenzodioxin - nonspecific	9.55E-04	2.00E-04	7.05E-05	1.41E-04	1.41E-04	1.02E-03	1.60E-04	4.49E-04	1.45E-03	ND	ND
	Beetle	OCDF	Octachlorodibenzofuran - nonspecific	7.84E-04	1.64E-04	5.79E-05	1.15E-04	1.15E-04	8.40E-04	1.32E-04	3.68E-04	1.19E-03	ND	ND
	Beetle	PB	Lead	2.30E-01	9.60E-03	1.70E-02	2.72E-02	2.72E-02	1.34E-01	2.10E-02	5.88E-02	1.90E-01	9.72E-04	7.92E-04
	Beetle	SB	Antimony	ND	ND	ND	ND	ND	3.91E-01	6.13E-02	1.72E-01	5.53E-01	4.20E-02	ND
	Beetle	SE	Selenium	1.39E+00	2.90E-01	1.02E-01	1.90E-01	1.90E-01	9.67E-01	1.14E-01	3.19E-01	1.03E+00	1.30E-01	1.86E-03
	Beetle	THPCDD	Total heptachlorodibenzo-p-dioxins	3.18E-03	6.65E-04	2.35E-04	4.68E-04	4.68E-04	3.41E-01	5.34E-02	1.49E-01	4.82E-01	ND	ND
	Beetle	THPCDF	Total heptachlorodibenzofurans	2.37E-03	4.96E-04	1.75E-04	3.49E-04	3.49E-04	2.54E-01	3.98E-02	1.11E-01	3.59E-01	ND	ND
	Beetle	THCDD	Total hexachlorodibenzo-p-dioxins	2.63E-02	5.49E-03	1.94E-03	3.87E-03	3.87E-03	2.82E-01	4.41E-02	1.23E-01	3.98E-01	ND	ND
	Beetle	THCDF	Total hexachlorodibenzofurans	8.35E-03	1.74E-03	6.16E-04	1.23E-03	1.23E-03	8.94E-02	1.40E-02	3.92E-02	1.26E-01	ND	ND
	Beetle	TPCDD	Total pentachlorodibenzo-p-dioxins	2.52E-01	5.27E-02	1.86E-02	3.74E-02	3.74E-02	5.42E-01	8.50E-02	2.38E-01	7.67E-01	ND	ND
	Beetle	TPCDF	Total pentachlorodibenzofurans	1.60E-01	3.35E-02	1.18E-02	2.38E-02	2.38E-02	3.45E-01	5.40E-02	1.51E-01	4.87E-01	ND	ND
	Beetle	TTCDD	Total tetrachlorodibenzo-p-dioxins	5.22E+01	1.09E+01	3.85E+00	7.68E+00	7.68E+00	5.59E+01	8.76E+00	2.45E+01	7.91E+01	ND	ND
	Beetle	TTCDF	Total tetrachlorodibenzofurans	3.44E-02	7.18E-03	2.54E-03	5.06E-03	5.06E-03	3.68E-02	5.77E-03	1.61E-02	5.21E-02	ND	ND
	Beetle	V	Vanadium	ND	ND	ND	ND	ND	2.18E-01	1.62E-02	5.73E-02	1.81E-01	1.55E-01	ND
	Beetle	ZN	Zinc	1.11E+01	2.32E+00	8.19E-01	1.64E+00	1.64E+00	2.36E+00	1.78E-01	6.23E-01	2.01E+00	8.64E-01	2.16E-01
	Grasshopper	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	8.02E-03	1.68E-03	5.92E-04	1.18E-03	1.18E-03	8.59E-03	1.34E-03	3.77E-03	1.21E-02	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Grasshopper	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	4.41E-03	9.21E-04	3.25E-04	6.49E-04	6.49E-04	4.72E-03	7.39E-04	2.07E-03	6.68E-03	ND	ND
	Grasshopper	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	6.39E-02	1.33E-02	4.71E-03	9.40E-03	9.40E-03	6.84E-02	1.07E-02	3.00E-02	9.67E-02	ND	ND
	Grasshopper	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	3.64E-04	7.61E-05	2.69E-05	5.36E-05	5.36E-05	3.90E-04	6.11E-05	1.71E-04	5.51E-04	ND	ND
	Grasshopper	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	6.02E-04	1.26E-04	4.44E-05	8.85E-05	8.85E-05	6.44E-04	1.01E-04	2.82E-04	9.11E-04	ND	ND
	Grasshopper	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	6.24E-02	1.30E-02	4.60E-03	9.18E-03	9.18E-03	6.68E-02	1.05E-02	2.93E-02	9.45E-02	ND	ND
	Grasshopper	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2.74E-04	5.72E-05	2.02E-05	4.03E-05	4.03E-05	2.93E-04	4.59E-05	1.29E-04	4.15E-04	ND	ND
	Grasshopper	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	4.53E-01	9.47E-02	3.34E-02	6.71E-02	6.71E-02	4.86E-01	7.63E-02	2.14E-01	6.89E-01	ND	ND
	Grasshopper	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	2.39E-02	5.00E-03	1.77E-03	3.55E-03	3.55E-03	2.57E-02	4.03E-03	1.13E-02	3.64E-02	ND	ND
	Grasshopper	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	5.65E-04	1.18E-04	4.17E-05	8.31E-05	8.31E-05	6.05E-04	9.48E-05	2.65E-04	8.56E-04	ND	ND
	Grasshopper	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	3.48E-04	7.27E-05	2.57E-05	5.12E-05	5.12E-05	3.73E-04	5.84E-05	1.63E-04	5.27E-04	ND	ND
	Grasshopper	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	3.45E-02	7.21E-03	2.54E-03	5.07E-03	5.07E-03	3.69E-02	5.78E-03	1.62E-02	5.22E-02	ND	ND
	Grasshopper	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	2.19E-01	4.57E-02	1.61E-02	3.24E-02	3.24E-02	2.35E-01	3.68E-02	1.03E-01	3.32E-01	ND	ND
	Grasshopper	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	5.35E-01	1.12E-01	3.95E-02	7.87E-02	7.87E-02	5.73E-01	8.97E-02	2.51E-01	8.10E-01	ND	ND
	Grasshopper	TCDF	2,3,7,8-Tetrachlorodibenzofuran	4.25E-02	8.89E-03	3.14E-03	6.26E-03	6.26E-03	6.06E-02	7.13E-03	2.00E-02	6.44E-02	ND	ND
	Grasshopper	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	3.47E-02	7.25E-03	2.56E-03	2.56E-03	1.02E-03	8.73E-05	1.03E-05	2.88E-05	9.29E-05	ND	2.50E-06
	Grasshopper	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	3.30E-02	6.90E-03	2.44E-03	2.44E-03	9.75E-04	8.31E-05	9.80E-06	2.74E-05	8.85E-05	ND	2.38E-06
	Grasshopper	AG	Silver	3.24E-02	6.77E-03	2.39E-03	4.76E-03	4.76E-03	1.59E-03	1.20E-04	4.19E-04	1.35E-03	2.91E-02	ND
	Grasshopper	AL	Aluminum	ND	ND	ND	ND	ND	1.39E+00	1.64E-01	3.67E-01	1.48E+00	8.55E-02	2.23E-02
	Grasshopper	AS	Arsenic	4.66E-02	9.74E-03	3.44E-03	6.88E-03	6.88E-03	2.75E-02	4.33E-03	1.21E-02	3.91E-02	9.41E-03	1.57E-03
	Grasshopper	BA	Barium	1.43E-01	2.98E-02	1.05E-02	2.11E-02	2.11E-02	1.87E-01	2.94E-02	8.25E-02	2.65E-01	3.99E-03	ND
	Grasshopper	BE	Beryllium	1.43E-04	2.99E-05	1.06E-05	2.11E-05	2.11E-05	5.25E-05	8.24E-06	2.31E-05	7.44E-05	2.00E-04	ND
	Grasshopper	CD	Cadmium	5.35E+00	1.12E+00	3.94E-01	7.32E-01	7.32E-01	2.24E-01	3.50E-02	9.81E-02	3.16E-01	1.67E-01	2.50E-02
	Grasshopper	CO	Cobalt	9.44E-04	1.97E-04	6.97E-05	1.39E-04	1.39E-04	5.31E-01	8.00E-02	2.24E-01	9.03E-01	5.71E-03	ND
	Grasshopper	CR	Chromium	1.96E+00	4.10E-01	1.45E-01	2.90E-01	2.90E-01	3.42E-02	3.22E-03	9.01E-03	2.32E-02	4.90E-03	9.19E-01
	Grasshopper	CU	Copper	2.66E+00	5.56E-01	1.96E-01	3.93E-01	3.93E-01	5.03E+00	4.73E-01	1.32E+00	3.42E+00	2.12E-01	2.53E-01
	Grasshopper	FE	Iron	1.42E+00	2.97E-01	1.05E-01	2.09E-01	2.09E-01	4.55E+00	7.14E-01	2.00E+00	6.43E+00	ND	7.98E-02
	Grasshopper	HG	Mercury	2.78E-02	5.80E-03	2.05E-03	4.10E-03	4.10E-03	1.13E-02	1.35E-03	3.77E-03	1.22E-02	3.33E-02	1.00E-02
	Grasshopper	MN	Manganese	1.10E-01	2.31E-02	8.15E-03	1.63E-02	1.63E-02	1.09E-01	1.71E-02	4.80E-02	1.55E-01	1.30E-02	ND
	Grasshopper	NI	Nickel	1.22E-01	2.55E-02	9.02E-03	1.80E-02	1.80E-02	1.81E-02	2.84E-03	7.95E-03	2.56E-02	2.05E-03	2.56E-03
	Grasshopper	OCDD	Octachlorodibenzodioxin - nonspecific	1.93E-03	4.03E-04	1.42E-04	2.84E-04	2.84E-04	2.07E-03	3.24E-04	9.06E-04	2.92E-03	ND	ND
	Grasshopper	OCDF	Octachlorodibenzofuran - nonspecific	1.58E-03	3.31E-04	1.17E-04	2.33E-04	2.33E-04	1.70E-03	2.66E-04	7.44E-04	2.40E-03	ND	ND
	Grasshopper	PB	Lead	2.50E-01	1.05E-02	1.85E-02	2.96E-02	2.96E-02	1.46E-01	2.29E-02	6.41E-02	2.07E-01	1.06E-03	8.63E-04
	Grasshopper	SB	Antimony	ND	ND	ND	ND	ND	1.95E-01	3.06E-02	8.58E-02	2.77E-01	2.10E-02	ND
	Grasshopper	SE	Selenium	2.15E+00	4.49E-01	1.59E-01	2.95E-01	2.95E-01	1.50E+00	1.76E-01	4.93E-01	1.59E+00	2.01E-01	2.88E-03
	Grasshopper	THPCDD	Total heptachlorodibenzo-p-dioxins	8.02E-03	1.68E-03	5.92E-04	1.18E-03	1.18E-03	8.59E-01	1.34E-01	3.77E-01	1.21E+00	ND	ND
	Grasshopper	THPCDF	Total heptachlorodibenzofurans	5.09E-03	1.06E-03	3.75E-04	7.48E-04	7.48E-04	5.45E-01	8.53E-02	2.39E-01	7.70E-01	ND	ND
	Grasshopper	THCDD	Total hexachlorodibenzo-p-dioxins	6.07E-02	1.27E-02	4.48E-03	8.94E-03	8.94E-03	6.50E-01	1.02E-01	2.85E-01	9.20E-01	ND	ND
	Grasshopper	THCDF	Total hexachlorodibenzofurans	3.36E-02	7.01E-03	2.48E-03	4.94E-03	4.94E-03	3.59E-01	5.63E-02	1.58E-01	5.08E-01	ND	ND
	Grasshopper	TPCDD	Total pentachlorodibenzo-p-dioxins	4.53E-01	9.47E-02	3.34E-02	6.71E-02	6.71E-02	9.74E-01	1.53E-01	4.27E-01	1.38E+00	ND	ND
	Grasshopper	TPCDF	Total pentachlorodibenzofurans	2.29E-01	4.78E-02	1.69E-02	3.39E-02	3.39E-02	4.92E-01	7.70E-02	2.16E-01	6.95E-01	ND	ND
	Grasshopper	TTCDD	Total tetrachlorodibenzo-p-dioxins	3.95E-01	8.25E-02	2.91E-02	5.81E-02	5.81E-02	4.23E-01	6.62E-02	1.85E-01	5.98E-01	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Grasshopper	TTCDF	Total tetrachlorodibenzofurans	4.25E-02	8.89E-03	3.14E-03	6.26E-03	6.26E-03	4.55E-02	7.13E-03	2.00E-02	6.44E-02	ND	ND
	Grasshopper	V	Vanadium	ND	ND	ND	ND	ND	8.65E-02	6.44E-03	2.28E-02	7.21E-02	6.16E-02	ND
	Grasshopper	ZN	Zinc	1.48E+01	3.10E+00	1.10E+00	2.19E+00	2.19E+00	3.16E+00	2.38E-01	8.33E-01	2.68E+00	1.16E+00	2.89E-01
	Gumweed	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.58E-02	3.31E-03	1.17E-03	2.33E-03	2.33E-03	1.69E-02	2.65E-03	7.43E-03	2.40E-02	ND	ND
	Gumweed	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	7.64E-03	1.60E-03	5.64E-04	1.12E-03	1.12E-03	8.18E-03	1.28E-03	3.59E-03	1.16E-02	ND	ND
	Gumweed	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.22E-01	2.56E-02	9.02E-03	1.80E-02	1.80E-02	1.31E-01	2.05E-02	5.74E-02	1.85E-01	ND	ND
	Gumweed	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	6.57E-04	1.37E-04	4.85E-05	9.67E-05	9.67E-05	7.04E-04	1.10E-04	3.09E-04	9.95E-04	ND	ND
	Gumweed	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.25E-03	2.61E-04	9.23E-05	1.84E-04	1.84E-04	1.34E-03	2.10E-04	5.88E-04	1.89E-03	ND	ND
	Gumweed	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.02E-01	2.14E-02	7.55E-03	1.50E-02	1.50E-02	1.09E-01	1.72E-02	4.80E-02	1.55E-01	ND	ND
	Gumweed	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	5.24E-04	1.10E-04	3.87E-05	7.72E-05	7.72E-05	5.61E-04	8.79E-05	2.46E-04	7.94E-04	ND	ND
	Gumweed	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	4.24E-01	8.85E-02	3.13E-02	6.28E-02	6.28E-02	4.55E-01	7.13E-02	2.00E-01	6.44E-01	ND	ND
	Gumweed	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.51E-02	3.15E-03	1.11E-03	2.23E-03	2.23E-03	1.62E-02	2.53E-03	7.10E-03	2.29E-02	ND	ND
	Gumweed	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.11E-03	2.32E-04	8.18E-05	1.63E-04	1.63E-04	1.19E-03	1.86E-04	5.21E-04	1.68E-03	ND	ND
	Gumweed	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	7.04E-04	1.47E-04	5.19E-05	1.04E-04	1.04E-04	7.53E-04	1.18E-04	3.31E-04	1.07E-03	ND	ND
	Gumweed	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	2.60E+01	2.45E+00	6.86E+00	1.38E+01	3.33E+00	ND
	Gumweed	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	2.05E+00	1.93E-01	5.39E-01	1.02E+00	ND	ND
	Gumweed	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	6.31E-02	1.32E-02	4.65E-03	9.28E-03	9.28E-03	6.75E-02	1.06E-02	2.96E-02	9.55E-02	ND	ND
	Gumweed	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1.56E-01	3.25E-02	1.15E-02	2.30E-02	2.30E-02	1.67E-01	2.62E-02	7.33E-02	2.36E-01	ND	ND
	Gumweed	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	5.11E-01	1.07E-01	3.77E-02	7.52E-02	7.52E-02	5.47E-01	8.57E-02	2.40E-01	7.73E-01	ND	ND
	Gumweed	TCDF	2,3,7,8-Tetrachlorodibenzofuran	6.57E-02	1.37E-02	4.85E-03	9.67E-03	9.67E-03	9.37E-02	1.10E-02	3.08E-02	9.95E-02	ND	ND
	Gumweed	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	2.36E+00	4.93E-01	1.74E-01	1.74E-01	6.96E-02	5.94E-03	7.00E-04	1.96E-03	6.32E-03	ND	1.70E-04
	Gumweed	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	7.98E-01	1.67E-01	5.89E-02	5.89E-02	2.36E-02	2.01E-03	2.37E-04	6.63E-04	2.14E-03	ND	5.75E-05
	Gumweed	AG	Silver	4.38E-02	9.15E-03	3.23E-03	6.44E-03	6.44E-03	2.15E-03	1.62E-04	5.66E-04	1.83E-03	3.93E-02	ND
	Gumweed	AL	Aluminum	ND	ND	ND	ND	ND	4.45E+00	5.23E-01	1.17E+00	4.72E+00	2.73E-01	7.12E-02
	Gumweed	AS	Arsenic	1.56E-01	3.26E-02	1.15E-02	2.30E-02	2.30E-02	9.23E-02	1.45E-02	4.06E-02	1.31E-01	3.15E-02	5.25E-03
	Gumweed	BA	Barium	1.37E+00	2.87E-01	1.01E-01	2.03E-01	2.03E-01	1.80E+00	2.84E-01	7.94E-01	2.55E+00	3.84E-02	ND
	Gumweed	BE	Beryllium	8.77E-04	1.83E-04	6.47E-05	1.29E-04	1.29E-04	3.22E-04	5.05E-05	1.41E-04	4.56E-04	1.23E-03	ND
	Gumweed	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.34E-04	2.09E-05	5.85E-05	1.92E-04	1.60E-05	2.31E-06
	Gumweed	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.36E-04	2.12E-05	5.92E-05	1.94E-04	1.62E-05	2.34E-06
	Gumweed	CD	Cadmium	6.15E+00	1.29E+00	4.54E-01	8.43E-01	8.43E-01	2.58E-01	4.04E-02	1.13E-01	3.64E-01	1.92E-01	2.88E-02
	Gumweed	CHRY	Chrysene	ND	ND	ND	ND	ND	1.16E-04	1.80E-05	5.05E-05	1.65E-04	1.38E-05	1.99E-06
	Gumweed	CO	Cobalt	7.26E-04	1.52E-04	5.36E-05	1.07E-04	1.07E-04	4.09E-01	6.15E-02	1.72E-01	6.94E-01	4.40E-03	ND
	Gumweed	CR	Chromium	2.40E+00	5.02E-01	1.77E-01	3.55E-01	3.55E-01	4.19E-02	3.94E-03	1.10E-02	2.84E-02	6.00E-03	1.13E+00
	Gumweed	CU	Copper	1.22E+00	2.54E-01	8.99E-02	1.80E-01	1.80E-01	2.30E+00	2.16E-01	6.06E-01	1.56E+00	9.71E-02	1.16E-01
	Gumweed	FE	Iron	3.13E+00	6.55E-01	2.31E-01	4.63E-01	4.63E-01	1.01E+01	1.58E+00	4.42E+00	1.42E+01	ND	1.76E-01
	Gumweed	FANT	Fluoranthene	ND	ND	ND	ND	ND	6.03E-04	9.40E-05	2.63E-04	8.62E-04	7.20E-05	1.04E-05
	Gumweed	HG	Mercury	2.75E-02	5.74E-03	2.03E-03	4.06E-03	4.06E-03	1.12E-02	1.33E-03	3.73E-03	1.20E-02	3.30E-02	9.90E-03
	Gumweed	MN	Manganese	6.77E-01	1.41E-01	4.99E-02	9.98E-02	9.98E-02	6.69E-01	1.05E-01	2.94E-01	9.47E-01	7.99E-02	ND
	Gumweed	NI	Nickel	5.47E-01	1.14E-01	4.04E-02	8.07E-02	8.07E-02	8.10E-02	1.27E-02	3.56E-02	1.15E-01	9.17E-03	1.15E-02
	Gumweed	OCDD	Octachlorodibenzodioxin - nonspecific	2.61E-03	5.45E-04	1.92E-04	3.84E-04	3.84E-04	2.79E-03	4.37E-04	1.22E-03	3.95E-03	ND	ND
	Gumweed	OCDF	Octachlorodibenzofuran - nonspecific	1.16E-03	2.42E-04	8.54E-05	1.70E-04	1.70E-04	1.24E-03	1.94E-04	5.44E-04	1.75E-03	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Gumweed	PB	Lead	6.84E-01	2.86E-02	5.04E-02	8.08E-02	8.08E-02	3.99E-01	6.25E-02	1.75E-01	5.64E-01	2.89E-03	2.36E-03
	Gumweed	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	3.15E-03	4.91E-04	1.37E-03	4.50E-03	3.76E-04	5.43E-05
	Gumweed	PYR	Pyrene	ND	ND	ND	ND	ND	3.02E-04	4.70E-05	1.32E-04	4.31E-04	3.60E-05	5.20E-06
	Gumweed	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	2.10E+01	3.46E+00	9.68E+00	3.12E+01	ND	ND
	Gumweed	SB	Antimony	ND	ND	ND	ND	ND	3.07E-01	4.81E-02	1.35E-01	4.35E-01	3.30E-02	ND
	Gumweed	SE	Selenium	4.31E+00	9.01E-01	3.18E-01	5.91E-01	5.91E-01	3.01E+00	3.53E-01	9.90E-01	3.19E+00	4.04E-01	5.77E-03
	Gumweed	THPCDD	Total heptachlorodibenzo-p-dioxins	1.04E-02	2.17E-03	7.66E-04	1.53E-03	1.53E-03	1.11E+00	1.74E-01	4.87E-01	1.57E+00	ND	ND
	Gumweed	THPCDF	Total heptachlorodibenzofurans	9.49E-03	1.98E-03	7.00E-04	1.40E-03	1.40E-03	1.02E+00	1.59E-01	4.45E-01	1.44E+00	ND	ND
	Gumweed	THCDD	Total hexachlorodibenzo-p-dioxins	1.11E-01	2.32E-02	8.20E-03	1.64E-02	1.64E-02	1.19E+00	1.86E-01	5.22E-01	1.68E+00	ND	ND
	Gumweed	THCDF	Total hexachlorodibenzofurans	4.14E-02	8.64E-03	3.05E-03	6.08E-03	6.08E-03	4.43E-01	6.93E-02	1.94E-01	6.26E-01	ND	ND
	Gumweed	TPCDD	Total pentachlorodibenzo-p-dioxins	4.24E-01	8.85E-02	3.13E-02	6.28E-02	6.28E-02	9.10E-01	1.43E-01	3.99E-01	1.29E+00	ND	ND
	Gumweed	TPCDF	Total pentachlorodibenzofurans	2.34E-01	4.90E-02	1.73E-02	3.47E-02	3.47E-02	5.04E-01	7.89E-02	2.21E-01	7.12E-01	ND	ND
	Gumweed	TTCDD	Total tetrachlorodibenzo-p-dioxins	3.14E-01	6.56E-02	2.32E-02	4.62E-02	4.62E-02	3.36E-01	5.26E-02	1.47E-01	4.75E-01	ND	ND
	Gumweed	TTCDF	Total tetrachlorodibenzofurans	1.31E-01	2.73E-02	9.66E-03	1.93E-02	1.93E-02	1.40E-01	2.20E-02	6.15E-02	1.98E-01	ND	ND
	Gumweed	V	Vanadium	ND	ND	ND	ND	ND	1.72E-01	1.28E-02	4.53E-02	1.44E-01	1.23E-01	ND
	Gumweed	ZN	Zinc	5.48E+00	1.14E+00	4.04E-01	8.08E-01	8.08E-01	1.17E+00	8.78E-02	3.07E-01	9.90E-01	4.26E-01	1.07E-01
	Jackrabbit	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5.86E-03	1.22E-03	4.32E-04	8.62E-04	8.62E-04	6.27E-03	9.83E-04	2.75E-03	8.87E-03	ND	ND
	Jackrabbit	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.17E-03	4.54E-04	1.60E-04	3.19E-04	3.19E-04	2.32E-03	3.64E-04	1.02E-03	3.29E-03	ND	ND
	Jackrabbit	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	5.12E-02	1.07E-02	3.78E-03	7.53E-03	7.53E-03	5.48E-02	8.58E-03	2.40E-02	7.75E-02	ND	ND
	Jackrabbit	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	3.33E-04	6.97E-05	2.46E-05	4.91E-05	4.91E-05	3.57E-04	5.59E-05	1.57E-04	5.05E-04	ND	ND
	Jackrabbit	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	6.51E-04	1.36E-04	4.80E-05	9.58E-05	9.58E-05	6.97E-04	1.09E-04	3.06E-04	9.86E-04	ND	ND
	Jackrabbit	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	4.21E-02	8.79E-03	3.10E-03	6.19E-03	6.19E-03	4.50E-02	7.05E-03	1.97E-02	6.37E-02	ND	ND
	Jackrabbit	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2.50E-04	5.23E-05	1.85E-05	3.68E-05	3.68E-05	2.68E-04	4.20E-05	1.18E-04	3.79E-04	ND	ND
	Jackrabbit	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.54E-01	5.31E-02	1.87E-02	3.76E-02	3.76E-02	2.72E-01	4.27E-02	1.20E-01	3.86E-01	ND	ND
	Jackrabbit	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.56E-02	3.26E-03	1.15E-03	2.31E-03	2.31E-03	1.68E-02	2.63E-03	7.36E-03	2.37E-02	ND	ND
	Jackrabbit	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	3.69E-04	7.72E-05	2.73E-05	5.44E-05	5.44E-05	3.95E-04	6.20E-05	1.73E-04	5.59E-04	ND	ND
	Jackrabbit	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	3.36E-04	7.02E-05	2.48E-05	4.94E-05	4.94E-05	3.60E-04	5.64E-05	1.58E-04	5.09E-04	ND	ND
	Jackrabbit	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.12E+00	1.05E-01	2.94E-01	5.58E-01	ND	ND
	Jackrabbit	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	3.15E-02	6.57E-03	2.32E-03	4.63E-03	4.63E-03	3.37E-02	5.28E-03	1.48E-02	4.76E-02	ND	ND
	Jackrabbit	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1.57E-01	3.29E-02	1.16E-02	2.33E-02	2.33E-02	1.69E-01	2.65E-02	7.41E-02	2.39E-01	ND	ND
	Jackrabbit	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2.92E-01	6.11E-02	2.16E-02	4.30E-02	4.30E-02	3.13E-01	4.90E-02	1.37E-01	4.42E-01	ND	ND
	Jackrabbit	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.43E-02	5.08E-03	1.79E-03	3.58E-03	3.58E-03	3.47E-02	4.08E-03	1.14E-02	3.68E-02	ND	ND
	Jackrabbit	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	5.09E-02	1.06E-02	3.76E-03	3.76E-03	1.50E-03	1.28E-04	1.51E-05	4.23E-05	1.36E-04	ND	3.67E-06
	Jackrabbit	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	6.94E-01	1.45E-01	5.12E-02	5.12E-02	2.05E-02	1.75E-03	2.06E-04	5.76E-04	1.86E-03	ND	5.00E-05
	Jackrabbit	AG	Silver	1.03E-01	2.16E-02	7.64E-03	1.52E-02	1.52E-02	5.08E-03	3.82E-04	1.34E-03	4.31E-03	9.28E-02	ND
	Jackrabbit	AL	Aluminum	ND	ND	ND	ND	ND	1.26E+00	1.48E-01	3.32E-01	1.34E+00	7.73E-02	2.02E-02
	Jackrabbit	AS	Arsenic	9.29E-02	1.94E-02	6.86E-03	1.37E-02	1.37E-02	5.49E-02	8.63E-03	2.42E-02	7.80E-02	1.87E-02	3.12E-03
	Jackrabbit	BA	Barium	7.13E-01	1.49E-01	5.26E-02	1.05E-01	1.05E-01	9.37E-01	1.47E-01	4.12E-01	1.32E+00	1.99E-02	ND
	Jackrabbit	BE	Beryllium	1.43E-04	2.99E-05	1.06E-05	2.11E-05	2.11E-05	5.25E-05	8.24E-06	2.31E-05	7.44E-05	2.00E-04	ND
	Jackrabbit	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	8.21E-05	1.28E-05	3.58E-05	1.17E-04	9.80E-06	1.42E-06
	Jackrabbit	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	8.38E-05	1.31E-05	3.66E-05	1.20E-04	1.00E-05	1.45E-06

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Jackrabbit	CD	Cadmium	8.96E-01	1.87E-01	6.61E-02	1.23E-01	1.23E-01	3.76E-02	5.88E-03	1.65E-02	5.30E-02	2.80E-02	4.20E-03
	Jackrabbit	CHRY	Chrysene	ND	ND	ND	ND	ND	9.38E-05	1.46E-05	4.10E-05	1.34E-04	1.12E-05	1.62E-06
	Jackrabbit	CO	Cobalt	3.32E-04	6.93E-05	2.45E-05	4.90E-05	4.90E-05	1.87E-01	2.81E-02	7.87E-02	3.17E-01	2.01E-03	ND
	Jackrabbit	CR	Chromium	2.25E+00	4.71E-01	1.66E-01	3.33E-01	3.33E-01	3.93E-02	3.69E-03	1.03E-02	2.67E-02	5.63E-03	1.06E+00
	Jackrabbit	CU	Copper	3.32E-01	6.94E-02	2.45E-02	4.90E-02	4.90E-02	6.27E-01	5.90E-02	1.65E-01	4.27E-01	2.65E-02	3.16E-02
	Jackrabbit	FE	Iron	2.07E+00	4.33E-01	1.53E-01	3.06E-01	3.06E-01	6.65E+00	1.04E+00	2.92E+00	9.39E+00	ND	1.16E-01
	Jackrabbit	FANT	Fluoranthene	ND	ND	ND	ND	ND	1.44E-04	2.25E-05	6.29E-05	2.06E-04	1.72E-05	2.49E-06
	Jackrabbit	HG	Mercury	3.78E-02	7.89E-03	2.79E-03	5.57E-03	5.57E-03	1.53E-02	1.83E-03	5.13E-03	1.65E-02	4.54E-02	1.36E-02
	Jackrabbit	MN	Manganese	5.97E-02	1.25E-02	4.41E-03	8.82E-03	8.82E-03	5.91E-02	9.27E-03	2.60E-02	8.36E-02	7.06E-03	ND
	Jackrabbit	NI	Nickel	3.10E-02	6.49E-03	2.29E-03	4.58E-03	4.58E-03	4.60E-03	7.21E-04	2.02E-03	6.51E-03	5.21E-04	6.51E-04
	Jackrabbit	OCDD	Octachlorodibenzodioxin - nonspecific	5.31E-04	1.11E-04	3.91E-05	7.81E-05	7.81E-05	5.68E-04	8.90E-05	2.49E-04	8.03E-04	ND	ND
	Jackrabbit	OCDF	Octachlorodibenzofuran - nonspecific	7.72E-04	1.61E-04	5.69E-05	1.14E-04	1.14E-04	8.26E-04	1.29E-04	3.62E-04	1.17E-03	ND	ND
	Jackrabbit	PB	Lead	9.90E+00	4.14E-01	7.30E-01	1.17E+00	1.17E+00	5.78E+00	9.05E-01	2.53E+00	8.17E+00	4.19E-02	3.41E-02
	Jackrabbit	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	6.20E-05	9.66E-06	2.71E-05	8.86E-05	7.40E-06	1.07E-06
	Jackrabbit	PYR	Pyrene	ND	ND	ND	ND	ND	6.54E-05	1.02E-05	2.85E-05	9.34E-05	7.80E-06	1.13E-06
	Jackrabbit	SB	Antimony	ND	ND	ND	ND	ND	1.09E+00	1.71E-01	4.80E-01	1.55E+00	1.18E-01	ND
	Jackrabbit	SE	Selenium	4.97E+00	1.04E+00	3.67E-01	6.82E-01	6.82E-01	3.47E+00	4.08E-01	1.14E+00	3.68E+00	4.66E-01	6.66E-03
	Jackrabbit	THPCDD	Total heptachlorodibenzo-p-dioxins	5.86E-03	1.22E-03	4.32E-04	8.62E-04	8.62E-04	6.27E-01	9.83E-02	2.75E-01	8.87E-01	ND	ND
	Jackrabbit	THPCDF	Total heptachlorodibenzofurans	2.63E-03	5.50E-04	1.94E-04	3.87E-04	3.87E-04	2.82E-01	4.41E-02	1.24E-01	3.98E-01	ND	ND
	Jackrabbit	THCDD	Total hexachlorodibenzo-p-dioxins	4.26E-02	8.91E-03	3.15E-03	6.27E-03	6.27E-03	4.56E-01	7.15E-02	2.00E-01	6.45E-01	ND	ND
	Jackrabbit	THCDF	Total hexachlorodibenzofurans	1.72E-02	3.60E-03	1.27E-03	2.53E-03	2.53E-03	1.84E-01	2.89E-02	8.09E-02	2.61E-01	ND	ND
	Jackrabbit	TPCDD	Total pentachlorodibenzo-p-dioxins	2.54E-01	5.31E-02	1.87E-02	3.76E-02	3.76E-02	5.46E-01	8.55E-02	2.39E-01	7.72E-01	ND	ND
	Jackrabbit	TPCDF	Total pentachlorodibenzofurans	8.09E-02	1.69E-02	5.97E-03	1.20E-02	1.20E-02	1.74E-01	2.72E-02	7.62E-02	2.46E-01	ND	ND
	Jackrabbit	TTCDD	Total tetrachlorodibenzo-p-dioxins	2.92E-01	6.11E-02	2.16E-02	4.30E-02	4.30E-02	3.13E-01	4.90E-02	1.37E-01	4.42E-01	ND	ND
	Jackrabbit	TTCDF	Total tetrachlorodibenzofurans	2.19E-02	4.57E-03	1.61E-03	3.22E-03	3.22E-03	2.34E-02	3.67E-03	1.03E-02	3.31E-02	ND	ND
	Jackrabbit	V	Vanadium	ND	ND	ND	ND	ND	3.78E-02	2.81E-03	9.95E-03	3.15E-02	2.69E-02	ND
	Jackrabbit	ZN	Zinc	5.53E+00	1.16E+00	4.08E-01	8.17E-01	8.17E-01	1.18E+00	8.86E-02	3.10E-01	1.00E+00	4.31E-01	1.08E-01
	Rabbitbrush	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.02E-02	2.13E-03	7.52E-04	1.50E-03	1.50E-03	1.09E-02	1.71E-03	4.78E-03	1.54E-02	ND	ND
	Rabbitbrush	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	6.78E-03	1.42E-03	5.00E-04	9.98E-04	9.98E-04	7.26E-03	1.14E-03	3.18E-03	1.03E-02	ND	ND
	Rabbitbrush	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.07E-01	2.24E-02	7.93E-03	1.58E-02	1.58E-02	1.15E-01	1.80E-02	5.04E-02	1.63E-01	ND	ND
	Rabbitbrush	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	3.29E-04	6.88E-05	2.43E-05	4.84E-05	4.84E-05	3.52E-04	5.52E-05	1.55E-04	4.98E-04	ND	ND
	Rabbitbrush	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.36E-03	2.83E-04	1.00E-04	1.99E-04	1.99E-04	1.45E-03	2.27E-04	6.37E-04	2.05E-03	ND	ND
	Rabbitbrush	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	8.82E-02	1.84E-02	6.51E-03	1.30E-02	1.30E-02	9.44E-02	1.48E-02	4.14E-02	1.34E-01	ND	ND
	Rabbitbrush	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	5.20E-04	1.09E-04	3.84E-05	7.65E-05	7.65E-05	5.57E-04	8.72E-05	2.44E-04	7.88E-04	ND	ND
	Rabbitbrush	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	4.16E-01	8.70E-02	3.07E-02	6.17E-02	6.17E-02	4.47E-01	7.01E-02	1.96E-01	6.33E-01	ND	ND
	Rabbitbrush	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	2.66E-02	5.56E-03	1.96E-03	3.94E-03	3.94E-03	2.85E-02	4.48E-03	1.25E-02	4.04E-02	ND	ND
	Rabbitbrush	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	7.75E-04	1.62E-04	5.72E-05	1.14E-04	1.14E-04	8.30E-04	1.30E-04	3.64E-04	1.17E-03	ND	ND
	Rabbitbrush	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	6.97E-04	1.46E-04	5.14E-05	1.03E-04	1.03E-04	7.46E-04	1.17E-04	3.27E-04	1.06E-03	ND	ND
	Rabbitbrush	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	4.30E+01	4.04E+00	1.13E+01	2.28E+01	5.50E+00	ND
	Rabbitbrush	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.40E+00	1.31E-01	3.68E-01	6.97E-01	ND	ND
	Rabbitbrush	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	2.97E-02	6.21E-03	2.19E-03	4.37E-03	4.37E-03	3.18E-02	4.99E-03	1.40E-02	4.50E-02	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Rabbitbrush	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	2.68E-01	5.60E-02	1.98E-02	3.97E-02	3.97E-02	2.88E-01	4.51E-02	1.26E-01	4.07E-01	ND	ND
	Rabbitbrush	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	3.75E-01	7.84E-02	2.77E-02	5.52E-02	5.52E-02	4.02E-01	6.29E-02	1.76E-01	5.68E-01	ND	ND
	Rabbitbrush	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.40E-02	5.02E-03	1.77E-03	3.53E-03	3.53E-03	3.42E-02	4.03E-03	1.13E-02	3.64E-02	ND	ND
	Rabbitbrush	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	4.27E+00	8.93E-01	3.15E-01	3.15E-01	1.26E-01	1.08E-02	1.27E-03	3.55E-03	1.14E-02	ND	3.08E-04
	Rabbitbrush	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.67E+00	3.48E-01	1.23E-01	1.23E-01	4.92E-02	4.19E-03	4.94E-04	1.38E-03	4.46E-03	ND	1.20E-04
	Rabbitbrush	AG	Silver	4.52E-02	9.43E-03	3.33E-03	6.64E-03	6.64E-03	2.22E-03	1.67E-04	5.84E-04	1.88E-03	4.05E-02	ND
	Rabbitbrush	AL	Aluminum	ND	ND	ND	ND	ND	2.38E+00	2.80E-01	6.27E-01	2.52E+00	1.46E-01	3.81E-02
	Rabbitbrush	AS	Arsenic	1.19E-01	2.50E-02	8.81E-03	1.76E-02	1.76E-02	7.06E-02	1.11E-02	3.11E-02	1.00E-01	2.41E-02	4.02E-03
	Rabbitbrush	BA	Barium	3.34E-01	6.98E-02	2.47E-02	4.93E-02	4.93E-02	4.39E-01	6.90E-02	1.93E-01	6.20E-01	9.34E-03	ND
	Rabbitbrush	BE	Beryllium	2.15E-04	4.48E-05	1.58E-05	3.17E-05	3.17E-05	7.88E-05	1.24E-05	3.46E-05	1.12E-04	3.00E-04	ND
	Rabbitbrush	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	6.03E-05	9.40E-06	2.63E-05	8.62E-05	7.20E-06	1.04E-06
	Rabbitbrush	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.36E-04	2.12E-05	5.92E-05	1.94E-04	1.62E-05	2.34E-06
	Rabbitbrush	CD	Cadmium	3.25E+00	6.79E-01	2.40E-01	4.45E-01	4.45E-01	1.36E-01	2.13E-02	5.96E-02	1.92E-01	1.01E-01	1.52E-02
	Rabbitbrush	CHRY	Chrysene	ND	ND	ND	ND	ND	1.68E-04	2.62E-05	7.35E-05	2.41E-04	2.01E-05	2.90E-06
	Rabbitbrush	CO	Cobalt	3.97E-04	8.29E-05	2.93E-05	5.85E-05	5.85E-05	2.23E-01	3.36E-02	9.41E-02	3.79E-01	2.40E-03	ND
	Rabbitbrush	CR	Chromium	1.48E+00	3.10E-01	1.09E-01	2.19E-01	2.19E-01	2.58E-02	2.43E-03	6.80E-03	1.75E-02	3.70E-03	6.94E-01
	Rabbitbrush	CU	Copper	6.04E-01	1.26E-01	4.46E-02	8.92E-02	8.92E-02	1.14E+00	1.07E-01	3.01E-01	7.76E-01	4.82E-02	5.75E-02
	Rabbitbrush	FE	Iron	1.84E+00	3.85E-01	1.36E-01	2.72E-01	2.72E-01	5.90E+00	9.26E-01	2.59E+00	8.34E+00	ND	1.03E-01
	Rabbitbrush	FANT	Fluoranthene	ND	ND	ND	ND	ND	7.46E-04	1.16E-04	3.26E-04	1.07E-03	8.91E-05	1.29E-05
	Rabbitbrush	HG	Mercury	3.73E-02	7.79E-03	2.75E-03	5.50E-03	5.50E-03	1.51E-02	1.81E-03	5.06E-03	1.63E-02	4.48E-02	1.34E-02
	Rabbitbrush	MN	Manganese	5.70E-01	1.19E-01	4.21E-02	8.41E-02	8.41E-02	5.64E-01	8.84E-02	2.48E-01	7.98E-01	6.74E-02	ND
	Rabbitbrush	NI	Nickel	1.61E-01	3.37E-02	1.19E-02	2.38E-02	2.38E-02	2.39E-02	3.75E-03	1.05E-02	3.38E-02	2.71E-03	3.38E-03
	Rabbitbrush	OCDD	Octachlorodibenzodioxin - nonspecific	4.29E-03	8.96E-04	3.16E-04	6.31E-04	6.31E-04	4.59E-03	7.19E-04	2.01E-03	6.49E-03	ND	ND
	Rabbitbrush	OCDF	Octachlorodibenzofuran - nonspecific	1.18E-03	2.46E-04	8.68E-05	1.73E-04	1.73E-04	1.26E-03	1.97E-04	5.52E-04	1.78E-03	ND	ND
	Rabbitbrush	PB	Lead	7.81E-01	3.26E-02	5.76E-02	9.23E-02	9.23E-02	4.56E-01	7.14E-02	2.00E-01	6.44E-01	3.30E-03	2.69E-03
	Rabbitbrush	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	2.61E-03	4.07E-04	1.14E-03	3.73E-03	3.12E-04	4.51E-05
	Rabbitbrush	PYR	Pyrene	ND	ND	ND	ND	ND	2.61E-04	4.07E-05	1.14E-04	3.73E-04	3.12E-05	4.51E-06
	Rabbitbrush	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	3.72E+01	6.13E+00	1.72E+01	5.53E+01	ND	ND
	Rabbitbrush	SB	Antimony	ND	ND	ND	ND	ND	4.93E-01	7.73E-02	2.16E-01	6.98E-01	5.30E-02	ND
	Rabbitbrush	SE	Selenium	2.38E+00	4.97E-01	1.75E-01	3.26E-01	3.26E-01	1.66E+00	1.95E-01	5.46E-01	1.76E+00	2.23E-01	3.18E-03
	Rabbitbrush	THPCDD	Total heptachlorodibenzo-p-dioxins	1.58E-02	3.29E-03	1.16E-03	2.32E-03	2.32E-03	1.69E+00	2.64E-01	7.40E-01	2.39E+00	ND	ND
	Rabbitbrush	THPCDF	Total heptachlorodibenzofurans	7.66E-03	1.60E-03	5.65E-04	1.13E-03	1.13E-03	8.20E-01	1.29E-01	3.60E-01	1.16E+00	ND	ND
	Rabbitbrush	THCDD	Total hexachlorodibenzo-p-dioxins	8.95E-02	1.87E-02	6.60E-03	1.32E-02	1.32E-02	9.58E-01	1.50E-01	4.20E-01	1.35E+00	ND	ND
	Rabbitbrush	THCDF	Total hexachlorodibenzofurans	1.19E-01	2.50E-02	8.82E-03	1.76E-02	1.76E-02	1.28E+00	2.00E-01	5.61E-01	1.81E+00	ND	ND
	Rabbitbrush	TPCDD	Total pentachlorodibenzo-p-dioxins	1.81E-01	3.78E-02	1.34E-02	2.68E-02	2.68E-02	3.89E-01	6.10E-02	1.71E-01	5.50E-01	ND	ND
	Rabbitbrush	TPCDF	Total pentachlorodibenzofurans	1.38E-01	2.88E-02	1.02E-02	2.04E-02	2.04E-02	2.96E-01	4.63E-02	1.30E-01	4.18E-01	ND	ND
	Rabbitbrush	TTCDD	Total tetrachlorodibenzo-p-dioxins	2.12E-01	4.43E-02	1.56E-02	3.12E-02	3.12E-02	2.27E-01	3.55E-02	9.95E-02	3.21E-01	ND	ND
	Rabbitbrush	TTCDF	Total tetrachlorodibenzofurans	5.29E-02	1.11E-02	3.91E-03	7.79E-03	7.79E-03	5.67E-02	8.88E-03	2.49E-02	8.02E-02	ND	ND
	Rabbitbrush	V	Vanadium	ND	ND	ND	ND	ND	8.84E-02	6.58E-03	2.33E-02	7.37E-02	6.30E-02	ND
	Rabbitbrush	ZN	Zinc	3.13E+00	6.55E-01	2.31E-01	4.62E-01	4.62E-01	6.67E-01	5.02E-02	1.76E-01	5.66E-01	2.44E-01	6.09E-02
	Sweetclover	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	9.75E-03	2.04E-03	7.19E-04	1.43E-03	1.43E-03	1.04E-02	1.63E-03	4.58E-03	1.48E-02	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Sweetclover	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.12E-02	4.43E-03	1.57E-03	3.12E-03	3.12E-03	2.27E-02	3.56E-03	9.96E-03	3.21E-02	ND	ND
	Sweetclover	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	3.05E-02	6.37E-03	2.25E-03	4.49E-03	4.49E-03	3.27E-02	5.12E-03	1.43E-02	4.62E-02	ND	ND
	Sweetclover	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	3.66E-04	7.66E-05	2.70E-05	5.39E-05	5.39E-05	3.92E-04	6.14E-05	1.72E-04	5.55E-04	ND	ND
	Sweetclover	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.53E-04	9.47E-05	3.35E-05	6.67E-05	6.67E-05	4.85E-04	7.60E-05	2.13E-04	6.87E-04	ND	ND
	Sweetclover	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3.00E-02	6.26E-03	2.21E-03	4.41E-03	4.41E-03	3.21E-02	5.03E-03	1.41E-02	4.54E-02	ND	ND
	Sweetclover	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.98E-04	4.13E-05	1.46E-05	2.91E-05	2.91E-05	2.12E-04	3.31E-05	9.28E-05	2.99E-04	ND	ND
	Sweetclover	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.83E-01	3.82E-02	1.35E-02	2.71E-02	2.71E-02	1.96E-01	3.08E-02	8.61E-02	2.78E-01	ND	ND
	Sweetclover	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.25E-02	2.61E-03	9.22E-04	1.85E-03	1.85E-03	1.34E-02	2.10E-03	5.89E-03	1.90E-02	ND	ND
	Sweetclover	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.95E-04	6.16E-05	2.17E-05	4.34E-05	4.34E-05	3.15E-04	4.94E-05	1.38E-04	4.46E-04	ND	ND
	Sweetclover	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	2.18E-04	4.56E-05	1.61E-05	3.21E-05	3.21E-05	2.34E-04	3.66E-05	1.02E-04	3.30E-04	ND	ND
	Sweetclover	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	5.18E-01	4.87E-02	1.36E-01	2.75E-01	6.63E-02	ND
	Sweetclover	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	5.78E+00	5.44E-01	1.52E+00	2.89E+00	ND	ND
	Sweetclover	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	3.63E-02	7.58E-03	2.68E-03	5.34E-03	5.34E-03	3.88E-02	6.08E-03	1.70E-02	5.49E-02	ND	ND
	Sweetclover	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	7.99E-02	1.67E-02	5.90E-03	1.18E-02	1.18E-02	8.58E-02	1.35E-02	3.77E-02	1.21E-01	ND	ND
	Sweetclover	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2.64E-01	5.52E-02	1.95E-02	3.88E-02	3.88E-02	2.83E-01	4.43E-02	1.24E-01	4.00E-01	ND	ND
	Sweetclover	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.59E-02	5.40E-03	1.91E-03	3.80E-03	3.80E-03	3.69E-02	4.34E-03	1.21E-02	3.92E-02	ND	ND
	Sweetclover	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.37E-02	1.96E-02	6.91E-03	6.91E-03	2.77E-03	2.36E-04	2.78E-05	7.78E-05	2.51E-04	ND	6.75E-06
	Sweetclover	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2.08E-01	4.35E-02	1.54E-02	1.54E-02	6.14E-03	5.24E-04	6.18E-05	1.73E-04	5.58E-04	ND	1.50E-05
	Sweetclover	AG	Silver	2.00E-02	4.19E-03	1.48E-03	2.95E-03	2.95E-03	9.83E-04	7.40E-05	2.59E-04	8.35E-04	1.80E-02	ND
	Sweetclover	AL	Aluminum	ND	ND	ND	ND	ND	9.14E-01	1.08E-01	2.41E-01	9.70E-01	5.61E-02	1.46E-02
	Sweetclover	AS	Arsenic	1.39E-01	2.90E-02	1.03E-02	2.05E-02	2.05E-02	8.21E-02	1.29E-02	3.62E-02	1.17E-01	2.80E-02	4.67E-03
	Sweetclover	BA	Barium	1.10E+00	2.31E-01	8.15E-02	1.63E-01	1.63E-01	1.45E+00	2.28E-01	6.38E-01	2.05E+00	3.09E-02	ND
	Sweetclover	BE	Beryllium	1.43E-04	2.99E-05	1.06E-05	2.11E-05	2.11E-05	5.25E-05	8.24E-06	2.31E-05	7.44E-05	2.00E-04	ND
	Sweetclover	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	8.38E-05	1.31E-05	3.66E-05	1.20E-04	1.00E-05	1.45E-06
	Sweetclover	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	7.54E-05	1.18E-05	3.29E-05	1.08E-04	9.00E-06	1.30E-06
	Sweetclover	CD	Cadmium	8.76E-01	1.83E-01	6.46E-02	1.20E-01	1.20E-01	3.68E-02	5.74E-03	1.61E-02	5.18E-02	2.73E-02	4.10E-03
	Sweetclover	CHRY	Chrysene	ND	ND	ND	ND	ND	1.24E-04	1.94E-05	5.42E-05	1.78E-04	1.48E-05	2.14E-06
	Sweetclover	CO	Cobalt	7.92E-04	1.65E-04	5.84E-05	1.17E-04	1.17E-04	4.46E-01	6.71E-02	1.88E-01	7.57E-01	4.79E-03	ND
	Sweetclover	CR	Chromium	1.35E+00	2.81E-01	9.93E-02	1.99E-01	1.99E-01	2.35E-02	2.21E-03	6.18E-03	1.59E-02	3.36E-03	6.30E-01
	Sweetclover	CU	Copper	7.40E-01	1.55E-01	5.46E-02	1.09E-01	1.09E-01	1.40E+00	1.32E-01	3.68E-01	9.51E-01	5.90E-02	7.04E-02
	Sweetclover	FE	Iron	8.42E-01	1.76E-01	6.21E-02	1.24E-01	1.24E-01	2.70E+00	4.24E-01	1.19E+00	3.82E+00	ND	4.73E-02
	Sweetclover	FANT	Fluoranthene	ND	ND	ND	ND	ND	2.91E-04	4.54E-05	1.27E-04	4.16E-04	3.48E-05	5.02E-06
	Sweetclover	HG	Mercury	3.36E-02	7.01E-03	2.48E-03	4.95E-03	4.95E-03	1.36E-02	1.63E-03	4.56E-03	1.47E-02	4.03E-02	1.21E-02
	Sweetclover	MN	Manganese	1.90E-01	3.96E-02	1.40E-02	2.80E-02	2.80E-02	1.88E-01	2.94E-02	8.24E-02	2.65E-01	2.24E-02	ND
	Sweetclover	NI	Nickel	1.51E-01	3.16E-02	1.12E-02	2.23E-02	2.23E-02	2.24E-02	3.51E-03	9.83E-03	3.17E-02	2.54E-03	3.17E-03
	Sweetclover	OCDD	Octachlorodibenzodioxin - nonspecific	8.00E-03	1.67E-03	5.90E-04	1.18E-03	1.18E-03	8.56E-03	1.34E-03	3.75E-03	1.21E-02	ND	ND
	Sweetclover	OCDF	Octachlorodibenzofuran - nonspecific	4.19E-03	8.75E-04	3.09E-04	6.16E-04	6.16E-04	4.48E-03	7.02E-04	1.97E-03	6.34E-03	ND	ND
	Sweetclover	PB	Lead	2.40E-01	1.00E-02	1.77E-02	2.84E-02	2.84E-02	1.40E-01	2.20E-02	6.15E-02	1.98E-01	1.02E-03	8.28E-04
	Sweetclover	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.05E-03	1.63E-04	4.57E-04	1.50E-03	1.25E-04	1.80E-05
	Sweetclover	PYR	Pyrene	ND	ND	ND	ND	ND	1.32E-04	2.06E-05	5.77E-05	1.89E-04	1.58E-05	2.28E-06
	Sweetclover	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	2.61E+00	4.30E-01	1.21E+00	3.89E+00	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Sweetclover	SB	Antimony	ND	ND	ND	ND	ND	9.30E-01	1.46E-01	4.08E-01	1.32E+00	1.00E-01	ND
	Sweetclover	SE	Selenium	3.26E+00	6.80E-01	2.40E-01	4.46E-01	4.46E-01	2.27E+00	2.67E-01	7.47E-01	2.41E+00	3.05E-01	4.36E-03
	Sweetclover	THPCDD	Total heptachlorodibenzo-p-dioxins	1.69E-02	3.52E-03	1.24E-03	2.48E-03	2.48E-03	1.81E+00	2.83E-01	7.92E-01	2.55E+00	ND	ND
	Sweetclover	THPCDF	Total heptachlorodibenzofurans	2.28E-02	4.76E-03	1.68E-03	3.35E-03	3.35E-03	2.44E+00	3.82E-01	1.07E+00	3.45E+00	ND	ND
	Sweetclover	THCDD	Total hexachlorodibenzo-p-dioxins	5.63E-02	1.18E-02	4.16E-03	8.29E-03	8.29E-03	6.03E-01	9.45E-02	2.64E-01	8.53E-01	ND	ND
	Sweetclover	THCDF	Total hexachlorodibenzofurans	1.01E-01	2.11E-02	7.44E-03	1.48E-02	1.48E-02	1.08E+00	1.69E-01	4.73E-01	1.53E+00	ND	ND
	Sweetclover	TPCDD	Total pentachlorodibenzo-p-dioxins	1.83E-01	3.82E-02	1.35E-02	2.71E-02	2.71E-02	3.93E-01	6.15E-02	1.72E-01	5.55E-01	ND	ND
	Sweetclover	TPCDF	Total pentachlorodibenzofurans	1.12E-01	2.34E-02	8.27E-03	1.66E-02	1.66E-02	2.41E-01	3.77E-02	1.06E-01	3.41E-01	ND	ND
	Sweetclover	TTCDD	Total tetrachlorodibenzo-p-dioxins	1.46E-01	3.06E-02	1.08E-02	2.15E-02	2.15E-02	1.57E-01	2.45E-02	6.87E-02	2.22E-01	ND	ND
	Sweetclover	TTCDF	Total tetrachlorodibenzofurans	3.90E-02	8.14E-03	2.87E-03	5.73E-03	5.73E-03	4.17E-02	6.53E-03	1.83E-02	5.90E-02	ND	ND
	Sweetclover	V	Vanadium	ND	ND	ND	ND	ND	4.34E-02	3.23E-03	1.14E-02	3.62E-02	3.10E-02	ND
	Sweetclover	ZN	Zinc	1.65E+00	3.45E-01	1.22E-01	2.44E-01	2.44E-01	3.51E-01	2.64E-02	9.26E-02	2.98E-01	1.28E-01	3.21E-02
ESA-1 [b]	*Beetle*	*246TNT*	*2,4,6-Trinitrotoluene*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*1.35E-03*	*1.47E-02*	*6.24E-04*	*8.95E-03*	*ND*
	Beetle	*24D*	*2,4-D / 2,4-Dichlorophenoxyacetic acid*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*3.05E-03*	*3.32E-02*	*1.33E-03*	*ND*	*ND*
	Beetle	*BAANTR*	*Benzo[a]anthracene*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*6.43E-06*	*6.99E-05*	*4.82E-06*	*2.40E-05*	*3.47E-06*
	Beetle	*BKFANT*	*Benzo[k]fluoranthene*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.84E-04*	*5.89E-06*	*6.40E-05*	*4.42E-06*	*2.20E-05*	*3.18E-06*
	Beetle	*CHRY*	*Chrysene*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.18E-04*	*6.96E-06*	*7.57E-05*	*5.23E-06*	*2.60E-05*	*3.76E-06*
	Beetle	*FANT*	*Fluoranthene*	*ND*	*ND*	*ND*	*ND*	*ND*	*4.86E-04*	*1.55E-05*	*1.69E-04*	*1.17E-05*	*5.80E-05*	*8.38E-06*
	Beetle	*PHANTR*	*Phenanthrene*	*ND*	*ND*	*ND*	*ND*	*ND*	*5.70E-04*	*1.82E-05*	*1.98E-04*	*1.37E-05*	*6.80E-05*	*9.83E-06*
	Beetle	*PYR*	*Pyrene*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*6.43E-06*	*6.99E-05*	*4.82E-06*	*2.40E-05*	*3.47E-06*
	Beetle	*RDX*	*RDX / Cyclonite*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*1.15E-03*	*1.25E-02*	*8.49E-04*	*ND*	*ND*
	Grasshopper	*246TNT*	*2,4,6-Trinitrotoluene*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*1.35E-03*	*1.47E-02*	*6.24E-04*	*8.95E-03*	*ND*
	Grasshopper	*24D*	*2,4-D / 2,4-Dichlorophenoxyacetic acid*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*3.05E-03*	*3.32E-02*	*1.33E-03*	*ND*	*ND*
	Grasshopper	*BAANTR*	*Benzo[a]anthracene*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*6.43E-06*	*6.99E-05*	*4.82E-06*	*2.40E-05*	*3.47E-06*
	Grasshopper	*BKFANT*	*Benzo[k]fluoranthene*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.84E-04*	*5.89E-06*	*6.40E-05*	*4.42E-06*	*2.20E-05*	*3.18E-06*
	Grasshopper	*CHRY*	*Chrysene*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.18E-04*	*6.96E-06*	*7.57E-05*	*5.23E-06*	*2.60E-05*	*3.76E-06*
	Grasshopper	*FANT*	*Fluoranthene*	*ND*	*ND*	*ND*	*ND*	*ND*	*4.86E-04*	*1.55E-05*	*1.69E-04*	*1.17E-05*	*5.80E-05*	*8.38E-06*
	Grasshopper	*PHANTR*	*Phenanthrene*	*ND*	*ND*	*ND*	*ND*	*ND*	*5.70E-04*	*1.82E-05*	*1.98E-04*	*1.37E-05*	*6.80E-05*	*9.83E-06*
	Grasshopper	*PYR*	*Pyrene*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*6.43E-06*	*6.99E-05*	*4.82E-06*	*2.40E-05*	*3.47E-06*
	Grasshopper	*RDX*	*RDX / Cyclonite*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*1.15E-03*	*1.25E-02*	*8.49E-04*	*ND*	*ND*
	Jackrabbit	*246TNT*	*2,4,6-Trinitrotoluene*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*
	Jackrabbit	*RDX*	*RDX / Cyclonite*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*	*ND*
ESA-2	*Beetle*	*246TNT*	*2,4,6-Trinitrotoluene*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*3.00E-03*	*1.84E-02*	*1.39E-03*	*8.95E-03*	*ND*
	Beetle	*24D*	*2,4-D / 2,4-Dichlorophenoxyacetic acid*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*6.79E-03*	*4.17E-02*	*2.96E-03*	*ND*	*ND*
	Beetle	*BAANTR*	*Benzo[a]anthracene*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*1.43E-05*	*8.78E-05*	*1.07E-05*	*2.40E-05*	*3.47E-06*
	Beetle	*BKFANT*	*Benzo[k]fluoranthene*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.84E-04*	*1.31E-05*	*8.04E-05*	*9.85E-06*	*2.20E-05*	*3.18E-06*
	Beetle	*CHRY*	*Chrysene*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.18E-04*	*1.55E-05*	*9.51E-05*	*1.16E-05*	*2.60E-05*	*3.76E-06*
	Beetle	*FANT*	*Fluoranthene*	*ND*	*ND*	*ND*	*ND*	*ND*	*4.86E-04*	*3.46E-05*	*2.12E-04*	*2.60E-05*	*5.80E-05*	*8.38E-06*
	Beetle	*PHANTR*	*Phenanthrene*	*ND*	*ND*	*ND*	*ND*	*ND*	*5.70E-04*	*4.06E-05*	*2.49E-04*	*3.04E-05*	*6.80E-05*	*9.83E-06*
	Beetle	*PYR*	*Pyrene*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*1.43E-05*	*8.78E-05*	*1.07E-05*	*2.40E-05*	*3.47E-06*
	Beetle	*RDX*	*RDX / Cyclonite*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*2.56E-03*	*1.57E-02*	*1.89E-03*	*ND*	*ND*

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-2 (cont.)	Grasshopper	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	6.99E-02	3.00E-03	1.84E-02	1.39E-03	8.95E-03	ND
	Grasshopper	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.58E-01	6.79E-03	4.17E-02	2.96E-03	ND	ND
	Grasshopper	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	2.01E-04	1.43E-05	8.78E-05	1.07E-05	2.40E-05	3.47E-06
	Grasshopper	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.84E-04	1.31E-05	8.04E-05	9.85E-06	2.20E-05	3.18E-06
	Grasshopper	CHRY	Chrysene	ND	ND	ND	ND	ND	2.18E-04	1.55E-05	9.51E-05	1.16E-05	2.60E-05	3.76E-06
	Grasshopper	FANT	Fluoranthene	ND	ND	ND	ND	ND	4.86E-04	3.46E-05	2.12E-04	2.60E-05	5.80E-05	8.38E-06
	Grasshopper	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	5.70E-04	4.06E-05	2.49E-04	3.04E-05	6.80E-05	9.83E-06
	Grasshopper	PYR	Pyrene	ND	ND	ND	ND	ND	2.01E-04	1.43E-05	8.78E-05	1.07E-05	2.40E-05	3.47E-06
	Grasshopper	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	3.40E-02	2.56E-03	1.57E-02	1.89E-03	ND	ND
	Jackrabbit	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	6.07E+00	4.88E-01	1.29E-02	2.57E-02	2.57E-02	6.50E+00	4.65E-01	2.85E+00	3.44E-01	ND	ND
	Jackrabbit	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	3.03E+01	2.43E+00	6.43E-02	1.29E-01	1.29E-01	3.25E+01	2.33E+00	1.43E+01	1.72E+00	ND	ND
	Jackrabbit	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Jackrabbit	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.12E+00	4.79E-02	2.94E-01	2.09E-02	ND	ND
	Jackrabbit	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4.44E-02	3.57E-03	9.44E-05	1.88E-04	1.88E-04	4.75E-02	3.40E-03	2.08E-02	2.51E-03	ND	ND
	Jackrabbit	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	6.07E-01	4.88E-02	1.29E-03	2.57E-03	2.57E-03	6.50E-01	4.65E-02	2.85E-01	3.44E-02	ND	ND
	Jackrabbit	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	6.07E+00	4.88E-01	1.29E-02	2.57E-02	2.57E-02	6.50E+00	4.65E-01	2.85E+00	3.44E-01	ND	ND
	Jackrabbit	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	6.07E-02	4.88E-03	1.29E-04	2.57E-04	2.57E-04	6.50E-02	4.65E-03	2.85E-02	3.44E-03	ND	ND
	Jackrabbit	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	6.07E-02	4.88E-03	1.29E-04	2.57E-04	2.57E-04	6.50E-02	4.65E-03	2.85E-02	3.44E-03	ND	ND
	Jackrabbit	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	6.07E-02	4.88E-03	1.29E-04	2.57E-04	2.57E-04	6.50E-02	4.65E-03	2.85E-02	3.44E-03	ND	ND
	Jackrabbit	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	6.07E-02	4.88E-03	1.29E-04	2.57E-04	2.57E-04	6.50E-02	4.65E-03	2.85E-02	3.44E-03	ND	ND
	Jackrabbit	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	6.07E+00	4.88E-01	1.29E-02	2.57E-02	2.57E-02	6.50E+00	4.65E-01	2.85E+00	3.44E-01	ND	ND
	Jackrabbit	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	6.07E-02	4.88E-03	1.29E-04	2.57E-04	2.57E-04	6.50E-02	4.65E-03	2.85E-02	3.44E-03	ND	ND
	Jackrabbit	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	3.03E+01	2.43E+00	6.43E-02	1.29E-01	1.29E-01	3.25E+01	2.33E+00	1.43E+01	1.72E+00	ND	ND
	Jackrabbit	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	3.03E+00	2.43E-01	6.43E-03	1.29E-02	1.29E-02	3.25E+00	2.33E-01	1.43E+00	1.72E-01	ND	ND
	Jackrabbit	AG	Silver	1.03E-01	8.31E-03	2.20E-04	4.38E-04	4.38E-04	5.07E-03	1.74E-04	1.34E-03	1.61E-04	9.28E-02	ND
	Jackrabbit	AL	Aluminum	ND	ND	ND	ND	ND	9.66E-02	5.19E-03	2.55E-02	3.84E-03	5.93E-03	1.55E-03
	Jackrabbit	AS	Arsenic	6.64E-02	5.34E-03	1.41E-04	2.82E-04	2.82E-04	3.93E-02	2.82E-03	1.73E-02	2.08E-03	1.34E-02	2.23E-03
	Jackrabbit	BA	Barium	1.20E+00	9.62E-02	2.54E-03	5.09E-03	5.09E-03	1.57E+00	1.13E-01	6.92E-01	8.31E-02	3.35E-02	ND
	Jackrabbit	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.02E-03	7.23E-05	4.44E-04	5.43E-05	1.21E-04	1.75E-05
	Jackrabbit	BE	Beryllium	9.30E-05	7.47E-06	1.98E-07	3.95E-07	3.95E-07	3.41E-05	2.44E-06	1.50E-05	1.81E-06	1.30E-04	ND
	Jackrabbit	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.02E-03	7.23E-05	4.44E-04	5.43E-05	1.21E-04	1.75E-05
	Jackrabbit	CD	Cadmium	4.78E+00	3.84E-01	1.02E-02	1.89E-02	1.89E-02	2.01E-01	1.43E-02	8.77E-02	1.06E-02	1.49E-01	2.24E-02
	Jackrabbit	CHRY	Chrysene	ND	ND	ND	ND	ND	1.02E-03	7.23E-05	4.44E-04	5.43E-05	1.21E-04	1.75E-05
	Jackrabbit	CO	Cobalt	2.16E-05	1.73E-06	4.58E-08	9.17E-08	9.17E-08	1.21E-02	8.34E-04	5.12E-03	7.71E-04	1.31E-04	ND
	Jackrabbit	CR	Chromium	2.66E-01	2.14E-02	5.65E-04	1.13E-03	1.13E-03	4.63E-03	1.99E-04	1.22E-03	1.18E-04	6.64E-04	1.25E-01
	Jackrabbit	CU	Copper	5.02E+00	4.03E-01	1.07E-02	2.13E-02	2.13E-02	9.47E+00	4.07E-01	2.50E+00	2.41E-01	4.00E-01	4.77E-01
	Jackrabbit	FANT	Fluoranthene	ND	ND	ND	ND	ND	1.02E-03	7.23E-05	4.44E-04	5.43E-05	1.21E-04	1.75E-05
	Jackrabbit	FE	Iron	8.48E-01	6.81E-02	1.80E-03	3.60E-03	3.60E-03	2.72E+00	1.95E-01	1.19E+00	1.44E-01	ND	4.77E-02
	Jackrabbit	HG	Mercury	3.69E-02	2.96E-03	7.83E-05	1.57E-04	1.57E-04	1.50E-02	8.16E-04	5.01E-03	6.04E-04	4.43E-02	1.33E-02
	Jackrabbit	MN	Manganese	4.54E-03	3.64E-04	9.64E-06	1.93E-05	1.93E-05	4.49E-03	3.21E-04	1.97E-03	2.37E-04	5.36E-04	ND
	Jackrabbit	NI	Nickel	1.18E-02	9.50E-04	2.51E-05	5.03E-05	5.03E-05	1.75E-03	1.25E-04	7.69E-04	9.28E-05	1.98E-04	2.48E-04

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-2 (cont.)	*Jackrabbit*	*OCDD*	*Octachlorodibenzodioxin - nonspecific*	*3.44E-02*	*2.76E-03*	*7.30E-05*	*1.46E-04*	*1.46E-04*	*3.68E-02*	*2.63E-03*	*1.61E-02*	*1.95E-03*	*ND*	*ND*
	Jackrabbit	*OCDF*	*Octachlorodibenzofuran - nonspecific*	*6.07E-02*	*4.88E-03*	*1.29E-04*	*2.57E-04*	*2.57E-04*	*6.50E-02*	*4.65E-03*	*2.85E-02*	*3.44E-03*	*ND*	*ND*
	Jackrabbit	*PB*	*Lead*	*6.49E+01*	*1.04E+00*	*1.38E-01*	*2.21E-01*	*2.21E-01*	*3.79E+01*	*2.71E+00*	*1.66E+01*	*2.00E+00*	*2.74E-01*	*2.24E-01*
	Jackrabbit	*PHANTR*	*Phenanthrene*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*7.23E-05*	*4.44E-04*	*5.43E-05*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*PPDDE*	*2,2-Bis(p-chlorophenyl)-1,1-dichloroethene*	*2.85E-01*	*2.29E-02*	*6.06E-04*	*6.06E-04*	*2.42E-04*	*7.18E-04*	*3.86E-05*	*2.37E-04*	*2.86E-05*	*ND*	*2.06E-05*
	Jackrabbit	*PPDDT*	*2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane*	*1.28E+00*	*1.03E-01*	*2.72E-03*	*2.72E-03*	*1.09E-03*	*3.22E-03*	*1.73E-04*	*1.06E-03*	*1.28E-04*	*ND*	*9.21E-05*
	Jackrabbit	*PYR*	*Pyrene*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.02E-03*	*7.23E-05*	*4.44E-04*	*5.43E-05*	*1.21E-04*	*1.75E-05*
	Jackrabbit	*RDX*	*RDX / Cyclonite*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*	*ND*
	Jackrabbit	*SB*	*Antimony*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.48E+00*	*4.64E-01*	*2.85E+00*	*3.43E-01*	*6.97E-01*	*ND*
	Jackrabbit	*SE*	*Selenium*	*4.48E+00*	*3.60E-01*	*9.53E-03*	*1.77E-02*	*1.77E-02*	*3.12E+00*	*1.68E-01*	*1.03E+00*	*1.24E-01*	*4.20E-01*	*6.00E-03*
	Jackrabbit	*TCDD*	*2,3,7,8-Tetrachlorodibenzodioxin*	*2.19E-01*	*1.76E-02*	*4.65E-04*	*9.26E-04*	*9.26E-04*	*2.34E-01*	*1.67E-02*	*1.03E-01*	*1.24E-02*	*ND*	*ND*
	Jackrabbit	*TCDF*	*2,3,7,8-Tetrachlorodibenzofuran*	*9.37E-03*	*7.53E-04*	*1.99E-05*	*3.97E-05*	*3.97E-05*	*1.34E-02*	*7.18E-04*	*4.40E-03*	*5.31E-04*	*ND*	*ND*
	Jackrabbit	*THCDD*	*Total hexachlorodibenzo-p-dioxins*	*6.07E+00*	*4.88E-01*	*1.29E-02*	*2.57E-02*	*2.57E-02*	*6.50E+01*	*4.65E+00*	*2.85E+01*	*3.44E+00*	*ND*	*ND*
	Jackrabbit	*THCDF*	*Total hexachlorodibenzofurans*	*6.07E+00*	*4.88E-01*	*1.29E-02*	*2.57E-02*	*2.57E-02*	*6.50E+01*	*4.65E+00*	*2.85E+01*	*3.44E+00*	*ND*	*ND*
	Jackrabbit	*THPCDD*	*Total heptachlorodibenzo-p-dioxins*	*4.44E-02*	*3.57E-03*	*9.44E-05*	*1.88E-04*	*1.88E-04*	*4.75E+00*	*3.40E-01*	*2.08E+00*	*2.51E-01*	*ND*	*ND*
	Jackrabbit	*THPCDF*	*Total heptachlorodibenzofurans*	*6.07E-01*	*4.88E-02*	*1.29E-03*	*2.57E-03*	*2.57E-03*	*6.50E+01*	*4.65E+00*	*2.85E+01*	*3.44E+00*	*ND*	*ND*
	Jackrabbit	*TPCDD*	*Total pentachlorodibenzo-p-dioxins*	*3.03E+01*	*2.43E+00*	*6.43E-02*	*1.29E-01*	*1.29E-01*	*6.50E+01*	*4.65E+00*	*2.85E+01*	*3.44E+00*	*ND*	*ND*
	Jackrabbit	*TPCDF*	*Total pentachlorodibenzofurans*	*3.03E+01*	*2.43E+00*	*6.43E-02*	*1.29E-01*	*1.29E-01*	*6.50E+01*	*4.65E+00*	*2.85E+01*	*3.44E+00*	*ND*	*ND*
	Jackrabbit	*TTCDD*	*Total tetrachlorodibenzo-p-dioxins*	*2.19E-01*	*1.76E-02*	*4.65E-04*	*9.26E-04*	*9.26E-04*	*2.34E-01*	*1.67E-02*	*1.03E-01*	*1.24E-02*	*ND*	*ND*
	Jackrabbit	*TTCDF*	*Total tetrachlorodibenzofurans*	*9.37E-03*	*7.53E-04*	*1.99E-05*	*3.97E-05*	*3.97E-05*	*1.00E-02*	*7.18E-04*	*4.40E-03*	*5.31E-04*	*ND*	*ND*
	Jackrabbit	*V*	*Vanadium*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.94E-02*	*6.61E-04*	*5.12E-03*	*6.06E-04*	*1.39E-02*	*ND*
	Jackrabbit	*ZN*	*Zinc*	*2.65E+01*	*2.13E+00*	*5.64E-02*	*1.13E-01*	*1.13E-01*	*5.65E+00*	*1.94E-01*	*1.49E+00*	*1.80E-01*	*2.07E+00*	*5.16E-01*
RSA	*Beetle*	*246TNT*	*2,4,6-Trinitrotoluene*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*6.58E-03*	*1.84E-02*	*3.71E-02*	*8.95E-03*	*ND*
	Beetle	*24D*	*2,4-D / 2,4-Dichlorophenoxyacetic acid*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*1.49E-02*	*4.17E-02*	*7.90E-02*	*ND*	*ND*
	Beetle	*BAANTR*	*Benzo[a]anthracene*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*3.13E-05*	*8.78E-05*	*2.87E-04*	*2.40E-05*	*3.47E-06*
	Beetle	*BKFANT*	*Benzo[k]fluoranthene*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.84E-04*	*2.87E-05*	*8.04E-05*	*2.63E-04*	*2.20E-05*	*3.18E-06*
	Beetle	*CHRY*	*Chrysene*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.18E-04*	*3.40E-05*	*9.51E-05*	*3.11E-04*	*2.60E-05*	*3.76E-06*
	Beetle	*FANT*	*Fluoranthene*	*ND*	*ND*	*ND*	*ND*	*ND*	*4.86E-04*	*7.57E-05*	*2.12E-04*	*6.94E-04*	*5.80E-05*	*8.38E-06*
	Beetle	*PHANTR*	*Phenanthrene*	*ND*	*ND*	*ND*	*ND*	*ND*	*5.70E-04*	*8.88E-05*	*2.49E-04*	*8.14E-04*	*6.80E-05*	*9.83E-06*
	Beetle	*PYR*	*Pyrene*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*3.13E-05*	*8.78E-05*	*2.87E-04*	*2.40E-05*	*3.47E-06*
	Beetle	*RDX*	*RDX / Cyclonite*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*5.60E-03*	*1.57E-02*	*5.06E-02*	*ND*	*ND*
	Grasshopper	*246TNT*	*2,4,6-Trinitrotoluene*	*ND*	*ND*	*ND*	*ND*	*ND*	*6.99E-02*	*6.58E-03*	*1.84E-02*	*3.71E-02*	*8.95E-03*	*ND*
	Grasshopper	*24D*	*2,4-D / 2,4-Dichlorophenoxyacetic acid*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.58E-01*	*1.49E-02*	*4.17E-02*	*7.90E-02*	*ND*	*ND*
	Grasshopper	*BAANTR*	*Benzo[a]anthracene*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*3.13E-05*	*8.78E-05*	*2.87E-04*	*2.40E-05*	*3.47E-06*
	Grasshopper	*BKFANT*	*Benzo[k]fluoranthene*	*ND*	*ND*	*ND*	*ND*	*ND*	*1.84E-04*	*2.87E-05*	*8.04E-05*	*2.63E-04*	*2.20E-05*	*3.18E-06*
	Grasshopper	*CHRY*	*Chrysene*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.18E-04*	*3.40E-05*	*9.51E-05*	*3.11E-04*	*2.60E-05*	*3.76E-06*
	Grasshopper	*FANT*	*Fluoranthene*	*ND*	*ND*	*ND*	*ND*	*ND*	*4.86E-04*	*7.57E-05*	*2.12E-04*	*6.94E-04*	*5.80E-05*	*8.38E-06*
	Grasshopper	*PHANTR*	*Phenanthrene*	*ND*	*ND*	*ND*	*ND*	*ND*	*5.70E-04*	*8.88E-05*	*2.49E-04*	*8.14E-04*	*6.80E-05*	*9.83E-06*
	Grasshopper	*PYR*	*Pyrene*	*ND*	*ND*	*ND*	*ND*	*ND*	*2.01E-04*	*3.13E-05*	*8.78E-05*	*2.87E-04*	*2.40E-05*	*3.47E-06*
	Grasshopper	*RDX*	*RDX / Cyclonite*	*ND*	*ND*	*ND*	*ND*	*ND*	*3.40E-02*	*5.60E-03*	*1.57E-02*	*5.06E-02*	*ND*	*ND*
	Jackrabbit	*246TNT*	*2,4,6-Trinitrotoluene*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*
	Jackrabbit	*RDX*	*RDX / Cyclonite*	*ND*	*ND*	*ND*	*ND*	*ND*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*ND*	*ND*

[a] No toxicity data.
[b] Italics indicate that the hazard quotients represent modeled or calculated data, or data based on 1/2 the method detection limit.

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds -TEAD Current Data

Receptor Group	Passerines Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
135TNB	HQ_DIET	ND[0]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	0.056	0.062	0.062	0.057	0.057	0.053	0.054	0.032	0.058	0.054	0.054
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.010	0.023	0.023	0.023
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	0.124	0.109	0.189	0.301	0.290	0.347	0.372	0.144	0.196	0.385	0.348
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.436	0.165	0.265	0.207	0.488	0.620	3.435	0.098	0.194	1.152	1.697
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	0.001	0.001	0.001	0.005	0.004	0.022	0.000	0.028	0.001	0.203
BA	HQ_DIET	0.604	0.884	0.871	0.440	0.735	0.585	0.684	1.112	0.585	4.717	0.489
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	0.000	ND	ND	0.001
	HQ_SOIL	0.600	1.265	0.984	0.368	1.073	0.910	1.717	1.215	0.448	2.986	1.057
BE	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.004	0.005	0.002	0.002	0.002	0.002	0.001	0.002	0.004	0.006
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.005	0.011	0.011	0.718
CD	HQ_DIET	2.596	12.064	5.354	1.763	2.551	1.623	11.443	13.307	3.762	5.173	5.321
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.662	5.587	0.662	0.662	2.363	0.662	6.625	9.201	0.662	7.389	5.320
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	0.003	0.003	0.003	0.003	0.025	0.003	0.001	0.003	0.003	0.179
CO	HQ_DIET	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.003	0.004	0.001	0.001	0.001	0.013	0.001	0.002	0.007	0.005
CR_CRHEX	HQ_DIET	2.040	1.422	1.351	1.333	1.182	0.876	1.140	1.261	1.374	1.561	1.791
	HQ_SURFWATR	ND	ND	ND	ND	0.018	ND	ND	ND	ND	ND	ND
	HQ_SOIL	6.819	8.060	8.281	3.649	13.691	6.459	27.162	4.048	4.742	7.686	35.662

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds -TEAD Current Data (continued)

Receptor Group	Passerines Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
CU	HQ_DIET	0.957	1.283	1.138	1.368	2.441	1.009	10.995	2.352	1.401	1.725	1.692
	HQ_SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.225	0.222	0.160	0.078	1.999	0.160	49.316	2.347	0.119	1.313	1.191
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	1.253	1.245	2.008	1.448	2.869	0.856	4.069	1.319	1.736	2.150	1.521
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.041	0.032	0.032	0.032	0.032	0.032	0.621	0.013	0.032	0.049	1.070
DIOXIN_FURAN	HQ_DIET	10.617	52.579	52.801	61.026	61.564	53.533	54.105	23.851	57.379	52.962	1.024
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	8.202	2.089	2.041	2.370	1.397	1.573	4.194	1.472	4.537	3.565	9.743
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.246	0.308	0.239	0.239	0.239	0.865	0.239	0.100	0.239	0.239	5.003
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	0.001	0.001	0.001	0.001	0.001	0.004	0.000	0.010	0.001	0.008
FE	HQ_DIET	2.203	1.789	1.807	1.618	1.216	0.886	1.138	1.018	1.451	1.425	1.682
	HQ_SURFWATR	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	19.604	23.187	27.051	12.017	88.146	11.281	67.720	7.821	15.035	11.983	31.857
HG	HQ_DIET	0.033	0.032	0.030	0.035	0.037	0.027	0.077	0.025	0.030	0.040	0.038
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.010	0.007	0.007	0.016	0.023	0.007	0.244	0.007	0.007	0.027	0.044
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	0.004	0.004	0.004	0.004	0.004	0.019	0.002	0.004	0.004	0.042
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.001	0.012
MN	HQ_DIET	0.227	0.261	0.297	0.159	0.109	0.100	0.095	0.079	0.117	0.146	0.174
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.422	0.508	0.483	0.200	0.576	0.275	0.534	0.154	0.243	0.317	0.648
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds -TEAD Current Data (continued)

Receptor Group	Passerines Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
NI	HQ_DIET	0.166	0.091	0.149	0.066	0.069	0.114	0.098	0.067	0.176	0.160	0.143
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.248	0.208	0.252	0.129	0.880	0.115	0.293	0.140	0.158	0.488	0.369
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	3.565	2.217	1.320	0.639	118.245	5.899	10.690	23.128	1.835	39.392	20.903
	HQ_SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	1.303	1.416	0.856	0.184	74.243	3.509	11.087	17.241	0.401	29.104	19.725
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.146	0.351	0.351	3.517
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	0.001
	HQ_SOIL	0.229	0.142	0.142	0.142	0.142	0.142	0.142	0.059	0.142	0.142	6.659
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	3.350	2.643	2.655	2.829	2.826	2.890	3.947	2.105	3.467	3.510	2.711
	HQ_SURFWATR	ND	ND	ND	ND	0.013	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.248	0.248	0.248	0.248	0.248	0.248	0.809	0.103	0.248	0.534	0.248
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	49.233	49.233	49.233	49.233	49.233	49.233	49.233	20.514	49.233	49.233	49.233
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds -TEAD Current Data (continued)

Receptor Group	Passerines Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
ZN	HQ_DIET	7.303	9.152	6.476	7.721	53.765	9.713	28.155	8.303	6.773	6.932	8.620
	HQ_SURFWATR	ND	ND	ND	ND	0.021	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.277	2.655	1.223	0.625	22.408	1.401	15.789	5.449	1.092	2.308	9.647

[a]No toxicity data or pathway data is missing.

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel -TEAD Current Data

Receptor Group	American Kestrel Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
135TNB	HQ_DIET	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	0.02	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.01	0.01
	HQ_SURFWATR	ND	ND	ND	ND	0.00	ND	ND	ND	ND	ND	0.00
	HQ_SOIL	0.02	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.01	0.00
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BA	HQ_DIET	0.09	0.01	0.02	0.00	0.00	0.01	0.04	0.00	0.00	0.05	0.01
	HQ_SURFWATR	ND	ND	ND	ND	0.00	ND	ND	0.00	ND	ND	0.00
	HQ_SOIL	0.03	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.00
BE	HQ_DIET	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CD	HQ_DIET	0.46	0.06	0.07	0.01	0.01	0.09	0.20	0.00	0.00	0.19	0.08
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.04	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.06	0.01
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	HQ_DIET	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CR_CRHEX	HQ_DIET	0.46	0.02	0.02	0.00	0.00	0.04	0.05	0.00	0.00	0.04	0.04
	HQ_SURFWATR	ND	ND	ND	ND	0.02	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.39	0.00	0.04	0.00	0.01	0.02	0.32	0.00	0.00	0.07	0.04

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel -TEAD Current Data (continued)

Receptor Group	American Kestrel Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
CU	HQ_DIET	0.21	0.02	0.02	0.01	0.01	0.06	0.72	0.00	0.00	0.07	0.05
	HQ_SURFWATR	ND	ND	ND	ND	0.00	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.01	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.01	0.00
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	0.07	0.00	0.01	0.00	0.00	0.01	0.18	0.00	0.00	0.05	0.04
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
DIOXIN_FURAN	HQ_DIET	3.11	0.04	1.38	0.19	0.26	1.14	3.57	0.01	0.05	2.50	0.02
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.46	0.00	0.01	0.00	0.00	0.01	0.05	0.00	0.00	0.03	0.01
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FE	HQ_DIET	0.49	0.02	0.03	0.00	0.00	0.04	0.05	0.00	0.00	0.04	0.03
	HQ_SURFWATR	ND	ND	ND	ND	0.01	ND	ND	ND	ND	ND	0.00
	HQ_SOIL	1.11	0.00	0.13	0.01	0.06	0.04	0.81	0.00	0.00	0.10	0.04
HG	HQ_DIET	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HQ_SURFWATR	ND	ND	ND	ND	0.00	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MN	HQ_DIET	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HQ_SURFWATR	ND	ND	ND	ND	0.00	ND	ND	ND	ND	ND	0.00
	HQ_SOIL	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel -TEAD Current Data (continued)

Receptor Group	American Kestrel Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
NI	HQ_DIET	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HQ_SURFWATR	ND	ND	ND	ND	0.00	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	0.21	0.00	0.01	0.00	0.09	0.02	0.14	0.00	0.00	0.33	0.03
	HQ_SURFWATR	ND	ND	ND	ND	0.00	ND	ND	ND	ND	ND	0.00
	HQ_SOIL	0.01	0.00	0.00	0.00	0.01	0.00	0.03	0.00	0.00	0.05	0.00
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.00	ND	ND	ND	ND	ND	0.00
	HQ_SOIL	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	0.70	0.01	0.05	0.01	0.01	0.08	0.21	0.00	0.00	0.13	0.04
	HQ_SURFWATR	ND	ND	ND	ND	0.01	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.79	0.01	0.23	0.02	0.04	0.18	0.59	0.00	0.01	0.42	0.06
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel -TEAD Current Data (continued)

Receptor Group	American Kestrel Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
ZN	HQ_DIET	1.93	0.11	0.12	0.03	0.22	0.48	1.47	0.01	0.01	0.29	0.28
	HQ_SURFWATR	ND	ND	ND	ND	0.02	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.07	0.00	0.01	0.00	0.02	0.01	0.19	0.00	0.00	0.02	0.01

[a]No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl - TEAD Current Data

Receptor Group	Great Horned Owl Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
135TNB	HQ_DIET	ND[0]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BA	HQ_DIET	0.053	0.000	0.001	0.000	0.000	0.000	0.002	0.000	0.000	0.002	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	0.000	ND	ND	0.000
	HQ_SOIL	0.012	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000
BE	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CD	HQ_DIET	0.067	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.006	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.013	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.002	0.000
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CO	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CR_CRHEX	HQ_DIET	0.168	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.137	0.000	0.001	0.000	0.000	0.001	0.009	0.000	0.000	0.002	0.001

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl - TEAD Current Data (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
CU	HQ_DIET	0.025	0.000	0.000	0.000	0.000	0.000	0.035	0.000	0.000	0.002	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	0.030	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.001	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DIOXIN_FURAN	HQ_DIET	0.119	0.002	0.073	0.007	0.011	0.055	0.183	0.000	0.003	0.131	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.165	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FE	HQ_DIET	0.154	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.395	0.000	0.003	0.000	0.002	0.001	0.021	0.000	0.000	0.003	0.001
HG	HQ_DIET	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MN	HQ_DIET	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl - TEAD Current Data (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
NI	HQ_DIET	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	0.737	0.000	0.002	0.000	0.025	0.006	0.036	0.000	0.000	0.086	0.007
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.026	0.000	0.000	0.000	0.001	0.000	0.003	0.000	0.000	0.007	0.001
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	0.370	0.000	0.002	0.000	0.000	0.001	0.008	0.000	0.000	0.005	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.993	0.000	0.006	0.001	0.001	0.005	0.016	0.000	0.000	0.011	0.002
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl - TEAD Current Data (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
ZN	HQ_DIET	0.412	0.000	0.000	0.000	0.010	0.003	0.055	0.000	0.000	0.001	0.001
	HQ_SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.026	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.001	0.000

[a]No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle - TEAD Current Data

Receptor Group	Golden Eagle Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
135TNB	HQ_DIET	ND[0]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.018	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.001	0.000
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BA	HQ_DIET	0.106	0.000	0.001	0.000	0.000	0.001	0.003	0.000	0.000	0.005	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	0.000	ND	ND	0.000
	HQ_SOIL	0.024	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000
BE	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CD	HQ_DIET	0.124	0.000	0.001	0.000	0.000	0.001	0.012	0.000	0.000	0.011	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.025	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.003	0.000
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CO	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CR_CRHEX	HQ_DIET	0.336	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.275	0.000	0.002	0.000	0.001	0.001	0.017	0.000	0.000	0.003	0.002

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle - TEAD Current Data (continued)

Receptor Group	Golden Eagle Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
CU	HQ_DIET	0.049	0.000	0.000	0.000	0.000	0.000	0.070	0.000	0.000	0.003	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.001	0.000
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	0.030	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.001	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DIOXIN_FURAN	HQ_DIET	0.238	0.004	0.146	0.015	0.022	0.109	0.366	0.001	0.005	0.263	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.331	0.000	0.001	0.000	0.000	0.000	0.003	0.000	0.000	0.002	0.001
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FE	HQ_DIET	0.309	0.000	0.001	0.000	0.000	0.001	0.002	0.000	0.000	0.001	0.001
	HQ_SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.791	0.000	0.007	0.000	0.003	0.002	0.043	0.000	0.000	0.005	0.002
HG	HQ_DIET	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MN	HQ_DIET	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle - TEAD Current Data (continued)

Receptor Group	Golden Eagle Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
NI	HQ_DIET	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	1.181	0.000	0.002	0.000	0.040	0.009	0.057	0.000	0.000	0.137	0.011
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.042	0.000	0.000	0.000	0.002	0.001	0.006	0.000	0.000	0.011	0.001
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	0.688	0.000	0.004	0.000	0.001	0.003	0.016	0.000	0.000	0.009	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.482	0.000	0.016	0.002	0.002	0.012	0.039	0.000	0.001	0.028	0.004
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle - TEAD Current Data (continued)

Receptor Group	Golden Eagle Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
ZN	HQ_DIET	0.824	0.000	0.001	0.000	0.020	0.006	0.111	0.000	0.000	0.002	0.001
	HQ_SURFWATR	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.052	0.000	0.000	0.000	0.001	0.000	0.010	0.000	0.000	0.001	0.001

[a]No toxicity data or pathway data is missing.

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle - TEAD Current Data

Receptor Group	Bald Eagle Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
135TNB	HQ_DIET	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.018	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.001	0.000
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BA	HQ_DIET	0.106	0.000	0.001	0.000	0.000	0.001	0.003	0.000	0.000	0.005	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	0.000	ND	ND	0.000
	HQ_SOIL	0.024	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000
BE	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CD	HQ_DIET	0.124	0.000	0.001	0.000	0.000	0.001	0.012	0.000	0.000	0.011	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.025	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.003	0.000
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CO	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CR_CRHEX	HQ_DIET	0.336	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.275	0.000	0.002	0.000	0.001	0.001	0.017	0.000	0.000	0.003	0.002

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle - TEAD Current Data (continued)

Receptor Group	Bald Eagle Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
CU	HQ_DIET	0.049	0.000	0.000	0.000	0.000	0.000	0.070	0.000	0.000	0.003	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.001	0.000
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	0.012	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DIOXIN_FURAN	HQ_DIET	0.238	0.004	0.146	0.015	0.022	0.109	0.366	0.001	0.005	0.263	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.331	0.000	0.001	0.000	0.000	0.000	0.003	0.000	0.000	0.002	0.001
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FE	HQ_DIET	0.309	0.000	0.001	0.000	0.000	0.001	0.002	0.000	0.000	0.001	0.001
	HQ_SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.791	0.000	0.007	0.000	0.003	0.002	0.043	0.000	0.000	0.005	0.002
HG	HQ_DIET	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MN	HQ_DIET	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle - TEAD Current Data (continued)

Receptor Group	Bald Eagle Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
NI	HQ_DIET	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	1.181	0.000	0.002	0.000	0.040	0.009	0.057	0.000	0.000	0.137	0.011
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.042	0.000	0.000	0.000	0.002	0.001	0.006	0.000	0.000	0.011	0.001
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	0.688	0.000	0.004	0.000	0.001	0.003	0.016	0.000	0.000	0.009	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.482	0.000	0.016	0.002	0.002	0.012	0.039	0.000	0.001	0.028	0.004
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle - TEAD Current Data (continued)

Receptor Group	Bald Eagle Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
ZN	HQ_DIET	0.824	0.000	0.001	0.000	0.020	0.006	0.111	0.000	0.000	0.002	0.001
	HQ_SURFWATR	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.052	0.000	0.000	0.000	0.001	0.000	0.010	0.000	0.000	0.001	0.001

*No toxicity data or pathway data is missing.

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse - TEAD Current Data

Receptor Group	Deer Mouse ** Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
135TNB	HQ_DIET	ND(Q)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	11.624	8.758	9.195	23.285	8.963	2.704	9.279	3.994	6.055	5.590	7.692
	HQ_SOIL	0.089	0.084	0.089	0.089	0.089	0.089	0.089	0.021	0.089	0.089	0.089
24D	HQ_DIET	1.616	0.895	0.939	0.939	0.939	0.730	0.854	0.224	0.854	0.854	1.211
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.002	0.001	0.001
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AL	HQ_DIET	2.720	2.885	2.591	2.289	1.600	0.733	1.319	1.259	1.843	1.769	1.521
	HQ_SOIL	4.798	5.615	6.267	2.119	1.970	2.587	3.962	1.003	2.597	2.899	7.753
AS	HQ_DIET	0.083	0.075	0.148	0.247	0.238	0.289	0.310	0.112	0.155	0.322	0.289
	HQ_SOIL	0.059	0.021	0.036	0.028	0.066	0.084	0.467	0.008	0.026	0.157	0.231
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.001	0.001	0.001	0.003	0.002	0.013	0.000	0.017	0.001	0.126
BA	HQ_DIET	0.723	0.966	0.899	0.559	0.547	0.388	0.438	0.989	0.823	7.473	0.776
	HQ_SOIL	0.181	0.364	0.297	0.111	0.324	0.275	0.519	0.210	0.135	0.902	0.319
BE	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
CD	HQ_DIET	0.145	0.608	0.315	0.089	0.082	0.080	0.608	0.457	0.215	0.174	0.298
	HQ_SOIL	0.006	0.051	0.006	0.006	0.023	0.006	0.064	0.051	0.006	0.071	0.051
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.001	0.001	0.001	0.001	0.010	0.001	0.000	0.001	0.001	0.058
CO	HQ_DIET	0.487	0.559	0.570	0.381	0.310	0.357	0.346	0.263	0.388	0.668	0.414
	HQ_SOIL	0.647	0.398	0.566	0.138	0.138	0.138	1.693	0.105	0.323	0.875	0.605
CR_CRHEX	HQ_DIET	0.034	0.034	0.033	0.033	0.029	0.021	0.028	0.024	0.034	0.039	0.028
	HQ_SOIL	0.027	0.031	0.033	0.015	0.055	0.026	0.109	0.009	0.019	0.031	0.143
CU	HQ_DIET	2.400	3.234	2.962	3.773	3.542	2.593	2.853	3.872	3.800	3.196	2.828
	HQ_SOIL	0.098	0.092	0.069	0.034	0.868	0.069	21.429	0.583	0.052	0.571	0.517
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.021
DDT_R	HQ_DIET	0.004	0.004	0.007	0.005	0.010	0.002	0.006	0.004	0.006	0.007	0.005
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
DIOXIN_FURAN	HQ_DIET	19.852	8.603	7.968	47.833	49.730	7.516	13.261	26.223	72.583	4.248	3.409
	HQ_SOIL	2.042	0.496	0.508	0.587	0.350	0.392	1.039	0.209	1.127	0.890	2.426
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.184	0.176	0.184	0.184	0.184	0.184	0.184	0.044	0.184	0.614	0.184
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse - TEAD Current Data (continued)

Receptor Group	Deer Mouse ** Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
FE	HQ_DIET	7.285	7.073	7.339	6.430	4.493	2.908	4.119	3.382	5.626	5.502	4.598
	HQ_SOIL	14.466	16.295	19.961	8.867	65.044	8.324	49.971	3.298	11.094	8.842	23.507
HG	HQ_DIET	0.012	0.017	0.015	0.017	0.014	0.014	0.014	0.013	0.016	0.018	0.018
	HQ_SOIL	0.001	0.001	0.001	0.001	0.002	0.001	0.023	0.000	0.001	0.002	0.004
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.001	0.004	0.004	0.004
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	0.308	0.372	0.439	0.234	0.160	0.146	0.138	0.090	0.171	0.214	0.231
	HQ_SOIL	0.096	0.110	0.110	0.045	0.131	0.063	0.122	0.020	0.055	0.072	0.147
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.003	0.013	0.013	0.013
NI	HQ_DIET	0.035	0.019	0.032	0.014	0.015	0.024	0.021	0.011	0.038	0.035	0.027
	HQ_SOIL	0.008	0.007	0.009	0.004	0.030	0.004	0.010	0.003	0.005	0.017	0.013
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PAH	HQ_DIET	0.003	0.002	0.003	0.003	0.005	0.003	0.015	0.001	0.017	0.016	0.007
	HQ_SOIL	0.026	0.024	0.025	0.025	0.025	0.117	15.517	0.006	0.125	0.031	1.249
PB	HQ_DIET	0.236	0.232	0.183	0.303	0.266	0.281	0.374	4.695	1.201	4.637	0.543
	HQ_SOIL	0.175	0.181	0.115	0.025	9.985	0.472	1.491	1.325	0.054	3.914	2.653
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.001	0.006	0.006	0.062
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.001	0.025
RDX	HQ_DIET	10.151	13.871	14.565	1434.874	13.901	8.918	9.450	3.468	9.450	9.587	14.941
	HQ_SOIL	0.081	0.077	0.081	0.081	0.081	0.081	0.081	0.019	0.081	0.081	0.081
SB	HQ_DIET	0.435	0.358	0.366	0.460	0.461	0.523	0.450	0.617	0.367	0.816	0.602
	HQ_SOIL	0.022	0.021	0.022	0.022	0.686	0.062	0.440	0.259	0.022	9.227	0.068
SE	HQ_DIET	1.772	1.292	1.350	1.531	1.528	1.595	1.630	1.440	2.199	1.675	2.372
	HQ_SOIL	0.040	0.038	0.040	0.040	0.040	0.040	0.130	0.009	0.040	0.086	0.040
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	5.061	4.820	5.061	5.061	5.061	5.061	5.061	1.205	5.061	5.061	5.061
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ_DIET	0.127	0.133	0.083	0.112	0.057	0.047	0.058	0.044	0.086	0.096	0.084
	HQ_SOIL	0.224	0.304	0.373	0.154	0.132	0.155	0.214	0.053	0.185	0.215	0.372

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse - TEAD Current Data (continued)

Receptor Group	Deer Mouse ** Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
ZN	HQ_DIET	1.745	2.703	1.986	2.068	1.864	2.147	3.937	1.990	2.086	2.093	2.136
	HQ_SOIL	0.063	0.124	0.060	0.031	1.098	0.069	0.773	0.153	0.054	0.113	0.473

**Deer mouse obtains daily water requirement from diet not surface water ingestion.

[a]No toxicity or pathway data is missing.

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer - TEAD Current Data

Receptor Group	Mule Deer Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
135TNB	HQ_DIET	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	2.181	0.004	0.172	0.044	0.025	0.038	0.435	0.002	0.004	0.188	0.036
	HQ_SURFWATR	ND	ND	ND	ND	0.114	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	0.000	0.001	0.000	0.000	0.001	0.002	0.000	0.000	0.001	0.000
24D	HQ_DIET	0.289	0.000	0.016	0.002	0.002	0.009	0.036	0.000	0.001	0.026	0.005
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AL	HQ_DIET	0.304	0.001	0.033	0.004	0.003	0.006	0.053	0.000	0.001	0.043	0.005
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.480	0.001	0.063	0.002	0.003	0.019	0.099	0.000	0.001	0.052	0.019
AS	HQ_DIET	0.013	0.000	0.004	0.000	0.000	0.002	0.007	0.000	0.000	0.006	0.001
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.008	0.000	0.000	0.000	0.000	0.001	0.016	0.000	0.000	0.004	0.001
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BA	HQ_DIET	0.193	0.000	0.017	0.001	0.002	0.007	0.026	0.001	0.001	0.413	0.005
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	0.000	ND	ND	0.001
	HQ_SOIL	0.024	0.000	0.004	0.000	0.001	0.003	0.017	0.000	0.000	0.022	0.001
BE	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CD	HQ_DIET	0.022	0.000	0.006	0.000	0.000	0.001	0.043	0.000	0.000	0.005	0.002
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.002	0.000
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CO	HQ_DIET	0.054	0.000	0.007	0.001	0.000	0.004	0.012	0.000	0.000	0.025	0.002
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.083	0.000	0.007	0.000	0.000	0.001	0.054	0.000	0.000	0.020	0.002
CR_CRHEX	HQ_DIET	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer - TEAD Current Data (continued)

Receptor Group	Mule Deer Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
CU	HQ_DIET	0.152	0.000	0.013	0.002	0.002	0.010	0.044	0.000	0.001	0.035	0.003
	HQ_SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.008	0.000	0.001	0.000	0.001	0.000	0.429	0.000	0.000	0.008	0.001
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DDT_R	HQ_DIET	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DIOXIN_FURAN	HQ_DIET	1.145	0.005	0.172	0.006	0.018	0.020	0.518	0.009	0.062	0.168	0.017
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.270	0.000	0.007	0.001	0.001	0.004	0.034	0.000	0.001	0.021	0.008
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	0.001
	HQ_SOIL	0.015	0.000	0.001	0.000	0.000	0.001	0.004	0.000	0.000	0.009	0.000
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	0.976	0.003	0.120	0.013	0.010	0.028	0.189	0.001	0.004	0.164	0.016
	HQ_SURFWATR	ND	ND	ND	ND	0.045	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	1.930	0.006	0.266	0.012	0.130	0.083	1.666	0.001	0.005	0.212	0.078
HG	HQ_DIET	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	0.074	0.000	0.011	0.001	0.001	0.002	0.007	0.000	0.000	0.009	0.001
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.013	0.000	0.001	0.000	0.000	0.001	0.004	0.000	0.000	0.002	0.000
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer - TEAD Current Data (continued)

Receptor Group	Mule Deer Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
NI	HQ_DIET	0.007	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PAH	HQ_DIET	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.051	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	0.000	0.000	0.000	0.000	0.001	0.514	0.000	0.000	0.001	0.004
PB	HQ_DIET	0.052	0.000	0.003	0.001	0.001	0.004	0.022	0.003	0.000	0.244	0.002
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.023	0.000	0.002	0.000	0.020	0.005	0.050	0.000	0.000	0.094	0.009
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RDX	HQ_DIET	3.337	0.012	0.479	4.725	0.069	0.220	0.777	0.003	0.011	0.567	0.123
	HQ_SURFWATR	ND	ND	ND	ND	0.010	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	0.000	0.001	0.000	0.000	0.001	0.003	0.000	0.000	0.002	0.000
SB	HQ_DIET	0.090	0.000	0.006	0.001	0.001	0.008	0.021	0.000	0.000	0.028	0.002
	HQ_SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	0.000	0.000	0.000	0.001	0.001	0.015	0.000	0.000	0.221	0.000
SE	HQ_DIET	0.272	0.001	0.022	0.002	0.003	0.017	0.059	0.000	0.001	0.043	0.010
	HQ_SURFWATR	ND	ND	ND	ND	0.007	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.002	0.000
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.607	0.002	0.061	0.006	0.009	0.046	0.152	0.000	0.002	0.109	0.015
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ_DIET	0.008	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.001	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	0.000	0.002	0.000	0.000	0.001	0.003	0.000	0.000	0.002	0.001

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer - TEAD Current Data (continued)

Receptor Group	Mule Deer Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
ZN	HQ_DIET	0.055	0.001	0.010	0.001	0.001	0.007	0.089	0.000	0.000	0.013	0.002
	HQ_SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	0.000	0.000	0.000	0.001	0.000	0.012	0.000	0.000	0.001	0.001

[a]No toxicity data or pathway data is missing.

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit - TEAD Current Data

Receptor Group	Jackrabbit Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
135TNB	HQ_DIET	ND[0]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	6.106	0.047	1.874	0.476	0.274	0.410	4.729	0.021	0.043	2.046	0.392
	HQ_SURFWATR	ND	ND	ND	ND	0.526	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.020	0.000	0.008	0.001	0.001	0.006	0.019	0.000	0.000	0.014	0.002
24D	HQ_DIET	0.810	0.004	0.176	0.018	0.026	0.100	0.396	0.001	0.006	0.285	0.058
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AL	HQ_DIET	0.680	0.009	0.283	0.034	0.029	0.050	0.465	0.004	0.009	0.378	0.040
	HQ_SURFWATR	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.064	0.013	0.540	0.018	0.025	0.167	0.853	0.002	0.008	0.449	0.167
AS	HQ_DIET	0.036	0.000	0.038	0.002	0.003	0.016	0.073	0.000	0.001	0.068	0.007
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.001
	HQ_SOIL	0.022	0.000	0.005	0.000	0.001	0.009	0.168	0.000	0.000	0.041	0.008
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.003
BA	HQ_DIET	0.542	0.005	0.180	0.014	0.020	0.072	0.284	0.007	0.007	4.495	0.052
	HQ_SURFWATR	ND	ND	ND	ND	0.004	ND	ND	0.001	ND	ND	0.004
	HQ_SOIL	0.067	0.001	0.043	0.002	0.007	0.030	0.187	0.001	0.001	0.234	0.011
BE	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CD	HQ_DIET	0.063	0.004	0.061	0.001	0.001	0.006	0.467	0.003	0.001	0.051	0.018
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	0.000	0.001	0.000	0.000	0.001	0.023	0.000	0.000	0.018	0.002
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.001
CO	HQ_DIET	0.151	0.002	0.072	0.006	0.005	0.042	0.131	0.001	0.002	0.268	0.017
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.230	0.001	0.078	0.002	0.003	0.014	0.583	0.000	0.002	0.217	0.021
CR_CRHEX	HQ_DIET	0.008	0.000	0.003	0.000	0.000	0.001	0.008	0.000	0.000	0.008	0.001
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.006	0.000	0.003	0.000	0.001	0.002	0.023	0.000	0.000	0.005	0.003

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit - TEAD Current Data (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
CU	HQ_DIET	0.425	0.005	0.139	0.022	0.025	0.104	0.479	0.005	0.006	0.383	0.034
	HQ_SURFWATR	ND	ND	ND	ND	0.009	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.022	0.000	0.006	0.000	0.011	0.004	4.612	0.001	0.000	0.088	0.011
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
DDT_R	HQ_DIET	0.004	0.000	0.003	0.000	0.001	0.001	0.005	0.000	0.000	0.003	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DIOXIN_FURAN	HQ_DIET	3.207	0.055	1.868	0.065	0.195	0.222	5.633	0.093	0.677	1.831	0.183
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.747	0.002	0.072	0.008	0.007	0.042	0.371	0.001	0.006	0.227	0.086
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.010	ND	ND	ND	ND	ND	0.004
	HQ_SOIL	0.041	0.000	0.016	0.002	0.002	0.012	0.040	0.000	0.001	0.095	0.004
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	2.732	0.032	1.309	0.139	0.109	0.307	2.057	0.011	0.042	1.785	0.171
	HQ_SURFWATR	ND	ND	ND	ND	0.210	ND	ND	ND	ND	ND	0.002
	HQ_SOIL	5.347	0.061	2.865	0.127	1.401	0.896	17.934	0.012	0.056	2.285	0.844
HG	HQ_DIET	0.004	0.000	0.001	0.000	0.000	0.001	0.003	0.000	0.000	0.003	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	0.000	0.001	0.000	0.000	0.000	0.002	0.000	0.000	0.001	0.000
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	0.208	0.002	0.118	0.006	0.006	0.026	0.079	0.000	0.001	0.098	0.015
	HQ_SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.036	0.000	0.016	0.001	0.003	0.007	0.044	0.000	0.000	0.019	0.005
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	0.000	0.001	0.000	0.000	0.001	0.004	0.000	0.000	0.003	0.000

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit - TEAD Current Data (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
NI	HQ_DIET	0.019	0.000	0.008	0.000	0.001	0.004	0.012	0.000	0.000	0.012	0.001
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	0.000	0.001	0.000	0.001	0.000	0.004	0.000	0.000	0.004	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PAH	HQ_DIET	0.001	0.000	0.001	0.000	0.000	0.001	0.012	0.000	0.000	0.009	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.235	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.010	0.000	0.004	0.000	0.001	0.012	5.532	0.000	0.001	0.008	0.044
PB	HQ_DIET	0.145	0.001	0.033	0.006	0.008	0.048	0.238	0.032	0.002	2.648	0.020
	HQ_SURFWATR	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.065	0.001	0.016	0.000	0.214	0.051	0.534	0.005	0.000	1.008	0.095
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	0.000	0.001	0.000	0.000	0.001	0.002	0.000	0.000	0.001	0.002
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
RDX	HQ_DIET	9.344	0.130	5.209	51.379	0.746	2.391	8.444	0.033	0.118	6.168	1.336
	HQ_SURFWATR	ND	ND	ND	ND	0.048	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.031	0.000	0.012	0.001	0.002	0.009	0.030	0.000	0.000	0.022	0.003
SB	HQ_DIET	0.253	0.002	0.067	0.007	0.010	0.088	0.231	0.005	0.003	0.302	0.024
	HQ_SURFWATR	ND	ND	ND	ND	0.009	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.008	0.000	0.003	0.000	0.015	0.007	0.158	0.001	0.000	2.383	0.002
SE	HQ_DIET	0.761	0.006	0.241	0.023	0.035	0.186	0.642	0.001	0.009	0.463	0.109
	HQ_SURFWATR	ND	ND	ND	ND	0.030	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	0.000	0.004	0.000	0.001	0.003	0.035	0.000	0.000	0.017	0.001
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.683	0.016	0.654	0.065	0.098	0.490	1.634	0.004	0.023	1.176	0.163
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ_DIET	0.027	0.000	0.005	0.001	0.001	0.005	0.021	0.000	0.000	0.018	0.002
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.050	0.001	0.032	0.001	0.002	0.010	0.046	0.000	0.001	0.033	0.008

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit - TEAD Current Data (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU									
			1b	1c	10	11	12	15	21	37	42	45
ZN	HQ_DIET	0.192	0.007	0.136	0.013	0.014	0.089	1.213	0.003	0.005	0.180	0.027
	HQ_SURFWATR	ND	ND	ND	ND	0.012	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	0.000	0.005	0.000	0.014	0.004	0.166	0.000	0.000	0.018	0.010

[a]No toxicity data or pathway data is missing.

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox- TEAD Current Data

Receptor Group	Kit Fox Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
135TNB	HQ_DIET	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.190	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.055	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000
24D	HQ_DIET	0.318	0.000	0.003	0.000	0.000	0.002	0.007	0.000	0.000	0.005	0.001
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AL	HQ_DIET	2.187	0.011	0.011	0.001	0.001	0.012	0.013	0.000	0.000	0.014	0.014
	HQ_SURFWATR	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND
	HQ_SOIL	5.992	0.002	0.064	0.002	0.003	0.020	0.101	0.000	0.001	0.053	0.020
AS	HQ_DIET	0.099	0.000	0.001	0.001	0.001	0.009	0.009	0.000	0.000	0.005	0.005
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.001
	HQ_SOIL	0.099	0.000	0.000	0.000	0.000	0.001	0.016	0.000	0.000	0.004	0.001
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BA	HQ_DIET	0.814	0.005	0.014	0.001	0.002	0.011	0.030	0.000	0.000	0.042	0.005
	HQ_SURFWATR	ND	ND	ND	ND	0.003	ND	ND	0.001	ND	ND	0.002
	HQ_SOIL	0.301	0.000	0.004	0.000	0.001	0.003	0.018	0.000	0.000	0.022	0.001
BE	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CD	HQ_DIET	0.129	0.002	0.002	0.000	0.000	0.002	0.005	0.000	0.000	0.005	0.002
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.002	0.000
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CO	HQ_DIET	0.681	0.005	0.005	0.001	0.001	0.008	0.009	0.000	0.000	0.006	0.006
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.294	0.000	0.009	0.000	0.000	0.002	0.069	0.000	0.000	0.026	0.002
CR_CRHEX	HQ_DIET	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.022	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox- TEAD Current Data (continued)

Receptor Group	Kit Fox Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
CU	HQ_DIET	1.298	0.013	0.015	0.004	0.007	0.036	0.429	0.001	0.001	0.042	0.027
	HQ_SURFWATR	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.078	0.000	0.000	0.000	0.001	0.000	0.351	0.000	0.000	0.007	0.001
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DDT_R	HQ_DIET	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DIOXIN_FURAN	HQ_DIET	25.399	0.089	2.430	0.373	0.493	2.050	6.381	0.023	0.097	4.391	0.056
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	3.368	0.000	0.007	0.001	0.001	0.004	0.035	0.000	0.001	0.022	0.008
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	0.002
	HQ_SOIL	0.111	0.000	0.001	0.000	0.000	0.001	0.002	0.000	0.000	0.005	0.000
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	10.595	0.042	0.057	0.008	0.009	0.076	0.104	0.001	0.002	0.090	0.072
	HQ_SURFWATR	ND	ND	ND	ND	0.121	ND	ND	ND	ND	ND	0.001
	HQ_SOIL	24.046	0.006	0.272	0.012	0.133	0.085	1.701	0.001	0.005	0.217	0.080
HG	HQ_DIET	0.014	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	0.142	0.001	0.001	0.000	0.000	0.002	0.002	0.000	0.000	0.001	0.001
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.160	0.000	0.001	0.000	0.000	0.001	0.004	0.000	0.000	0.002	0.001
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox- TEAD Current Data (continued)

Receptor Group	Kit Fox Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
NI	HQ_DIET	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PAH	HQ_DIET	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.138	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.044	0.000	0.000	0.000	0.000	0.001	0.534	0.000	0.000	0.001	0.004
PB	HQ_DIET	4.183	0.002	0.012	0.001	0.180	0.046	0.264	0.003	0.001	0.631	0.059
	HQ_SURFWATR	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.291	0.000	0.002	0.000	0.020	0.005	0.051	0.000	0.000	0.096	0.009
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RDX	HQ_DIET	0.025	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.028	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.142	0.000	0.001	0.000	0.000	0.001	0.003	0.000	0.000	0.002	0.000
SB	HQ_DIET	0.981	0.002	0.006	0.001	0.020	0.015	0.114	0.001	0.000	1.829	0.009
	HQ_SURFWATR	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.037	0.000	0.000	0.000	0.001	0.001	0.015	0.000	0.000	0.227	0.000
SE	HQ_DIET	2.495	0.004	0.016	0.003	0.003	0.027	0.072	0.001	0.001	0.043	0.013
	HQ_SURFWATR	ND	ND	ND	ND	0.017	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.050	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.002	0.000
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	7.587	0.002	0.062	0.006	0.009	0.047	0.155	0.000	0.002	0.112	0.016
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ_DIET	0.079	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.001
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.220	0.000	0.003	0.000	0.000	0.001	0.004	0.000	0.000	0.003	0.001

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox- TEAD Current Data (continued)

Receptor Group	Kit Fox Pathway	RSA	SWMU 1b	1c	10	11	12	15	21	37	42	45
ZN	HQ_DIET	1.673	0.009	0.010	0.003	0.018	0.040	0.123	0.000	0.000	0.024	0.024
	HQ_SURFWATR	ND	ND	ND	ND	0.007	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.063	0.000	0.000	0.000	0.001	0.000	0.016	0.000	0.000	0.002	0.001

[a]No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic)

Receptor Group	Passerines Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
135TNB	HQ_DIET**	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.023	0.193	ND	ND	2.556	ND	0.024	ND	0.028	ND	0.054	ND	ND	5.578	0.109
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	ND	ND
	HQ_SOIL	0.436	ND	ND	ND	ND	0.147	1.435	1.309	0.478	ND	0.664	0.620	ND	1.074	1.416
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.078	0.004	ND	ND	0.052
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.600	5.346	ND	ND	ND	0.365	1.309	1.303	1.438	ND	0.825	ND	ND	2.664	1.523
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.006	ND	ND	ND	0.002	ND	0.004	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	ND	ND	ND	ND	0.021	ND	ND	ND	ND	ND	ND	ND	0.568	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.662	14.365	5.587	ND	0.245	7.647	1.642	0.953	ND	ND	14.225	ND	ND	45.643	4.817
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.014	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.004	ND	ND	0.001	0.005	0.004	0.006	0.006	ND	0.004	ND	ND	ND	0.007
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.018	ND	ND	ND	ND
	HQ_SOIL	6.819	10.495	ND	ND	12.755	43.745	9.085	10.909	11.428	ND	23.527	ND	6.344	81.154	131.418

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND
	HQ_SOIL	0.225	68.811	ND	ND	0.234	0.298	0.593	0.213	2.620	ND	67.694	ND	ND	5.321	4.401
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.041	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.407
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	8.202	ND	0.022	0.011	ND	ND	ND	ND	ND	1.724	0.075	ND	ND	ND	3.219
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.246	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.848	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.560
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.014	ND	ND	ND	ND
	HQ_SOIL	19.604	42.703	ND	ND	ND	17.976	29.153	36.126	38.108	ND	98.153	ND	ND	ND	44.328
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.010	0.025	ND	ND	0.020	0.005	0.022	ND	0.009	ND	0.152	ND	0.012	0.535	0.048
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.422	ND	ND	ND	ND	0.209	ND	0.936	ND	ND	1.342	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.248	0.352	ND	ND	ND	0.291	0.208	0.308	0.407	ND	1.074	ND	ND	0.769	0.243
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND
	HQ_SOIL	1.303	207.923	1.416	ND	0.236	6.923	47.309	2.184	248.079	ND	166.830	3.509	0.572	11.689	9.107
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.351	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.379
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND
	HQ_SOIL	0.229	ND	ND	ND	0.023	0.128	ND	ND	ND	ND	1.468	ND	0.391	1.572	0.082
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.013	ND	ND	ND	ND
	HQ_SOIL	0.248	ND	ND	ND	0.106	ND	ND	ND	ND	ND	0.529	ND	ND	2.692	0.396
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	49.233	24.344	ND	ND	ND	21.445	ND	ND	ND	ND	ND	ND	ND	31.617	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.875	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.021	ND	ND	ND	ND
	HQ_SOIL	1.277	268.631	ND	ND	0.711	5.232	4.828	6.961	2.200	ND	19.977	ND	ND	33.492	9.179

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

'No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34	35
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.023	ND	ND	0.156	0.005	0.027	0.248	0.041	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.436	ND	0.347	0.280	0.152	0.999	0.802	0.406	0.813	0.981	0.841	0.485	ND	0.131	0.109	3.164
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	0.000	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.600	ND	3.726	12.396	ND	0.800	0.981	ND	ND	ND	ND	1.423	ND	ND	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	ND	ND	ND	ND	0.029	ND	ND	ND	ND	ND	ND	ND	0.008	ND	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.662	2.597	9.472	132.790	ND	6.107	2.409	4.245	14.521	7.186	0.644	7.343	ND	0.636	0.385	0.669
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.053
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	ND	ND	0.002	0.001	0.004	0.003	ND	ND	ND	ND	0.005	ND	ND	ND	0.007
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	6.819	8.445	16.763	297.492	1.664	43.372	16.372	33.468	136.012	12.714	22.966	57.907	ND	3.106	1.703	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34	35
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.225	5.334	6.488	44.114	0.038	0.629	1.058	3.610	0.529	0.263	ND	0.425	ND	0.055	0.083	0.247
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.041	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.541	ND	ND	ND	29.453	2.758
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	8.202	ND	ND	0.051	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.246	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.263	36.909
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	19.604	51.158	22.103	36.749	5.109	30.285	90.909	ND	ND	ND	ND	31.526	ND	ND	ND	35.085
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.010	ND	0.009	0.006	ND	0.019	0.168	0.009	1.483	ND	ND	0.015	ND	ND	ND	ND
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.004	0.269
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	0.290
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.422	ND	ND	0.518	ND	ND	0.613	ND	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34	35
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.248	0.271	0.517	0.788	0.067	0.223	0.192	0.223	0.352	ND	ND	0.308	ND	ND	0.057	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.303	6.781	71.872	374.028	0.292	7.360	39.228	13.709	22.275	4.592	2.686	8.285	1.776	0.522	1.563	3.191
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.351	ND	ND	ND	ND	14.397	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.229	0.257	0.231	0.078	ND	0.078	ND	ND	ND	0.138	ND	ND	0.069	ND	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.248	ND	ND	0.811	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.053	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	49.233	ND	22.924	43.921	ND	ND	ND	12.628	39.382	39.738	ND	ND	ND	ND	5.976	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.775	3.008	ND	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34	35
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.277	97.286	19.262	103.336	0.732	10.702	4.074	35.711	11.323	ND	5.024	5.661	ND	ND	2.071	2.886

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	RSA	SWMU 36	37	38	40	42	45	46	47
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.023	0.027	ND	ND	0.023	0.396	0.059	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.436	0.512	ND	ND	0.866	1.123	2.546	0.109	ND
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	ND	ND	ND	ND	ND	3.126	ND	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.001	ND	ND
	HQ_SOIL	0.600	1.414	ND	ND	1.610	52.405	ND	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	ND	ND	ND	ND	0.004	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.662	ND	0.761	0.569	1.202	11.683	4.695	0.863	ND
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	ND	ND	ND	ND	ND	1.120	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.003	ND	ND	0.003	0.005	0.004	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	6.819	8.322	ND	ND	7.829	50.009	27.244	6.640	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	RSA	SWMU 36	37	38	40	42	45	46	47
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.225	3.331	ND	0.171	0.461	40.324	1.127	0.144	ND
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.041	ND	ND	ND	ND	14.094	47.286	ND	ND
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	8.202	ND	8.450	ND	ND	18.829	0.312	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.246	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	19.604	32.780	ND	ND	24.168	33.278	ND	10.668	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.010	ND	ND	0.008	0.008	0.019	0.029	0.014	0.032
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.422	ND	ND	ND	ND	0.492	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	RSA	SWMU 36	37	38	40	42	45	46	47
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.248	ND	ND	ND	0.193	0.989	0.377	0.107	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	1.303	19.584	1.642	0.883	5.921	549.935	16.395	4.257	12.826
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.351	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.001	ND	ND
	HQ_SOIL	0.229	ND	0.021	0.006	ND	0.041	1.403	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.248	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	49.233	ND	ND	15.327	ND	69.105	47.543	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	10.249	184.877
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	RSA	SWMU 36	37	38	40	42	45	46	47
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.277	6.190	13.530	ND	2.231	32.712	9.647	1.592	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic)

Receptor Group	American Kestrel Pathway	SWMU														
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
135TNB	HQ_DIET**	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.008	ND	ND	0.000	ND	0.000	ND	0.000	ND	0.000	ND	ND	0.004	0.001
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.025	ND	ND	ND	ND	0.000	0.006	0.013	0.000	ND	0.000	0.002	ND	0.001	0.017
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	0.001
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.034	0.223	ND	ND	ND	0.000	0.006	0.013	0.000	ND	0.001	ND	ND	0.002	0.018
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.037	0.599	0.001	ND	0.000	0.001	0.007	0.009	ND	ND	0.010	ND	ND	0.032	0.057
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	ND	0.000
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.017	ND	ND	ND	ND
	HQ_SOIL	0.386	0.437	ND	ND	0.001	0.003	0.040	0.106	0.004	ND	0.017	ND	0.023	0.057	1.565

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU														
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND
	HQ_SOIL	0.013	2.868	ND	ND	0.000	0.000	0.003	0.002	0.001	ND	0.048	ND	ND	0.004	0.052
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.464	ND	0.000	0.000	ND	ND	ND	ND	ND	0.001	0.000	ND	ND	ND	0.038
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.013	ND	ND	ND	ND
	HQ_SOIL	1.109	1.780	ND	ND	ND	0.001	0.129	0.352	0.012	ND	0.070	ND	ND	ND	0.528
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.001	0.001	ND	ND	0.000	0.000	0.000	ND	0.000	ND	0.000	ND	0.000	0.000	0.001
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.024	ND	ND	ND	ND	0.000	ND	0.009	ND	ND	0.001	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU														
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.014	0.015	ND	ND	ND	0.000	0.001	0.003	0.000	ND	0.001	ND	ND	0.001	0.003
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.015	1.733	0.000	ND	0.000	0.000	0.042	0.004	0.015	ND	0.024	0.003	0.000	0.002	0.022
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND
	HQ_SOIL	0.013	ND	ND	ND	0.000	0.000	ND	ND	ND	ND	0.001	ND	0.001	0.001	0.001
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	0.002	0.005
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.785	1.015	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	0.022	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU													
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.019	ND	ND	ND	ND
	HQ_SOIL	0.072	11.198	ND	ND	0.000	0.000	0.021	0.068	0.001	ND	0.014	ND	ND	0.024	0.109

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU													
		RSA	19	20	21	22	23	25	26	27	28	29	30	31	32
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	ND	ND	ND	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.025	ND	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.003	0.002	ND	0.000
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.034	ND	0.004	0.001	ND	0.000	0.001	ND	ND	ND	ND	0.007	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.037	0.001	0.010	0.009	ND	0.001	0.001	0.030	0.002	0.003	0.002	0.037	ND	0.000
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	0.000	0.000	0.000	ND	ND	ND	ND	0.000	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.386	0.004	0.017	0.021	0.000	0.007	0.010	0.239	0.021	0.005	0.082	0.290	ND	0.000

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU													
		RSA	19	20	21	22	23	25	26	27	28	29	30	31	32
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.013	0.003	0.007	0.003	0.000	0.000	0.001	0.026	0.000	0.000	ND	0.002	ND	0.000
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.009	ND	ND	ND
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.464	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.109	0.026	0.023	0.003	0.000	0.005	0.056	ND	ND	ND	ND	0.158	ND	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	0.000	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.024	ND	ND	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU													
		RSA	19	20	21	22	23	25	26	27	28	29	30	31	32
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	0.000	0.001	0.000	0.000	0.000	0.000	0.002	0.000	ND	ND	0.002	ND	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.015	0.001	0.015	0.005	0.000	0.000	0.005	0.020	0.001	0.000	0.002	0.008	0.000	0.000
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.020	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.013	0.000	0.000	0.000	ND	0.000	ND	ND	ND	0.000	ND	ND	0.000	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.785	ND	0.023	0.003	ND	ND	ND	0.090	0.006	0.016	ND	ND	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	0.011	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU													
		RSA	19	20	21	22	23	25	26	27	28	29	30	31	32
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.072	0.049	0.020	0.007	0.000	0.002	0.003	0.255	0.002	ND	0.018	0.028	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU RSA	34	35	36	37	38	40	42	45	46	47
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	0.000	ND	ND	0.000	0.003	0.000	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.025	0.000	0.012	0.000	ND	ND	0.006	0.010	0.003	0.000	ND
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	0.004	ND	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND
	HQ_SOIL	0.034	ND	ND	0.001	ND	ND	0.012	0.449	ND	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.037	0.000	0.003	ND	0.000	0.000	0.009	0.100	0.006	0.000	ND
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	ND	ND	ND	ND	ND	0.001	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	0.000	ND	ND	0.000	0.000	0.000	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.386	0.000	ND	0.003	ND	ND	0.056	0.429	0.032	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU RSA	34	35	36	37	38	40	42	45	46	47
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.013	0.000	0.001	0.001	ND	0.000	0.003	0.346	0.001	0.000	ND
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	0.002	0.011	ND	ND	ND	ND	0.121	0.056	ND	ND
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.464	ND	ND	ND	0.001	ND	ND	0.161	0.000	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	0.001	0.145	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	1.109	ND	0.138	0.012	ND	ND	0.173	0.285	ND	0.001	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.001	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.001	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.024	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU RSA	34	35	36	37	38	40	42	45	46	47
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	0.000	ND	ND	ND	ND	0.001	0.008	0.000	0.000	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.015	0.000	0.003	0.001	0.000	0.000	0.008	0.943	0.004	0.000	0.001
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND
	HQ_SOIL	0.013	ND	ND	ND	0.000	0.000	ND	0.000	0.002	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.785	0.000	ND	ND	ND	0.001	ND	0.593	0.057	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	0.040
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU										
		RSA	34	35	36	37	38	40	42	45	46	47
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.072	0.000	0.011	0.002	0.002	ND	0.016	0.280	0.011	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14
135TNB	HQ_DIET**	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	0.000	ND	0.000	ND	0.000	ND	0.000	ND	ND	0.000
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SOIL	0.009	ND	ND	ND	ND	0.000	0.000	0.000	0.000	ND	0.000	0.000	ND	0.000
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SOIL	0.012	0.006	ND	ND	ND	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	0.000
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	0.000	ND	0.000	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.013	0.016	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	0.001
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND
	HQ_SOIL	0.137	0.012	ND	ND	0.000	0.000	0.001	0.003	0.000	ND	0.000	ND	0.001	0.002

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SOIL	0.005	0.076	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	0.001	ND	ND	0.000
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.165	ND	0.000	0.000	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND
	HQ_SOIL	0.395	0.047	ND	ND	ND	0.000	0.003	0.009	0.000	ND	0.002	ND	ND	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	0.000	0.000	0.000	ND	0.000	ND	0.000	ND	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SOIL	0.009	ND	ND	ND	ND	0.000	ND	0.000	ND	ND	0.000	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SOIL	0.005	0.000	ND	ND	ND	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SOIL	0.026	0.229	0.000	ND	0.000	0.000	0.006	0.001	0.002	ND	0.003	0.000	0.000	0.000
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SOIL	0.005	ND	ND	ND	0.000	0.000	ND	ND	ND	ND	0.000	ND	0.000	0.000
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND
	HQ_SOIL	0.005	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	0.000
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.993	0.027	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.001
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND
	HQ_SOIL	0.026	0.296	ND	ND	0.000	0.000	0.001	0.002	0.000	ND	0.000	ND	ND	0.001

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

[a]No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU 15	19	20	21	22	23	25	26	27	28	29	30	31
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	ND	ND	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	ND	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.012	0.000	ND	0.000	0.000	ND	0.000	0.000	ND	ND	ND	ND	0.000	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.013	0.002	0.000	0.000	0.000	ND	0.000	0.000	0.001	0.000	0.000	0.000	0.001	ND
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	0.000	0.000	0.000	0.000	ND	ND	ND	ND	0.000	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.137	0.041	0.000	0.000	0.001	0.000	0.000	0.000	0.006	0.001	0.000	0.002	0.008	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU 15	19	20	21	22	23	25	26	27	28	29	30	31
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	ND	0.000	ND
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.165	0.001	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.395	0.014	0.001	0.001	0.000	0.000	0.000	0.001	ND	ND	ND	ND	0.004	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	0.000	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	ND	ND	ND	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU 15	19	20	21	22	23	25	26	27	28	29	30	31
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND	ND	0.000	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.026	0.003	0.000	0.002	0.001	0.000	0.000	0.001	0.003	0.000	0.000	0.000	0.001	0.000
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	ND	0.000	ND	ND	0.000
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.993	ND	ND	0.001	0.000	ND	ND	ND	0.002	0.000	0.000	ND	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU 15	19	20	21	22	23	25	26	27	28	29	30	31
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.026	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	ND	0.000	0.001	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU 32	34	35	36	37	38	40	42	45	46	47
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	0.000	ND	ND	0.000	0.000	0.000	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	ND	ND	0.000	0.000	0.000	0.000	ND
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	0.000	ND	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.012	ND	ND	ND	0.000	ND	ND	0.000	0.012	ND	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.013	0.000	0.000	0.000	ND	0.000	0.000	0.000	0.003	0.000	0.000	ND
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	0.000	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	0.000	ND	ND	0.000	0.000	0.000	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.137	0.000	0.000	ND	0.000	ND	ND	0.001	0.011	0.001	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU 32	34	35	36	37	38	40	42	45	46	47
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.000	0.000	0.000	0.000	ND	0.000	0.000	0.009	0.000	0.000	ND
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	0.000	0.000	ND	ND	ND	ND	0.003	0.001	ND	ND
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.165	ND	ND	ND	ND	0.000	ND	ND	0.004	0.000	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	ND	0.000	0.004	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.395	ND	ND	0.004	0.000	ND	ND	0.005	0.008	ND	0.000	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.009	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU 32	34	35	36	37	38	40	42	45	46	47
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	ND	0.000	ND	ND	ND	ND	0.000	0.000	0.000	0.000	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.125	0.001	0.000	0.000
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.005	ND	ND	ND	ND	0.000	0.000	ND	0.000	0.000	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.993	ND	0.000	ND	ND	ND	0.000	ND	0.016	0.001	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.001
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU 32	34	35	36	37	38	40	42	45	46	47
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.026	ND	0.000	0.000	0.000	0.000	ND	0.000	0.007	0.000	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic)

Receptor Group	Golden eagle Pathway	SWMU														
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
135TNB	HQ_DIET**	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	ND	ND	0.000	ND	0.000	ND	0.000	ND	0.000	ND	ND	0.000	0.000
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.018	ND	ND	ND	ND	0.000	0.000	0.001	0.000	ND	0.000	0.000	ND	0.000	0.001
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	0.000
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.024	0.012	ND	ND	ND	0.000	0.000	0.001	0.000	ND	0.000	ND	ND	0.000	0.001
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.025	0.029	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	0.002	0.003
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	ND	0.000
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND
	HQ_SOIL	0.275	0.023	ND	ND	0.000	0.000	0.002	0.006	0.000	ND	0.001	ND	0.001	0.003	0.083

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	SWMU														
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.009	0.152	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	0.003	ND	ND	0.000	0.003
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.331	ND	0.000	0.000	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	ND	0.002
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND
	HQ_SOIL	0.791	0.094	ND	ND	ND	0.000	0.007	0.019	0.001	ND	0.004	ND	ND	ND	0.028
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	0.000	0.000	0.000	ND	0.000	ND	0.000	ND	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.017	ND	ND	ND	ND	0.000	ND	0.000	ND	ND	0.000	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	SWMU														
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.010	0.001	ND	ND	ND	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	0.000	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.042	0.367	0.000	ND	0.000	0.000	0.009	0.001	0.003	ND	0.005	0.001	0.000	0.000	0.005
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.009	ND	ND	ND	0.000	0.000	ND	ND	ND	ND	0.000	ND	0.000	0.000	0.000
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND
	HQ_SOIL	0.009	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	0.000	0.000
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.482	0.067	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.001	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	SWMU													
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND
	HQ_SOIL	0.052	0.592	ND	ND	0.000	0.000	0.001	0.004	0.000	ND	0.001	ND	ND	0.001	0.006

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

'No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	SWMU													
		RSA	19	20	21	22	23	25	26	27	28	29	30	31	32
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	ND	ND	ND	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.018	ND	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND	0.000
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.024	ND	0.000	0.000	ND	0.000	0.000	ND	ND	ND	ND	0.000	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.025	0.000	0.000	0.000	ND	0.000	0.000	0.001	0.000	0.000	0.000	0.002	ND	0.000
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	0.000	0.000	0.000	ND	ND	ND	ND	0.000	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.275	0.000	0.001	0.001	0.000	0.000	0.001	0.013	0.001	0.000	0.004	0.015	ND	0.000

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	SWMU													
		RSA	19	20	21	22	23	25	26	27	28	29	30	31	32
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	ND	0.000	ND	0.000
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.331	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.791	0.001	0.001	0.000	0.000	0.000	0.003	ND	ND	ND	ND	0.008	ND	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.017	ND	ND	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	SWMU													
		RSA	19	20	21	22	23	25	26	27	28	29	30	31	32
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.042	0.000	0.003	0.001	0.000	0.000	0.001	0.004	0.000	0.000	0.000	0.002	0.000	0.000
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	0.000	0.000	ND	0.000	ND	ND	ND	0.000	ND	ND	0.000	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.482	ND	0.002	0.000	ND	ND	ND	0.006	0.000	0.001	ND	ND	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.001	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	SWMU													
		RSA	19	20	21	22	23	25	26	27	28	29	30	31	32
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.052	0.003	0.001	0.000	0.000	0.000	0.000	0.014	0.000	ND	0.001	0.001	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	SWMU RSA	34	35	36	37	38	40	42	45	46	47
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	0.000	ND	ND	0.000	0.000	0.000	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.018	0.000	0.001	0.000	ND	ND	0.000	0.001	0.000	0.000	ND
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	0.000	ND	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.024	ND	ND	0.000	ND	ND	0.001	0.024	ND	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.025	0.000	0.000	ND	0.000	0.000	0.000	0.005	0.000	0.000	ND
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	ND	ND	ND	ND	ND	0.000	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	0.000	ND	ND	0.000	0.000	0.000	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.275	0.000	ND	0.000	ND	ND	0.003	0.023	0.002	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	SWMU										
		RSA	34	35	36	37	38	40	42	45	46	47
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	0.000	0.000	ND	0.000	0.000	0.018	0.000	0.000	ND
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	ND	ND	ND	ND	0.003	0.001	ND	ND
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.331	ND	ND	ND	0.000	ND	ND	0.009	0.000	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	0.007	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.791	ND	0.007	0.001	ND	ND	0.009	0.015	ND	0.000	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.017	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	SWMU										
		RSA	34	35	36	37	38	40	42	45	46	47
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.010	0.000	ND	ND	ND	ND	0.000	0.000	0.000	0.000	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.042	0.000	0.001	0.000	0.000	0.000	0.002	0.200	0.001	0.000	0.000
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.009	ND	ND	ND	0.000	0.000	ND	0.000	0.000	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.482	0.000	ND	ND	ND	0.000	ND	0.039	0.004	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.002
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	SWMU										
		RSA	34	35	36	37	38	40	42	45	46	47
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.052	0.000	0.001	0.000	0.000	ND	0.001	0.015	0.001	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic)

Receptor Group	Bald eagle Pathway	SWMU															
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15	19
135TNB	HQ_DIET**	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	ND	ND	0.000	ND	0.000	ND	0.000	ND	0.000	ND	ND	0.000	0.000	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND
	HQ_SOIL	0.018	ND	ND	ND	ND	0.000	0.000	0.001	0.000	ND	0.000	0.000	ND	0.000	0.001	ND
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	0.000	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND
	HQ_SOIL	0.024	0.012	ND	ND	ND	0.000	0.000	0.001	0.000	ND	0.000	ND	ND	0.000	0.001	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.025	0.029	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	0.002	0.003	0.000
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	ND	0.000	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND
	HQ_SOIL	0.275	0.023	ND	ND	0.000	0.000	0.002	0.006	0.000	ND	0.001	ND	0.001	0.003	0.083	0.000

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	SWMU															
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15	19
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.152	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	0.003	ND	ND	0.000	0.003	0.000
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
DIOXIN_FURA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.331	ND	0.000	0.000	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	ND	0.002	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND
	HQ_SOIL	0.791	0.094	ND	ND	ND	0.000	0.007	0.019	0.001	ND	0.004	ND	ND	ND	0.028	0.001
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	0.000	0.000	0.000	ND	0.000	ND	0.000	ND	0.000	0.000	0.000	ND
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND
	HQ_SOIL	0.017	ND	ND	ND	ND	0.000	ND	0.000	ND	ND	0.000	ND	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	SWMU															
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15	19
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND
	HQ_SOIL	0.010	0.001	ND	ND	ND	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	0.000	0.000	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND
	HQ_SOIL	0.042	0.367	0.000	ND	0.000	0.000	0.009	0.001	0.003	ND	0.005	0.001	0.000	0.000	0.005	0.000
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	ND	ND	ND	0.000	0.000	ND	ND	ND	ND	0.000	ND	0.000	0.000	0.000	0.000
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	0.000	0.000	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.482	0.067	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	SWMU															
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15	19
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND
	HQ_SOIL	0.052	0.592	ND	ND	0.000	0.000	0.001	0.004	0.000	ND	0.001	ND	ND	0.001	0.006	0.003

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

[a]No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	SWMU													
		RSA	20	21	22	23	25	26	27	28	29	30	31	32	34
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	0.000	0.000	0.000	0.000	0.000	ND	ND	ND	ND	ND	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND	0.000	0.000
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.024	0.000	0.000	ND	0.000	0.000	ND	ND	ND	ND	0.000	ND	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.025	0.000	0.000	ND	0.000	0.000	0.001	0.000	0.000	0.000	0.002	ND	0.000	0.000
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	ND	ND	0.000	ND	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.275	0.001	0.001	0.000	0.000	0.001	0.013	0.001	0.000	0.004	0.015	ND	0.000	0.000

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	SWMU													
		RSA	20	21	22	23	25	26	27	28	29	30	31	32	34
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	ND	0.000	ND	0.000	0.000
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	0.000
DIOXIN_FURA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.331	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.791	0.001	0.000	0.000	0.000	0.003	ND	ND	ND	ND	0.008	ND	ND	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	ND
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.017	ND	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	SWMU													
		RSA	20	21	22	23	25	26	27	28	29	30	31	32	34
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.042	0.003	0.001	0.000	0.000	0.001	0.004	0.000	0.000	0.000	0.002	0.000	0.000	0.000
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	0.000	ND	0.000	ND	ND	ND	0.000	ND	ND	0.000	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.482	0.002	0.000	ND	ND	ND	0.006	0.000	0.001	ND	ND	ND	ND	0.000
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.001	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	SWMU													
		RSA	20	21	22	23	25	26	27	28	29	30	31	32	34
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.052	0.001	0.000	0.000	0.000	0.000	0.014	0.000	ND	0.001	0.001	ND	ND	0.000

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	SWMU RSA	35	36	37	38	40	42	45	46	47
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	0.000	ND	ND	0.000	0.000	0.000	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.018	0.001	0.000	ND	ND	0.000	0.001	0.000	0.000	ND
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	0.000	ND	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.024	ND	0.000	ND	ND	0.001	0.024	ND	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.025	0.000	ND	0.000	0.000	0.000	0.005	0.000	0.000	ND
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	0.000	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	ND	ND	0.000	0.000	0.000	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.275	ND	0.000	ND	ND	0.003	0.023	0.002	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	SWMU RSA	35	36	37	38	40	42	45	46	47
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	0.000	ND	0.000	0.000	0.018	0.000	0.000	ND
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	0.001	0.001	ND	ND
DIOXIN_FURA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.331	ND	ND	0.000	ND	ND	0.009	0.000	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.007	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.791	0.007	0.001	ND	ND	0.009	0.015	ND	0.000	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.017	ND	ND	ND	ND	ND	0.000	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	SWMU									
		RSA	35	36	37	38	40	42	45	46	47
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.010	ND	ND	ND	ND	0.000	0.000	0.000	0.000	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.042	0.001	0.000	0.000	0.000	0.002	0.200	0.001	0.000	0.000
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.009	ND	ND	0.000	0.000	ND	0.000	0.000	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.482	ND	ND	ND	0.000	ND	0.039	0.004	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.002
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	SWMU									
		RSA	35	36	37	38	40	42	45	46	47
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.052	0.001	0.000	0.000	ND	0.001	0.015	0.001	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic)

Receptor Group	Deer mouse Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
135TNB	HQ_DIET**	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.511	ND	ND	ND	ND	ND
	HQ_SOIL	0.089	54.597	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.002	ND	ND	0.016	ND	0.000	ND	0.000	ND	0.001	ND	ND	0.063	0.001
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	4.798	11.263	ND	ND	ND	ND	ND	11.774	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.059	ND	ND	ND	ND	0.011	0.195	0.178	0.065	ND	0.090	0.084	ND	0.146	0.193
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.048	0.002	ND	ND	0.032
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.181	1.615	ND	ND	ND	0.063	0.395	0.394	0.434	ND	0.249	ND	ND	0.805	0.460
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.001	ND	ND	ND	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.003	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.006	0.139	0.051	ND	0.001	0.042	0.016	0.009	ND	ND	0.137	ND	ND	0.441	0.047
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.647	0.513	ND	ND	0.070	0.359	0.521	0.749	0.814	ND	0.465	ND	ND	ND	0.867
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.027	0.042	ND	ND	0.029	0.100	0.036	0.044	0.046	ND	0.094	ND	0.025	0.325	0.527
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.098	29.900	ND	ND	0.058	0.074	0.258	0.093	1.138	ND	29.415	ND	ND	2.312	1.913
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
DIOXIN_FURA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.042	ND	0.005	0.003	ND	ND	ND	ND	ND	0.425	0.019	ND	ND	ND	0.793
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.184	0.298	ND	ND	ND	ND	0.426	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic) (continued)

Receptor Group	Deer mouse Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	14.466	31.511	ND	ND	ND	7.580	21.512	26.658	28.121	ND	72.428	ND	ND	ND	32.710
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.002	ND	ND	0.001	0.000	0.002	ND	0.001	ND	0.014	ND	0.001	0.050	0.005
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	0.046	ND	ND	ND	ND	ND	ND	ND	0.046	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.096	ND	ND	ND	ND	0.027	ND	0.213	ND	ND	0.305	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.013	0.115	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.008	0.012	ND	ND	ND	0.006	0.007	0.011	0.014	ND	0.037	ND	ND	0.026	0.008
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.026	ND	ND	ND	ND	0.003	ND	ND	ND	ND	0.001	0.095	0.001	0.031	1.362
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.175	27.964	0.181	ND	0.018	0.532	6.363	0.294	33.365	ND	22.438	0.472	0.077	1.572	1.225
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	0.000	0.000	ND	ND	ND	ND	0.006	ND	0.001	0.006	0.000
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.081	12.595	ND	ND	ND	ND	ND	ND	ND	9.840	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.022	0.532	ND	ND	ND	0.022	ND	ND	1.208	ND	3.256	ND	ND	ND	0.504
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.040	ND	ND	ND	0.010	ND	ND	ND	ND	ND	0.085	ND	ND	0.432	0.064
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	5.061	2.503	ND	ND	ND	1.260	ND	ND	ND	ND	ND	ND	ND	3.250	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.014	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.224	ND	ND	ND	ND	ND	0.350	0.469	0.455	ND	ND	ND	ND	ND	0.486

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic) (continued)

Receptor Group	Deer mouse Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.063	13.158	ND	ND	0.020	0.146	0.236	0.341	0.108	ND	0.979	ND	ND	1.641	0.450

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

'No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic) (continued)

Receptor Group	Deer mouse Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.089	ND	ND	66.767	27.423	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.262
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.001	0.000	0.000	0.003	0.000	ND	ND	ND	ND	ND	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	4.798	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.862	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.059	ND	0.047	0.022	0.012	0.136	0.109	0.055	0.111	0.133	0.114	0.066	ND	0.010	0.008
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.181	ND	1.126	2.141	ND	0.242	0.296	ND	ND	ND	ND	0.430	ND	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.006	0.025	0.092	0.733	ND	0.059	0.023	0.041	0.140	0.069	0.006	0.071	ND	0.004	0.002
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.647	ND	ND	0.168	0.055	0.556	0.449	ND	ND	ND	ND	0.596	ND	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.027	0.034	0.067	0.682	0.004	0.174	0.066	0.134	0.545	0.051	0.092	0.232	ND	0.007	0.004
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.098	2.318	2.819	10.953	0.009	0.273	0.460	1.569	0.230	0.114	ND	0.185	ND	0.014	0.021
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	0.010
DIOXIN_FURA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.042	ND	ND	0.371	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.184	ND	ND	0.029	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic) (continued)

Receptor Group	Deer mouse Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	14.466	37.750	16.310	15.496	2.154	22.348	67.083	ND	ND	ND	ND	23.264	ND	ND	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	0.001	0.000	ND	0.002	0.016	0.001	0.139	ND	ND	0.001	ND	ND	ND
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.096	ND	ND	0.067	ND	ND	0.140	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011	ND	ND	0.001
	HQ_SOIL	0.008	0.009	0.018	0.015	0.001	0.008	0.007	0.008	0.012	ND	ND	ND	ND	ND	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.026	0.006	0.008	0.001	ND	0.082	ND	0.019	ND	ND	0.010	ND	0.013	0.000	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.175	0.912	9.666	28.745	0.022	0.990	5.276	1.844	2.996	0.618	0.361	1.114	0.239	0.040	0.120
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.006	ND	ND	ND	ND	0.254	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.001	0.001	0.000	ND	0.000	ND	ND	ND	0.001	ND	ND	0.000	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.081	0.383	ND	0.044	2.029	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.022	ND	0.703	2.332	ND	ND	0.356	0.220	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
	HQ_SOIL	0.040	ND	ND	0.074	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.351
	HQ_SOIL	5.061	ND	2.357	2.580	ND	ND	ND	1.298	4.049	4.085	ND	ND	ND	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.121	0.047	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.224	ND	ND	ND	ND	ND	0.890	ND	ND	ND	ND	0.411	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic) (continued)

Receptor Group	Deer mouse Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.063	4.765	0.943	2.892	0.020	0.524	0.200	1.749	0.555	ND	0.246	0.277	ND	ND	0.058

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic) (continued)

Receptor Group	Deer mouse Pathway	RSA	SWMU 35	36	37	38	40	42	45	46	47
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.089	ND	ND	0.044	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	ND	ND	0.000	0.004	0.001	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	4.798	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.059	0.430	0.070	ND	ND	0.118	0.153	0.346	0.008	ND
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	1.928	ND	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.181	ND	0.427	ND	ND	0.487	15.836	ND	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.006	0.006	ND	0.007	0.003	0.012	0.113	0.045	0.005	ND
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.038	ND	ND	ND	ND	ND	0.812	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.647	0.863	0.370	ND	ND	0.449	0.650	0.566	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.027	ND	0.033	ND	ND	0.031	0.201	0.109	0.015	ND
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.098	0.107	1.447	ND	0.042	0.200	17.522	0.490	0.036	ND
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.002	ND	ND	ND	ND	0.008	0.027	ND	ND
DIOXIN_FURA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.042	ND	ND	26.907	ND	ND	11.620	0.077	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.184	ND	ND	ND	ND	ND	0.642	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.013	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic) (continued)

Receptor Group	Deer mouse Pathway	RSA	SWMU 35	36	37	38	40	42	45	46	47
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	14.466	25.889	24.189	ND	ND	17.834	24.556	ND	4.498	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	0.000	0.001	0.002	0.003	0.001	0.003
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	ND	0.101	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.096	ND	ND	ND	ND	ND	0.112	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.013	ND	ND	ND	ND	ND	ND	ND	ND	ND
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.008	ND	ND	ND	ND	0.007	0.034	0.013	0.002	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.026	ND	ND	0.074	0.003	ND	0.014	0.046	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.175	0.429	2.634	0.221	0.068	0.796	73.963	2.205	0.327	1.725
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.006	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	0.000	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	0.000	0.000	ND	0.000	0.005	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.081	ND	ND	ND	ND	18.073	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.022	ND	ND	ND	ND	ND	14.646	ND	0.015	0.386
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.040	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	5.061	ND	ND	ND	0.900	ND	7.104	4.888	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	0.091	2.874
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.224	ND	ND	ND	ND	0.393	ND	0.459	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic) (continued)

Receptor Group	Deer mouse Pathway	RSA	SWMU 35	36	37	38	40	42	45	46	47
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.063	0.141	0.303	0.663	ND	0.109	1.602	0.473	0.045	ND

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic)

Receptor Group	Mule deer Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
135TNB	HQ_DIET**	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.114	ND	ND	ND	ND
	HQ_SOIL	0.007	3.821	ND	ND	ND	ND	ND	ND	ND	0.020	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	0.000	ND	0.000	ND	0.000	ND	0.000	ND	ND	0.000	0.000
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.480	0.986	ND	ND	ND	ND	ND	0.241	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.008	ND	ND	ND	ND	0.000	0.002	0.005	0.000	ND	0.000	0.001	ND	0.000	0.006
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	0.001
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.024	0.189	ND	ND	ND	0.000	0.005	0.011	0.000	ND	0.001	ND	ND	0.002	0.015
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.016	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	0.001	0.002
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.083	0.057	ND	ND	0.000	0.000	0.006	0.020	0.001	ND	0.001	ND	ND	ND	0.028
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.002	0.003	ND	ND	0.000	0.000	0.000	0.001	0.000	ND	0.000	ND	0.000	0.000	0.011

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND
	HQ_SOIL	0.008	2.093	ND	ND	0.000	0.000	0.002	0.002	0.001	ND	0.035	ND	ND	0.003	0.038
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
DIOXIN_FURA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.270	ND	0.000	0.000	ND	ND	ND	ND	ND	0.001	0.000	ND	ND	ND	0.026
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND
	HQ_SOIL	0.015	0.021	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.045	ND	ND	ND	ND
	HQ_SOIL	1.930	3.678	ND	ND	ND	0.003	0.267	0.727	0.024	ND	0.145	ND	ND	ND	1.091
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	0.000	0.000	0.000	ND	0.000	ND	0.000	ND	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.005	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.013	ND	ND	ND	ND	0.000	ND	0.006	ND	ND	0.001	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.001	0.001	ND	ND	ND	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	0.000	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.051	ND	ND	ND	ND
	HQ_SOIL	0.003	ND	ND	ND	ND	0.000	ND	ND	ND	ND	0.000	0.001	0.000	0.000	0.045
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.023	3.254	0.000	ND	0.000	0.000	0.079	0.008	0.029	ND	0.045	0.005	0.001	0.003	0.041
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	0.000	0.000	ND	ND	ND	ND	0.000	ND	0.000	0.000	0.000
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010	ND	ND	ND	ND
	HQ_SOIL	0.011	1.543	ND	ND	ND	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND
	HQ_SOIL	0.003	0.062	ND	ND	ND	0.000	ND	ND	0.001	ND	0.007	ND	ND	ND	0.017
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	0.001	0.002
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.607	0.263	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.006	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	ND	ND	ND	0.002	0.006	0.000	ND	ND	ND	ND	ND	0.008

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND
	HQ_SOIL	0.004	0.737	ND	ND	0.000	0.000	0.001	0.004	0.000	ND	0.001	ND	ND	0.002	0.007

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

'No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	ND	ND	0.014	0.006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	ND	ND	ND	ND	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.480	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.093	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.008	ND	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.001	ND	0.000	0.000
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	0.000	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.024	ND	0.003	0.001	ND	0.000	0.001	ND	ND	ND	ND	0.006	ND	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	ND	0.000	0.000	0.001	0.000	0.000	0.000	0.001	ND	0.000	0.000
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.083	ND	ND	0.000	0.000	0.000	0.001	ND	ND	ND	ND	0.008	ND	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.001	0.002	ND	0.000	0.000

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.008	0.002	0.005	0.002	0.000	0.000	0.000	0.019	0.000	0.000	ND	0.002	ND	0.000	0.000
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	0.000
DIOXIN_FURA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.270	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.015	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.930	0.053	0.047	0.005	0.001	0.010	0.116	ND	ND	ND	ND	0.326	ND	ND	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	ND
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.013	ND	ND	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	0.000	0.000	0.000	ND	0.000	ND	0.000	ND	ND	0.000	ND	0.000	0.000	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.023	0.001	0.028	0.010	0.000	0.000	0.009	0.037	0.001	0.001	0.004	0.016	0.000	0.000	0.000
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	ND	0.000	ND	ND	0.000	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	0.001	ND	0.000	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	ND	0.002	0.001	ND	ND	0.001	0.004	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.607	ND	0.006	0.001	ND	ND	ND	0.023	0.002	0.004	ND	ND	ND	ND	0.000
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.003	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.017	0.000	ND	0.001	0.002	ND	ND	0.000

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	RSA	SWMU 35	36	37	38	40	42	45	46	47
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	ND	ND	0.000	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	ND	ND	0.000	0.000	0.000	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.480	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.008	0.005	0.000	ND	ND	0.002	0.004	0.001	0.000	ND
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	0.004	ND	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND
	HQ_SOIL	0.024	ND	0.000	ND	ND	0.010	0.381	ND	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	ND	0.000	0.000	0.000	0.003	0.000	0.000	ND
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	0.002	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.083	0.009	0.000	ND	ND	0.009	0.015	0.002	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	ND	0.000	ND	ND	0.000	0.003	0.000	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	RSA	SWMU 35	36	37	38	40	42	45	46	47
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.008	0.001	0.001	ND	0.000	0.002	0.252	0.001	0.000	ND
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	0.000	0.000	ND	ND
DIOXIN_FURA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.270	ND	ND	0.013	ND	ND	0.278	0.000	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND
	HQ_SOIL	0.015	ND	ND	ND	ND	ND	0.009	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	1.930	0.285	0.024	ND	ND	0.357	0.590	ND	0.002	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	0.002	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.013	ND	ND	ND	ND	ND	0.003	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	RSA	SWMU 35	36	37	38	40	42	45	46	47
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	0.000	0.001	0.000	0.000	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	ND	ND	0.000	0.000	ND	0.000	0.000	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.023	0.005	0.003	0.000	0.000	0.016	1.770	0.007	0.000	0.001
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	0.000	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	0.000	ND	0.000	0.000	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	ND	ND	ND	ND	0.379	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	ND	ND	ND	ND	ND	0.351	ND	0.000	0.000
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.607	ND	ND	ND	0.000	ND	0.153	0.015	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.001
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	ND	ND	0.004	ND	0.001	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	RSA	SWMU 35	36	37	38	40	42	45	46	47
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	0.001	0.000	0.000	ND	0.001	0.018	0.001	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic)

Receptor Group	Jackrabbit Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
135TNB	HQ_DIET**	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.526	ND	ND	ND	ND
	HQ_SOIL	0.020	12.103	ND	ND	ND	ND	ND	ND	ND	0.220	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	0.000	ND	0.000	ND	0.000	ND	0.000	ND	ND	0.001	0.000
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND
	HQ_SOIL	1.064	2.497	ND	ND	ND	ND	ND	2.073	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.022	ND	ND	ND	ND	0.000	0.026	0.052	0.001	ND	0.002	0.009	ND	0.003	0.069
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	0.000	ND	ND	0.007
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND
	HQ_SOIL	0.067	0.598	ND	ND	ND	0.000	0.053	0.116	0.004	ND	0.005	ND	ND	0.017	0.165
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	0.051	0.000	ND	0.000	0.000	0.002	0.003	ND	ND	0.003	ND	ND	0.009	0.017
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.230	0.182	ND	ND	0.000	0.001	0.067	0.211	0.007	ND	0.010	ND	ND	ND	0.299
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.006	0.009	ND	ND	0.000	0.000	0.003	0.008	0.000	ND	0.001	ND	0.002	0.004	0.113

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.009	ND	ND	ND	ND
	HQ_SOIL	0.022	6.628	ND	ND	0.000	0.000	0.021	0.016	0.006	ND	0.380	ND	ND	0.029	0.412
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.747	ND	0.000	0.000	ND	ND	ND	ND	ND	0.006	0.000	ND	ND	ND	0.284
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010	ND	ND	ND	ND
	HQ_SOIL	0.041	0.066	ND	ND	ND	ND	0.034	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.210	ND	ND	ND	ND
	HQ_SOIL	5.347	11.648	ND	ND	ND	0.029	2.872	7.826	0.262	ND	1.560	ND	ND	ND	11.739
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.000	0.001	ND	ND	0.000	0.000	0.000	ND	0.000	ND	0.000	ND	0.000	0.001	0.001
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	0.017	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND
	HQ_SOIL	0.036	ND	ND	ND	ND	0.000	ND	0.063	ND	ND	0.007	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	0.032	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.003	0.004	ND	ND	ND	0.000	0.001	0.003	0.000	ND	0.001	ND	ND	0.001	0.003
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.235	ND	ND	ND	ND
	HQ_SOIL	0.010	ND	ND	ND	ND	0.000	ND	ND	ND	ND	0.000	0.010	0.000	0.001	0.486
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND
	HQ_SOIL	0.065	10.306	0.001	ND	0.000	0.002	0.847	0.086	0.310	ND	0.482	0.051	0.008	0.033	0.438
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	0.000	0.000	ND	ND	ND	ND	0.000	ND	0.000	0.000	0.000
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.048	ND	ND	ND	ND
	HQ_SOIL	0.031	4.886	ND	ND	ND	ND	ND	ND	ND	0.148	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.009	ND	ND	ND	ND
	HQ_SOIL	0.008	0.197	ND	ND	ND	0.000	ND	ND	0.011	ND	0.070	ND	ND	ND	0.181
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.030	ND	ND	ND	ND
	HQ_SOIL	0.011	ND	ND	ND	ND	0.000	ND	ND	ND	ND	0.001	ND	ND	0.007	0.017
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.683	0.832	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.062	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.050	ND	ND	ND	ND	ND	0.028	0.083	0.003	ND	ND	ND	ND	ND	0.105

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012	ND	ND	ND	ND
	HQ_SOIL	0.014	2.917	ND	ND	0.000	0.000	0.019	0.060	0.001	ND	0.013	ND	ND	0.021	0.097

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

'No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.020	ND	ND	0.151	0.062	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	ND	ND	ND	ND	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.064	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.801	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.022	ND	0.001	0.000	0.000	0.001	0.002	0.012	0.001	0.002	0.012	0.010	ND	0.000	0.000
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	0.001	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.067	ND	0.035	0.008	ND	0.001	0.006	ND	ND	ND	ND	0.065	ND	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	0.000	0.003	0.003	ND	0.000	0.000	0.009	0.001	0.001	0.001	0.011	ND	0.000	0.000
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.230	ND	ND	0.001	0.000	0.002	0.008	ND	ND	ND	ND	0.086	ND	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.006	0.000	0.001	0.002	0.000	0.000	0.001	0.017	0.002	0.000	0.006	0.021	ND	0.000	0.000

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.022	0.021	0.052	0.025	0.000	0.001	0.005	0.203	0.001	0.001	ND	0.017	ND	0.000	0.000
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	0.000
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.747	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.041	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.019	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	5.347	0.569	0.503	0.058	0.008	0.104	1.252	ND	ND	ND	ND	3.506	ND	ND	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	ND
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.036	ND	ND	0.000	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	0.000	0.001	0.000	0.000	0.000	0.000	0.002	0.000	ND	ND	0.002	ND	ND	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.010	0.000	0.000	0.000	ND	0.000	ND	0.004	ND	ND	0.001	ND	0.000	0.000	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.065	0.014	0.297	0.108	0.000	0.005	0.098	0.396	0.014	0.008	0.039	0.167	0.003	0.000	0.000
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	ND	0.000	ND	ND	0.000	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.031	0.006	ND	0.000	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.008	ND	0.022	0.009	ND	ND	0.007	0.047	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.683	ND	0.065	0.009	ND	ND	ND	0.251	0.017	0.045	ND	ND	ND	ND	0.001
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	0.003	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.050	ND	ND	ND	ND	ND	0.010	ND	ND	ND	ND	0.037	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	0.043	0.017	0.007	0.000	0.001	0.002	0.226	0.002	ND	0.016	0.025	ND	ND	0.000

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU 35	36	37	38	40	42	45	46	47
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.020	ND	ND	0.000	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	ND	ND	0.000	0.001	0.000	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.064	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND
	HQ_SOIL	0.022	0.051	0.001	ND	ND	0.025	0.040	0.012	0.000	ND
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	0.042	ND	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND
	HQ_SOIL	0.067	ND	0.005	ND	ND	0.105	4.100	ND	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	0.001	ND	0.000	0.000	0.002	0.029	0.002	0.000	ND
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.003	ND	ND	ND	ND	ND	0.017	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.230	0.098	0.004	ND	ND	0.093	0.161	0.019	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.006	ND	0.000	ND	ND	0.004	0.031	0.002	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU 35	36	37	38	40	42	45	46	47
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.022	0.008	0.009	ND	0.000	0.026	2.715	0.011	0.000	ND
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	0.002	0.001	ND	ND
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.747	ND	ND	0.135	ND	ND	2.997	0.003	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND
	HQ_SOIL	0.041	ND	ND	ND	ND	ND	0.099	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.001	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND
	HQ_SOIL	5.347	3.066	0.260	ND	ND	3.840	6.345	ND	0.017	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	ND	ND	ND	ND	0.022	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.036	ND	ND	ND	ND	ND	0.029	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU 35	36	37	38	40	42	45	46	47
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	ND	ND	ND	ND	0.001	0.009	0.000	0.000	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.010	ND	ND	0.000	0.000	ND	0.004	0.002	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.065	0.051	0.028	0.001	0.000	0.171	19.054	0.079	0.001	0.011
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	0.000	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	0.000	ND	0.000	0.000	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.031	ND	ND	ND	ND	4.084	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.008	ND	ND	ND	ND	ND	3.782	ND	0.000	0.002
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.683	ND	ND	ND	0.003	ND	1.651	0.158	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.011
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.050	ND	ND	ND	ND	0.051	ND	0.010	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU 35	36	37	38	40	42	45	46	47
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	0.010	0.002	0.002	ND	0.014	0.248	0.010	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic)

Receptor Group	Kit fox Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
135TNB	HQ_DIET**	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.190	ND	ND	ND	ND
	HQ_SOIL	0.055	2.444	ND	ND	ND	ND	ND	ND	ND	0.013	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	0.000	ND	0.000	ND	0.000	ND	0.000	ND	ND	0.000	0.000
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND
	HQ_SOIL	5.992	1.008	ND	ND	ND	ND	ND	0.246	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.099	ND	ND	ND	ND	0.000	0.002	0.005	0.000	ND	0.000	0.001	ND	0.000	0.007
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	0.000
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND
	HQ_SOIL	0.301	0.193	ND	ND	ND	0.000	0.005	0.011	0.000	ND	0.001	ND	ND	0.002	0.016
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	ND	ND	ND	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	0.017	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	0.001	0.002
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.294	0.073	ND	ND	0.000	0.000	0.008	0.025	0.001	ND	0.001	ND	ND	ND	0.035
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.022	0.002	ND	ND	0.000	0.000	0.000	0.001	0.000	ND	0.000	ND	0.000	0.000	0.009

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND
	HQ_SOIL	0.078	1.716	ND	ND	0.000	0.000	0.002	0.001	0.000	ND	0.029	ND	ND	0.002	0.031
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	3.368	ND	0.000	0.000	ND	ND	ND	ND	ND	0.001	0.000	ND	ND	ND	0.027
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND
	HQ_SOIL	0.111	0.013	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.121	ND	ND	ND	ND
	HQ_SOIL	24.046	3.754	ND	ND	ND	0.003	0.272	0.742	0.025	ND	0.148	ND	ND	ND	1.113
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	ND	ND	0.000	0.000	0.000	ND	0.000	ND	0.000	ND	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	0.005	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.160	ND	ND	ND	ND	0.000	ND	0.006	ND	ND	0.001	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.017	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.014	0.001	ND	ND	ND	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	0.000	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.138	ND	ND	ND	ND
	HQ_SOIL	0.044	ND	ND	ND	ND	0.000	ND	ND	ND	ND	0.000	0.001	0.000	0.000	0.047
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND
	HQ_SOIL	0.291	3.330	0.000	ND	0.000	0.000	0.081	0.008	0.030	ND	0.046	0.005	0.001	0.003	0.042
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	0.000	0.000	ND	ND	ND	ND	0.000	ND	0.000	0.000	0.000
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.028	ND	ND	ND	ND
	HQ_SOIL	0.142	1.579	ND	ND	ND	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND
	HQ_SOIL	0.037	0.064	ND	ND	ND	0.000	ND	ND	0.001	ND	0.007	ND	ND	ND	0.017
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.017	ND	ND	ND	ND
	HQ_SOIL	0.050	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	0.001	0.002
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	7.587	0.269	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.006	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.220	ND	ND	ND	ND	ND	0.003	0.008	0.000	ND	ND	ND	ND	ND	0.010

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	RSA	SWMU 01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND
	HQ_SOIL	0.063	0.943	ND	ND	0.000	0.000	0.002	0.006	0.000	ND	0.001	ND	ND	0.002	0.009

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.055	ND	ND	0.009	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	ND	ND	ND	ND	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	5.992	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.095	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.099	ND	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.001	ND	0.000	0.000
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	0.001	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.301	ND	0.003	0.001	ND	0.000	0.001	ND	ND	ND	ND	0.006	ND	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	0.000	0.000	0.000	ND	0.000	0.000	0.001	0.000	0.000	0.000	0.001	ND	0.000	0.000
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.294	ND	ND	0.000	0.000	0.000	0.001	ND	ND	ND	ND	0.010	ND	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.002	ND	0.000	0.000

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.078	0.002	0.004	0.002	0.000	0.000	0.000	0.015	0.000	0.000	ND	0.001	ND	0.000	0.000
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	0.000
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	3.368	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.111	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.011	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	24.046	0.054	0.048	0.006	0.001	0.010	0.119	ND	ND	ND	ND	0.333	ND	ND	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	0.000	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	ND
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.160	ND	ND	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.017	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.044	0.000	0.000	0.000	ND	0.000	ND	0.000	ND	ND	0.000	ND	0.000	0.000	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.291	0.001	0.028	0.010	0.000	0.000	0.009	0.038	0.001	0.001	0.004	0.016	0.000	0.000	0.000
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	ND	0.000	ND	ND	ND	0.000	ND	ND	0.000	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.142	0.001	ND	0.000	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.037	ND	0.002	0.001	ND	ND	0.001	0.005	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.050	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	7.587	ND	0.006	0.001	ND	ND	ND	0.024	0.002	0.004	ND	ND	ND	ND	0.000
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.220	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.003	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	RSA	SWMU 19	20	21	22	23	25	26	27	28	29	30	31	32	34
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.063	0.004	0.002	0.001	0.000	0.000	0.000	0.021	0.000	ND	0.002	0.002	ND	ND	0.000

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	RSA	SWMU 35	36	37	38	40	42	45	46	47
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.055	ND	ND	0.000	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	ND	ND	0.000	0.000	0.000	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	5.992	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND
	HQ_SOIL	0.099	0.005	0.000	ND	ND	0.002	0.004	0.001	0.000	ND
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	0.002	ND	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND
	HQ_SOIL	0.301	ND	0.000	ND	ND	0.010	0.388	ND	ND	ND
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	0.000	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	0.000	ND	0.000	0.000	0.000	0.003	0.000	0.000	ND
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	ND	ND	ND	ND	ND	0.002	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.294	0.012	0.000	ND	ND	0.011	0.019	0.002	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.022	ND	0.000	ND	ND	0.000	0.002	0.000	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	RSA	SWMU 35	36	37	38	40	42	45	46	47
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.078	0.001	0.001	ND	0.000	0.002	0.207	0.001	0.000	ND
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	0.000	0.000	ND	ND
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	3.368	ND	ND	0.013	ND	ND	0.285	0.000	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND
	HQ_SOIL	0.111	ND	ND	ND	ND	ND	0.006	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND
	HQ_SOIL	24.046	0.291	0.025	ND	ND	0.364	0.602	ND	0.002	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	ND	ND	ND	ND	0.002	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.160	ND	ND	ND	ND	ND	0.003	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.017	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	RSA	SWMU 35	36	37	38	40	42	45	46	47
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	ND	ND	0.000	0.001	0.000	0.000	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.044	ND	ND	0.000	0.000	ND	0.000	0.000	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.291	0.005	0.003	0.000	0.000	0.016	1.812	0.008	0.000	0.001
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	0.000	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.001	ND	ND	0.000	0.000	ND	0.000	0.000	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.142	ND	ND	ND	ND	0.388	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.037	ND	ND	ND	ND	ND	0.360	ND	0.000	0.000
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	7.587	ND	ND	ND	0.000	ND	0.157	0.015	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.001
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.220	ND	ND	ND	ND	0.005	ND	0.001	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	RSA	SWMU 35	36	37	38	40	42	45	46	47
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.063	0.001	0.000	0.000	ND	0.001	0.024	0.001	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds - ESA Basis

Receptor Group	Passerines Pathway	RSA	ESA-1	ESA-2
135TNB	HQ_DIET	ND[a]	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
24D	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
AG	HQ_DIET	0.056	0.054	0.057
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.023	0.023	0.023
AL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
AS	HQ_DIET	0.124	0.373	0.336
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.436	1.250	0.906
A_D	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.002	0.077	0.009
BA	HQ_DIET	0.604	3.004	1.013
	HQ_SURFWATR	ND	0.001	0.001
	HQ_SOIL	0.600	2.196	1.241
BE	HQ_DIET	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.005	0.004	0.003
BZALC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.011	0.718	0.011
CD	HQ_DIET	2.596	5.090	8.226
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.662	5.759	5.753
CLDN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.003	0.077	0.007
CO	HQ_DIET	0.001	0.001	0.001
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.005	0.006	0.004
CR_CRHEX	HQ_DIET	2.040	2.072	1.533
	HQ_SURFWATR	ND	ND	0.018
	HQ_SOIL	6.819	17.503	11.277
CU	HQ_DIET	0.957	1.786	3.008
	HQ_SURFWATR	ND	ND	0.002
	HQ_SOIL	0.225	1.136	9.712
DCB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
DDT_R	HQ_DIET	1.368	1.912	2.287
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.041	0.501	0.143
DIOXIN_FURAN	HQ_DIET	10.617	1.232	62.806
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	8.202	8.194	3.955
DN_TOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds - ESA Basis (continued)

Receptor Group	Passerines Pathway	RSA	ESA-1	ESA-2
E_I	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.246	2.443	0.360
ENDOSULFAN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.004	0.004	0.004
FE	HQ_DIET	2.203	1.818	1.568
	HQ_SURFWATR	ND	0.000	0.014
	HQ_SOIL	19.604	20.190	35.728
HG	HQ_DIET	0.033	0.039	0.038
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.010	0.029	0.053
HMX	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.004	0.042	0.007
LIN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.001	0.012	0.001
MN	HQ_DIET	0.227	0.175	0.152
	HQ_SURFWATR	ND	0.000	0.001
	HQ_SOIL	0.422	0.434	0.419
NB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
NI	HQ_DIET	0.166	0.166	0.149
	HQ_SURFWATR	ND	ND	0.001
	HQ_SOIL	0.248	0.412	0.329
NNDPA	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PB	HQ_DIET	3.565	24.415	24.849
	HQ_SURFWATR	ND	0.000	0.002
	HQ_SOIL	1.303	22.864	19.149
PCB_S	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.351	3.517	0.351
PHENOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	0.001	0.003
	HQ_SOIL	0.229	6.659	0.142
RDX	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
SB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
SE	HQ_DIET	3.350	2.606	3.207
	HQ_SURFWATR	ND	ND	0.013
	HQ_SOIL	0.248	0.414	0.351
TL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	49.233	49.233	49.233

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds - ESA Basis (continued)

Receptor Group	Passerines Pathway	RSA	ESA-1	ESA-2
TPHC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
V	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
ZN	HQ_DIET	7.303	8.804	17.260
	HQ_SURFWATR	ND	ND	0.021
	HQ_SOIL	1.277	5.047	8.056

[a]No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel - ESA Basis

Receptor Group	American Kestrel Pathway	RSA	ESA-1	ESA-2
135TNB	HQ_DIET	ND[a]	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
24D	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
AG	HQ_DIET	0.014	0.002	0.005
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.001
AL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
AS	HQ_DIET	0.025	0.014	0.030
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.025	0.012	0.020
A_D	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.001	0.000
BA	HQ_DIET	0.092	0.010	0.064
	HQ_SURFWATR	ND	0.001	0.001
	HQ_SOIL	0.034	0.021	0.027
BE	HQ_DIET	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.001	0.007	0.000
CD	HQ_DIET	0.456	0.109	0.430
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.037	0.056	0.125
CLDN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.001	0.000
CO	HQ_DIET	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
CR_CRHEX	HQ_DIET	0.458	0.072	0.089
	HQ_SURFWATR	ND	ND	0.017
	HQ_SOIL	0.386	0.171	0.245
CU	HQ_DIET	0.211	0.079	0.309
	HQ_SURFWATR	ND	ND	0.002
	HQ_SOIL	0.013	0.011	0.211
DCB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
DDT_R	HQ_DIET	0.102	0.051	0.153
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.002	0.005	0.003
DIOXIN_FURAN	HQ_DIET	3.111	0.037	7.378
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.464	0.080	0.086
DN_TOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel - ESA Basis (continued)

Receptor Group	American Kestrel Pathway	RSA	ESA-1	ESA-2
E_I	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.014	0.024	0.008
ENDOSULFAN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
FE	HQ_DIET	0.489	0.069	0.103
	HQ_SURFWATR	ND	0.000	0.013
	HQ_SOIL	1.109	0.197	0.776
HG	HQ_DIET	0.007	0.001	0.004
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.001	0.000	0.001
HMX	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
LIN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
MN	HQ_DIET	0.021	0.003	0.006
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.024	0.004	0.009
NB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
NI	HQ_DIET	0.022	0.005	0.005
	HQ_SURFWATR	ND	ND	0.001
	HQ_SOIL	0.014	0.004	0.007
NNDPA	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PB	HQ_DIET	0.212	0.224	0.540
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.015	0.045	0.083
PCB_S	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.020	0.034	0.008
PHENOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	0.001	0.003
	HQ_SOIL	0.013	0.065	0.003
RDX	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
SB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
SE	HQ_DIET	0.705	0.059	0.270
	HQ_SURFWATR	ND	ND	0.011
	HQ_SOIL	0.014	0.004	0.008
TL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	2.785	0.480	1.070

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel - ESA Basis (continued)

Receptor Group	American Kestrel Pathway	RSA	ESA-1	ESA-2
TPHC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
V	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
ZN	HQ_DIET	1.934	0.377	1.633
	HQ_SURFWATR	ND	ND	0.019
	HQ_SOIL	0.072	0.049	0.175

[a]No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl - ESA Basis

Receptor Group	Great Horned Owl Pathway	RSA	ESA-1	ESA-2
135TNB	HQ_DIET	ND[a]	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
24D	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
AG	HQ_DIET	0.008	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
AL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
AS	HQ_DIET	0.007	0.000	0.000
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.009	0.000	0.001
A_D	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
BA	HQ_DIET	0.053	0.000	0.003
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.012	0.001	0.001
BE	HQ_DIET	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
CD	HQ_DIET	0.067	0.002	0.010
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.013	0.001	0.003
CLDN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
CO	HQ_DIET	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
CR_CRHEX	HQ_DIET	0.168	0.002	0.001
	HQ_SURFWATR	ND	ND	0.002
	HQ_SOIL	0.137	0.005	0.006
CU	HQ_DIET	0.025	0.002	0.011
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.005	0.000	0.006
DCB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
DDT_R	HQ_DIET	0.030	0.001	0.003
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000
DIOXIN_FURAN	HQ_DIET	0.119	0.001	0.333
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.165	0.002	0.002
DN_TOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl - ESA Basis (continued)

Receptor Group	Great Horned Owl Pathway	RSA	ESA-1	ESA-2
E_I	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.005	0.001	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
FE	HQ_DIET	0.154	0.002	0.002
	HQ_SURFWATR	ND	0.000	0.001
	HQ_SOIL	0.395	0.005	0.021
HG	HQ_DIET	0.003	0.000	0.000
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
LIN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
MN	HQ_DIET	0.004	0.000	0.000
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.009	0.000	0.000
NB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
NI	HQ_DIET	0.002	0.000	0.000
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.005	0.000	0.000
NNDPA	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PB	HQ_DIET	0.737	0.058	0.138
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.026	0.006	0.011
PCB_S	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.007	0.001	0.000
PHENOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.005	0.002	0.000
RDX	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
SB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
SE	HQ_DIET	0.370	0.001	0.010
	HQ_SURFWATR	ND	ND	0.001
	HQ_SOIL	0.005	0.000	0.000
TL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.993	0.013	0.028

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl - ESA Basis (continued)

Receptor Group	Great Horned Owl Pathway	RSA	ESA-1	ESA-2
TPHC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
V	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
ZN	HQ_DIET	0.412	0.006	0.056
	HQ_SURFWATR	ND	ND	0.002
	HQ_SOIL	0.026	0.001	0.005

[a]No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle - ESA Basis

Receptor Group	Golden Eagle Pathway	RSA	ESA-1	ESA-2
135TNB	HQ_DIET	ND[a]	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
24D	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
AG	HQ_DIET	0.015	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000
AL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
AS	HQ_DIET	0.014	0.000	0.000
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.018	0.001	0.001
A_D	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
BA	HQ_DIET	0.106	0.001	0.005
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.024	0.001	0.001
BE	HQ_DIET	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
CD	HQ_DIET	0.124	0.003	0.019
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.025	0.003	0.006
CLDN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
CO	HQ_DIET	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
CR_CRHEX	HQ_DIET	0.336	0.004	0.001
	HQ_SURFWATR	ND	ND	0.003
	HQ_SOIL	0.275	0.009	0.013
CU	HQ_DIET	0.049	0.004	0.021
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.009	0.001	0.011
DCB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
DDT_R	HQ_DIET	0.030	0.001	0.003
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000
DIOXIN_FURAN	HQ_DIET	0.238	0.002	0.667
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.331	0.004	0.005
DN_TOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle - ESA Basis (continued)

Receptor Group	Golden Eagle Pathway	RSA	ESA-1	ESA-2
E_I	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.009	0.001	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
FE	HQ_DIET	0.309	0.004	0.004
	HQ_SURFWATR	ND	0.000	0.002
	HQ_SOIL	0.791	0.010	0.041
HG	HQ_DIET	0.006	0.000	0.000
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
LIN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
MN	HQ_DIET	0.009	0.000	0.000
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.017	0.000	0.000
NB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
NI	HQ_DIET	0.005	0.000	0.000
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.010	0.000	0.000
NNDPA	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PB	HQ_DIET	1.181	0.093	0.221
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.042	0.009	0.018
PCB_S	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.014	0.002	0.000
PHENOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	0.000	0.001
	HQ_SOIL	0.009	0.003	0.000
RDX	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
SB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
SE	HQ_DIET	0.688	0.002	0.018
	HQ_SURFWATR	ND	ND	0.002
	HQ_SOIL	0.009	0.000	0.000
TL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	2.482	0.032	0.071

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle - ESA Basis (continued)

Receptor Group	Golden Eagle Pathway	RSA	ESA-1	ESA-2
TPHC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
V	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
ZN	HQ_DIET	0.824	0.011	0.113
	HQ_SURFWATR	ND	ND	0.003
	HQ_SOIL	0.052	0.003	0.009

[a]No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle - ESA Basis

Receptor Group	Bald Eagle Pathway	RSA	ESA-1	ESA-2
135TNB	HQ_DIET	ND[a]	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
24D	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
AG	HQ_DIET	0.015	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000
AL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
AS	HQ_DIET	0.014	0.000	0.000
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.018	0.001	0.001
A_D	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
BA	HQ_DIET	0.106	0.001	0.005
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.024	0.001	0.001
BE	HQ_DIET	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
CD	HQ_DIET	0.124	0.003	0.019
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.025	0.003	0.006
CLDN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
CO	HQ_DIET	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
CR_CRHEX	HQ_DIET	0.336	0.004	0.001
	HQ_SURFWATR	ND	ND	0.003
	HQ_SOIL	0.275	0.009	0.013
CU	HQ_DIET	0.049	0.004	0.021
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.009	0.001	0.011
DCB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
DDT_R	HQ_DIET	0.012	0.000	0.001
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
DIOXIN_FURAN	HQ_DIET	0.238	0.002	0.667
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.331	0.004	0.005
DN_TOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle - ESA Basis (continued)

Receptor Group	Bald Eagle Pathway	RSA	ESA-1	ESA-2
E_I	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.009	0.001	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
FE	HQ_DIET	0.309	0.004	0.004
	HQ_SURFWATR	ND	0.000	0.002
	HQ_SOIL	0.791	0.010	0.041
HG	HQ_DIET	0.006	0.000	0.000
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
LIN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
MN	HQ_DIET	0.009	0.000	0.000
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.017	0.000	0.000
NB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
NI	HQ_DIET	0.005	0.000	0.000
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.010	0.000	0.000
NNDPA	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PB	HQ_DIET	1.181	0.093	0.221
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.042	0.009	0.018
PCB_S	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.014	0.002	0.000
PHENOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	0.000	0.001
	HQ_SOIL	0.009	0.003	0.000
RDX	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
SB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
SE	HQ_DIET	0.688	0.002	0.018
	HQ_SURFWATR	ND	ND	0.002
	HQ_SOIL	0.009	0.000	0.000

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle - ESA Basis (continued)

Receptor Group	Bald Eagle Pathway	RSA	ESA-1	ESA-2
TL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	2.482	0.032	0.071
TPHC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
V	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
ZN	HQ_DIET	0.824	0.011	0.113
	HQ_SURFWATR	ND	ND	0.003
	HQ_SOIL	0.052	0.003	0.009

[a]No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse - ESA Basis

Receptor Group	Deer Mouse Pathway	RSA	ESA-1	ESA-2
135TNB	HQ_DIET	ND[a]	ND	ND
	HQ_SOIL	ND	ND	ND
246TNT	HQ_DIET	11.624	6.589	9.825
	HQ_SOIL	0.089	0.089	0.089
24D	HQ_DIET	1.616	0.976	0.916
	HQ_SOIL	ND	ND	ND
AG	HQ_DIET	0.002	0.001	0.002
	HQ_SOIL	0.000	0.000	0.000
AL	HQ_DIET	2.720	1.720	2.274
	HQ_SOIL	4.798	4.889	4.256
AS	HQ_DIET	0.083	0.312	0.278
	HQ_SOIL	0.059	0.170	0.123
A_D	HQ_DIET	ND	ND	ND
	HQ_SOIL	0.001	0.048	0.006
BA	HQ_DIET	0.723	5.735	1.212
	HQ_SOIL	0.181	0.664	0.375
BE	HQ_DIET	0.000	0.000	0.000
	HQ_SOIL	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND
	HQ_SOIL	0.000	0.004	0.000
CD	HQ_DIET	0.145	0.283	0.418
	HQ_SOIL	0.006	0.056	0.056
CLDN	HQ_DIET	ND	ND	ND
	HQ_SOIL	0.001	0.025	0.003
CO	HQ_DIET	0.487	0.604	0.477
	HQ_SOIL	0.647	0.720	0.569
CR_CRHEX	HQ_DIET	0.034	0.036	0.038
	HQ_SOIL	0.027	0.070	0.045
CU	HQ_DIET	2.400	3.096	3.790
	HQ_SOIL	0.098	0.494	4.220
DCB	HQ_DIET	ND	ND	ND
	HQ_SOIL	0.000	0.021	0.000
DDT_R	HQ_DIET	0.004	0.006	0.007
	HQ_SOIL	0.000	0.000	0.000
DIOXIN_FURAN	HQ_DIET	19.852	4.237	75.435
	HQ_SOIL	2.042	2.044	0.984
DN_TOL	HQ_DIET	ND	ND	ND
	HQ_SOIL	0.184	0.433	0.184
E_I	HQ_DIET	ND	ND	ND
	HQ_SOIL	0.000	0.001	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND
	HQ_SOIL	ND	ND	ND
FE	HQ_DIET	7.285	5.253	6.188
	HQ_SOIL	14.466	14.898	26.364
HG	HQ_DIET	0.012	0.018	0.016
	HQ_SOIL	0.001	0.003	0.005
HMX	HQ_DIET	ND	ND	ND
	HQ_SOIL	0.004	0.004	0.004
H_HE	HQ_DIET	ND	ND	ND
	HQ_SOIL	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND
	HQ_SOIL	ND	ND	ND
MN	HQ_DIET	0.308	0.232	0.223
	HQ_SOIL	0.096	0.099	0.095
NB	HQ_DIET	ND	ND	ND
	HQ_SOIL	0.013	0.013	0.013
NI	HQ_DIET	0.035	0.032	0.032
	HQ_SOIL	0.008	0.014	0.011

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse - ESA Basis (continued)

Receptor Group	Deer Mouse Pathway	RSA	ESA-1	ESA-2
NNDPA	HQ_DIET	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
PAH	HQ_DIET	0.003	0.014	0.011
	HQ_SOIL	0.026	1.197	2.890
PB	HQ_DIET	0.236	3.625	2.848
	HQ_SOIL	0.175	3.075	2.575
PCB_S	HQ_DIET	ND	ND	ND
	HQ_SOIL	0.006	0.062	0.006
PHENOL	HQ_DIET	ND	ND	ND
	HQ_SOIL	0.000	0.001	0.000
PHTLAT	HQ_DIET	ND	ND	ND
	HQ_SOIL	0.001	0.025	0.001
RDX	HQ_DIET	10.151	11.581	151.566
	HQ_SOIL	0.081	0.081	0.081
SB	HQ_DIET	0.435	0.745	0.736
	HQ_SOIL	0.022	5.752	0.330
SE	HQ_DIET	1.772	2.262	1.793
	HQ_SOIL	0.040	0.066	0.056
TL	HQ_DIET	ND	ND	ND
	HQ_SOIL	5.061	5.061	5.061
TPHC	HQ_DIET	ND	ND	ND
	HQ_SOIL	ND	ND	ND
V	HQ_DIET	0.127	0.092	0.095
	HQ_SOIL	0.224	0.281	0.245
ZN	HQ_DIET	1.745	2.195	2.691
	HQ_SOIL	0.063	0.247	0.395

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer - ESA Basis

Receptor Group	Mule deer Pathway	RSA	ESA-1	ESA-2
135TNB	HQ_DIET	ND[a]	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
246TNT	HQ_DIET	2.181	0.253	0.841
	HQ_SURFWATR	ND	ND	0.114
	HQ_SOIL	0.007	0.001	0.003
24D	HQ_DIET	0.289	0.035	0.072
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
AG	HQ_DIET	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
AL	HQ_DIET	0.304	0.047	0.150
	HQ_SURFWATR	ND	ND	0.001
	HQ_SOIL	0.480	0.100	0.194
AS	HQ_DIET	0.013	0.006	0.011
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.008	0.005	0.008
A_D	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.001	0.000
BA	HQ_DIET	0.193	0.359	0.136
	HQ_SURFWATR	ND	0.001	0.001
	HQ_SOIL	0.024	0.018	0.023
BE	HQ_DIET	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
CD	HQ_DIET	0.022	0.012	0.042
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.001	0.002	0.003
CLDN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
CO	HQ_DIET	0.054	0.024	0.030
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.083	0.019	0.033
CR_CRHEX	HQ_DIET	0.003	0.001	0.002
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.002	0.001	0.002
CU	HQ_DIET	0.152	0.036	0.109
	HQ_SURFWATR	ND	ND	0.002
	HQ_SOIL	0.008	0.008	0.154
DCB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.000	0.000	0.000
DDT_R	HQ_DIET	0.001	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
DIOXIN_FURAN	HQ_DIET	1.145	0.191	3.754
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.270	0.055	0.059
DN_TOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	0.001	0.004
	HQ_SOIL	0.015	0.007	0.007

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer - ESA Basis (continued)

Receptor Group	Mule deer Pathway	RSA	ESA-1	ESA-2
E_I	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
FE	HQ_DIET	0.976	0.171	0.494
	HQ_SURFWATR	ND	0.000	0.045
	HQ_SOIL	1.930	0.407	1.606
HG	HQ_DIET	0.002	0.000	0.001
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000
H_HE	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
MN	HQ_DIET	0.074	0.011	0.022
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.013	0.003	0.006
NB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.001
NI	HQ_DIET	0.007	0.001	0.003
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.001	0.000	0.001
NNDPA	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
PAH	HQ_DIET	0.001	0.001	0.001
	HQ_SURFWATR	ND	ND	0.051
	HQ_SOIL	0.003	0.032	0.175
PB	HQ_DIET	0.052	0.212	0.309
	HQ_SURFWATR	ND	0.000	0.001
	HQ_SOIL	0.023	0.084	0.156
PCB_S	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.001	0.001	0.000
PHENOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
PHTLAT	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.000	0.001	0.000
RDX	HQ_DIET	3.337	0.781	22.788
	HQ_SURFWATR	ND	ND	0.010
	HQ_SOIL	0.011	0.002	0.005
SB	HQ_DIET	0.090	0.027	0.072
	HQ_SURFWATR	ND	ND	0.002
	HQ_SOIL	0.003	0.157	0.020
SE	HQ_DIET	0.272	0.077	0.109
	HQ_SURFWATR	ND	ND	0.007
	HQ_SOIL	0.004	0.001	0.003
TL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.607	0.124	0.277

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer - ESA Basis (continued)

Receptor Group	Mule deer Pathway	RSA	ESA-1	ESA-2
TPHC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
V	HQ_DIET	0.008	0.001	0.004
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.014	0.004	0.007
ZN	HQ_DIET	0.055	0.018	0.082
	HQ_SURFWATR	ND	ND	0.002
	HQ_SOIL	0.004	0.003	0.012

[a]No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit - ESA Basis

Receptor Group	Jackrabbit Pathway	RSA	ESA-1	ESA-2
135TNB	HQ_DIET	ND[a]	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
246TNT	HQ_DIET	6.106	2.749	5.158
	HQ_SURFWATR	ND	ND	0.526
	HQ_SOIL	0.020	0.016	0.020
24D	HQ_DIET	0.810	0.376	0.441
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
AG	HQ_DIET	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
AL	HQ_DIET	0.680	0.410	0.737
	HQ_SURFWATR	ND	ND	0.005
	HQ_SOIL	1.064	0.863	0.943
AS	HQ_DIET	0.036	0.070	0.068
	HQ_SURFWATR	ND	0.001	0.001
	HQ_SOIL	0.022	0.050	0.046
A_D	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.008	0.001
BA	HQ_DIET	0.542	3.901	0.833
	HQ_SURFWATR	ND	0.004	0.006
	HQ_SOIL	0.067	0.196	0.139
BE	HQ_DIET	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
CD	HQ_DIET	0.063	0.135	0.257
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.002	0.016	0.020
CLDN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.004	0.001
CO	HQ_DIET	0.151	0.263	0.186
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.230	0.203	0.202
CR_CRHEX	HQ_DIET	0.008	0.008	0.011
	HQ_SURFWATR	ND	ND	0.001
	HQ_SOIL	0.006	0.012	0.010
CU	HQ_DIET	0.425	0.394	0.667
	HQ_SURFWATR	ND	ND	0.009
	HQ_SOIL	0.022	0.087	0.935
DCB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	0.001
	HQ_SOIL	0.000	0.005	0.000
DDT_R	HQ_DIET	0.003	0.002	0.003
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
DIOXIN_FURAN	HQ_DIET	3.207	2.075	23.017
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.747	0.594	0.360
DN_TOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	0.004	0.019
	HQ_SOIL	0.041	0.076	0.041

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit - ESA Basis (continued)

Receptor Group	Jackrabbit Pathway	RSA	ESA-1	ESA-2
E_I	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
FE	HQ_DIET	2.732	1.859	3.028
	HQ_SURFWATR	ND	0.002	0.210
	HQ_SOIL	5.347	4.384	9.745
HG	HQ_DIET	0.004	0.004	0.004
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.000	0.001	0.001
HMX	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.002	0.001	0.002
H_HE	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
MN	HQ_DIET	0.208	0.123	0.134
	HQ_SURFWATR	ND	0.000	0.002
	HQ_SOIL	0.036	0.029	0.035
NB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.004	0.003	0.004
NI	HQ_DIET	0.019	0.012	0.021
	HQ_SURFWATR	ND	ND	0.001
	HQ_SOIL	0.003	0.004	0.004
NNDPA	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
PAH	HQ_DIET	0.001	0.009	0.009
	HQ_SURFWATR	ND	ND	0.235
	HQ_SOIL	0.010	0.349	1.061
PB	HQ_DIET	0.145	2.310	1.895
	HQ_SURFWATR	ND	0.000	0.005
	HQ_SOIL	0.065	0.902	0.949
PCB_S	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.002	0.014	0.002
PHENOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
PHTLAT	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.000	0.007	0.000
RDX	HQ_DIET	9.344	8.488	139.735
	HQ_SURFWATR	ND	ND	0.048
	HQ_SOIL	0.031	0.025	0.031
SB	HQ_DIET	0.253	0.295	0.441
	HQ_SURFWATR	ND	ND	0.009
	HQ_SOIL	0.008	1.692	0.122
SE	HQ_DIET	0.761	0.835	0.670
	HQ_SURFWATR	ND	ND	0.030
	HQ_SOIL	0.011	0.015	0.016
TL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	1.683	1.340	1.683

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit - ESA Basis (continued)

Receptor Group	Jackrabbit Pathway	RSA	ESA-1	ESA-2
TPHC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
V	HQ_DIET	0.027	0.018	0.028
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.050	0.050	0.054
ZN	HQ_DIET	0.192	0.247	0.627
	HQ_SURFWATR	ND	ND	0.012
	HQ_SOIL	0.014	0.044	0.087

[a]No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox - ESA Basis

Receptor Group	Kit Fox Pathway	RSA	ESA-1	ESA-2
135TNB	HQ_DIET	ND[a]	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
246TNT	HQ_DIET	0.019	0.000	0.001
	HQ_SURFWATR	ND	ND	0.190
	HQ_SOIL	0.055	0.001	0.002
24D	HQ_DIET	0.318	0.005	0.012
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
AG	HQ_DIET	0.003	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
AL	HQ_DIET	2.187	0.018	0.037
	HQ_SURFWATR	ND	ND	0.003
	HQ_SOIL	5.992	0.103	0.199
AS	HQ_DIET	0.099	0.006	0.012
	HQ_SURFWATR	ND	0.001	0.001
	HQ_SOIL	0.099	0.005	0.008
A_D	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000
BA	HQ_DIET	0.814	0.008	0.056
	HQ_SURFWATR	ND	0.002	0.003
	HQ_SOIL	0.301	0.019	0.023
BE	HQ_DIET	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
CD	HQ_DIET	0.129	0.003	0.012
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.011	0.002	0.003
CLDN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000
CO	HQ_DIET	0.681	0.009	0.017
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	1.294	0.024	0.043
CR_CRHEX	HQ_DIET	0.026	0.000	0.000
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.022	0.001	0.001
CU	HQ_DIET	1.298	0.047	0.185
	HQ_SURFWATR	ND	ND	0.004
	HQ_SOIL	0.078	0.007	0.126
DCB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	0.001
	HQ_SOIL	0.001	0.000	0.000
DDT_R	HQ_DIET	0.001	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
DIOXIN_FURAN	HQ_DIET	25.399	0.241	13.690
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	3.368	0.056	0.061
DN_TOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	0.002	0.007
	HQ_SOIL	0.111	0.004	0.004

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox - ESA Basis (continued)

Receptor Group	Kit Fox Pathway	RSA	ESA-1	ESA-2
E_I	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
FE	HQ_DIET	10.595	0.145	0.217
	HQ_SURFWATR	ND	0.001	0.121
	HQ_SOIL	24.046	0.416	1.639
HG	HQ_DIET	0.014	0.000	0.001
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.001	0.000	0.000
HMX	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.007	0.000	0.000
H_HE	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
MN	HQ_DIET	0.142	0.002	0.004
	HQ_SURFWATR	ND	0.000	0.001
	HQ_SOIL	0.160	0.003	0.006
NB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.017	0.000	0.001
NI	HQ_DIET	0.022	0.000	0.000
	HQ_SURFWATR	ND	ND	0.001
	HQ_SOIL	0.014	0.000	0.001
NNDPA	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
PAH	HQ_DIET	0.002	0.000	0.000
	HQ_SURFWATR	ND	ND	0.138
	HQ_SOIL	0.044	0.034	0.182
PB	HQ_DIET	4.183	0.429	1.037
	HQ_SURFWATR	ND	0.000	0.003
	HQ_SOIL	0.291	0.086	0.160
PCB_S	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.007	0.001	0.000
PHENOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
PHTLAT	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.001	0.001	0.000
RDX	HQ_DIET	0.025	0.000	0.001
	HQ_SURFWATR	ND	ND	0.028
	HQ_SOIL	0.142	0.002	0.005
SB	HQ_DIET	0.981	0.015	0.184
	HQ_SURFWATR	ND	ND	0.005
	HQ_SOIL	0.037	0.161	0.021
SE	HQ_DIET	2.495	0.020	0.093
	HQ_SURFWATR	ND	ND	0.017
	HQ_SOIL	0.050	0.001	0.003
TL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	7.587	0.127	0.284

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox - ESA Basis (continued)

Receptor Group	Kit Fox Pathway	RSA	ESA-1	ESA-2
TPHC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
V	HQ_DIET	0.079	0.001	0.002
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.220	0.005	0.009
ZN	HQ_DIET	1.673	0.032	0.137
	HQ_SURFWATR	ND	ND	0.007
	HQ_SOIL	0.063	0.004	0.015

[a]No toxicity data or pathway data missing.

Hazard Quotients for Ecological Receptors Ingesting Surface Water at the Bomb and Shell Reconditioning Building (SWMU 23)

	Hazard Quotients								
Analyte	**Passerines**	**American Kestrel**	**Great Horned Owl**	**Golden Eagle**	**Bald Eagle**	**Deer Mouse**	**Mule Deer**	**Jackrabbit**	**Kit Fox**
Barium	5.42E-04	4.89E-04	4.48E-05	8.96E-05	8.96E-05	NA[a]	7.00E-04	3.23E-03	1.86E-03
Methylene chloride	ND[b]	ND	ND	ND	ND	NA	3.09E-04	1.43E-03	8.23E-04
Chloromethane	ND	ND	ND	ND	ND	NA	ND	ND	ND
Copper	1.38E-04	1.25E-04	1.14E-05	2.29E-05	2.29E-05	NA	1.54E-04	7.11E-04	3.29E-04
Iron	1.33E-03	1.20E-03	1.10E-04	2.20E-04	2.20E-04	NA	4.19E-03	1.94E-02	1.11E-02
Nitrate	ND	ND	ND	ND	ND	NA	ND	ND	ND
Lead	5.55E-04	1.00E-04	4.59E-05	7.35E-05	7.35E-05	NA	3.18E-04	1.47E-03	8.47E-04
Phosphate	ND	ND	ND	ND	ND	NA	ND	ND	ND
Sulfate	ND	ND	ND	ND	ND	NA	ND	ND	ND
Zinc	8.57E-04	7.73E-04	7.09E-05	1.42E-04	1.42E-04	NA	8.60E-05	4.96E-04	2.87E-04

[a]Not applicable

[b]No toxicity data or pathway data missing.

Hazard Quotients for Ecological Receptors Ingesting Surface Water at the Stormwater Discharge (SWMU 45)

	Hazard Quotients								
Analyte	**Passerines**	**American Kestrel**	**Great Horned Owl**	**Golden Eagle**	**Bald Eagle**	**Deer Mouse**	**Mule Deer**	**Jackrabbit**	**Kit Fox**
para-Cresol	ND[a]	ND	ND	ND	ND	NA[b]	2.63E-06	1.21E-05	7.00E-06
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	NA	9.38E-04	4.33E-03	1.50E-03
Arsenic	3.63E-04	3.28E-04	3.00E-05	6.00E-05	6.00E-05	NA	2.11E-04	9.75E-04	5.63E-04
Bis-2-ethylhexyl phthalat	1.28E-03	1.15E-03	1.06E-04	2.12E-04	2.12E-04	NA	2.06E-05	9.51E-05	5.49E-05
Barium	7.03E-04	6.34E-04	5.82E-05	1.16E-04	1.16E-04	NA	9.09E-04	4.20E-03	2.41E-03
Cyanide	ND	ND	ND	ND	ND	NA	ND	ND	ND
Iron	1.52E-04	1.37E-04	1.25E-05	2.51E-05	2.51E-05	NA	4.77E-04	2.20E-03	1.27E-03
Lead	7.42E-05	1.34E-05	6.13E-06	9.83E-06	9.83E-06	NA	4.24E-05	1.96E-04	1.13E-04
Toluene	ND	ND	ND	ND	ND	NA	ND	ND	ND
Manganese	9.02E-05	8.14E-05	7.46E-06	1.49E-05	1.49E-05	NA	8.76E-05	4.05E-04	2.33E-04

[a]No toxicity data or pathway data missing.

[b]Not applicable.

Hazard Quotients for Ecological Receptors Ingesting Surface Water at the Laundry Effluent Ponds (SWMU 11)

ANALYTE CODE	ANALYTE	PASSERINES	AMERICAN KESTREL	GREAT HORNED OWL	GOLDEN EAGLE	BALD EAGLE	DEER MOUSE	MULE DEER	JACKRABBIT	KIT FOX
13DCLB	1,3-Dichlorobenzene	ND[a]	ND	ND	ND	ND	NA[b]	2.11E-04	9.76E-04	5.63E-04
135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	NA	ND	ND	ND
246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	NA	1.14E-01	5.26E-01	1.90E-01
24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	NA	2.15E-03	9.94E-03	3.44E-03
26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	NA	1.92E-03	8.88E-03	3.15E-03
35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	NA	ND	ND	ND
2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	NA	8.88E-05	4.10E-04	2.40E-04
AL	Aluminum	ND	ND	ND	ND	ND	NA	1.29E-03	4.77E-03	3.44E-03
ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	NA	7.43E-04	3.43E-03	2.01E-03
ANTRC	Anthracene	ND	ND	ND	ND	ND	NA	4.39E-04	2.03E-03	1.19E-03
AS	Arsenic	3.44E-04	3.10E-04	2.84E-05	5.69E-05	5.69E-05	NA	2.00E-04	9.23E-04	5.33E-04
B2EHP	Bis(2-ethylhexyl) phthalate	3.08E-03	2.78E-03	2.55E-04	5.09E-04	5.09E-04	NA	4.96E-05	2.29E-04	1.32E-04
BA	Barium	7.53E-04	6.80E-04	6.23E-05	1.25E-04	1.25E-04	NA	9.73E-04	4.50E-03	2.58E-03
BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	NA	4.54E-03	2.10E-02	1.23E-02
BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	NA	4.00E-03	1.85E-02	1.08E-02
BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	NA	4.45E-03	2.05E-02	1.20E-02
BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	NA	4.93E-03	2.28E-02	1.34E-02
BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	NA	3.52E-03	1.63E-02	9.53E-03
BRMCIL	Bromacil	ND	ND	ND	ND	ND	NA	ND	ND	ND
CHRY	Chrysene	ND	ND	ND	ND	ND	NA	3.63E-03	1.67E-02	9.81E-03
CR	Chromium	1.84E-02	1.66E-02	1.52E-03	3.04E-03	3.04E-03	NA	1.88E-04	8.71E-04	4.02E-04
CU	Copper	1.84E-03	1.66E-03	1.52E-04	3.04E-04	3.04E-04	NA	2.05E-03	9.45E-03	4.37E-03
DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	NA	6.98E-04	3.23E-03	1.89E-03
DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	NA	ND	ND	ND
DCLB	Dichlorobenzene - nonspecif	ND	ND	ND	ND	ND	NA	7.69E-05	3.55E-04	2.05E-04
FANT	Fluoranthene	ND	ND	ND	ND	ND	NA	1.05E-02	4.87E-02	2.85E-02
FE	Iron	1.44E-02	1.30E-02	1.19E-03	2.39E-03	2.39E-03	NA	4.55E-02	2.10E-01	1.21E-01
FLRENE	Fluorene	ND	ND	ND	ND	ND	NA	6.87E-04	3.17E-03	1.86E-03
HG	Mercury	1.93E-04	1.74E-04	1.60E-05	3.20E-05	3.20E-05	NA	5.87E-05	2.71E-04	1.57E-04
ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	NA	1.97E-03	9.11E-03	5.27E-03
MN	Manganese	5.03E-04	4.54E-04	4.16E-05	8.33E-05	8.33E-05	NA	4.89E-04	2.26E-03	1.30E-03
NAP	Naphthalene	ND	ND	ND	ND	ND	NA	1.13E-04	5.24E-04	3.07E-04
NI	Nickel	1.30E-03	1.17E-03	1.07E-04	2.14E-04	2.14E-04	NA	1.88E-04	8.70E-04	5.03E-04
PHANTR	Phenanthrene	ND	ND	ND	ND	ND	NA	3.66E-03	1.69E-02	9.90E-03
PB	Lead	2.06E-03	3.72E-04	1.70E-04	2.73E-04	2.73E-04	NA	1.18E-03	5.45E-03	3.14E-03
PYR	Pyrene	ND	ND	ND	ND	ND	NA	6.91E-03	3.19E-02	1.87E-02
RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	NA	1.05E-02	4.83E-02	2.79E-02
SB	Antimony	ND	ND	ND	ND	ND	NA	1.90E-03	8.79E-03	5.08E-03
SE	Selenium	1.27E-02	1.14E-02	1.05E-03	1.95E-03	1.95E-03	NA	6.51E-03	3.01E-02	1.74E-02
ZN	Zinc	2.07E-02	1.86E-02	1.71E-03	3.42E-03	3.42E-03	NA	2.07E-03	1.20E-02	6.91E-03

[a]No toxicity data or pathway data missing.
[b]Not applicable.

SUPPORT INFORMATION NOT INCLUDED IN TEXT

Summary of Cterm Values Used to Calculate Dietary Component HQs For SWMUs Where Jackrabbit Data Were Missing

Analyte (mg/kg)	SWMU 1b	SWMU 1c	SWMU 10	SWMU 11	SWMU 12	SWMU 15	SWMU 21	SWMU 37	SWMU 42	SWMU 45	RSA
Al	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	NA[ω]	NA
Ag	0.1855	0.1855	0.1855	0.1855	0.1855	0.1855	0.1855	0.1855	0.1855	NA	NA
As	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	NA	NA
Ba	1.59E+01	1.74E+01	6.55E+00	1.92E+01	1.63E+01	1.94E+01	3.21E+01	7.04E+00	3.89E+01	NA	NA
Be	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	NA	NA
Cd	5.73E-01	9.84E-02	9.84E-02	3.51E-01	9.84E-02	5.04E-01	1.76E+00	9.84E-02	6.80E-01	NA	NA
Co	0.00261	0.00261	0.00261	0.00261	0.00261	0.00261	0.00261	0.00261	0.00261	NA	NA
Cr	0.0498	0.0498	0.0498	0.0498	0.0498	0.0498	0.0498	0.0498	0.0498	NA	NA
Cu	2.99E+00	2.23E+00	8.74E-01	2.85E+01	2.27E+00	2.39E+02	4.25E+01	1.46+00	1.43E+01	NA	NA
Fe	47.65	47.65	47.65	47.65	47.65	47.65	47.65	47.65	47.65	NA	NA
Hg	4.62E-03	4.62E-03	7.41E-03	1.50E-02	4.62E-03	5.77E-02	7.65E-03	4.62E-03	1.10E-02	NA	NA
Mn	0.268	0.268	0.268	0.268	0.268	0.268	0.268	0.268	0.268	NA	NA
Ni	0.0496	0.0496	0.0496	0.0496	0.0496	0.0496	0.0496	0.0496	0.0496	NA	NA
Pb	1.22E+01	6.98E+00	1.84E+00	7.40E+02	3.50E+01	6.44E+01	2.21E+02	2.92E+00	2.14E+02	NA	NA
Se	3.84E-01	3.84E-01	3.84E-01	3.84E-01	3.84E-01	6.72E-01	3.84E-01	3.84E-01	5.37E-01	NA	NA
Sb	3.73E-01	3.73E-01	3.73E-01	1.16E+01	1.04E+00	3.97E+00	9.79E+00	3.73E-01	9.38E+01	NA	NA
V	0.0277	0.0277	0.0277	0.0277	0.0277	0.0277	0.0277	0.0277	0.0277	NA	NA
Zn	5.58E+00	3.06E+00	1.46E+01	5.60E+02	3.50E+01	1.85E+02	2.01E+01	2.87E+00	4.47E+00	NA	NA
ppDDE	2.24E-03	2.24E-03	2.24E-03	2.24E-03	2.24E-03	1.72E-02	2.24E-03	2.24E-03	2.60E-03	NA	NA
ppDDT	7.74E-03	7.74E-03	7.74E-03	7.74E-03	7.74E-03	9.32E-02	7.74E-03	7.74E-03	1.19E-02	NA	NA
THPCDD/ 1,2,3,4,6,7,8-HpCDD	2.65E-07	1.88E-07	1.49E-07	6.97E-07	2.66E-07	7.47E-06	3.98E-07	2.46E-05	3.44E-06	NA	NA
OCDD	7.67E-06	2.10E-06	4.06E-07	2.10E-05	9.82E-07	1.29E-04	1.01E-05	9.22E-05	1.76E-05	NA	NA
TTCDD/ 2,3,7,8-TCDD	1.34E-07	1.43E-07	3.04E-07	7.35E-08	1.11E-07	4.03E-07	2.25E-07	2.82E-07	2.03E-07	NA	NA

Summary of Cterm Values Used to Calculate Dietary Component HQs For SWMUs Where Jackrabbit Data Were Missing (continued)

Analyte (mg/kg)	SWMU 1b	SWMU 1c	SWMU 10	SWMU 11	SWMU 12	SWMU 15	SWMU 21	SWMU 37	SWMU 42	SWMU 45	RSA
TTCDF/ 2,3,7,8-TCDF	8.03E-08	7.22E-08	5.22E-08	1.03E-07	6.95E-08	7.53E-08	1.42E-07	1.24E-07	8.75E-08	NA	NA
All other dioxins/furans ("worst case" value)	5.82E-05	5.82E-05	5.82E-05	5.82E-05	5.82E-05	5.82E-05	5.82E-05	5.82E-05	5.82E-05	NA	NA
RDX/246TNT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAHs[b]	0.00303	0.00303	0.00303	0.00303	0.00303	0.00303	0.00303	0.00303	0.00303	NA	NA
2,4-D	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	NA	NA

Note—. Cterm value for jackrabbit = $Cterm_x$

[a]Not applicable - data available from actual chemical analysis or modeled.

[b]PAHs in biota include benzo(a)anthracene, benzo(k)fluoranthene, chrysene, fluoranthene, phenanthrene and pyrene.

Summary of Cterm Values Used to Calculate Dietary Component HQs For SWMUs Where Invertebrate Data (Beetles and Grasshoppers) Were Missing

Analyte (mg/kg)	SWMU 1b	SWMU 1c	SWMU 10	SWMU 11	SWMU 12	SWMU 15	SWMU 21	SWMU 37	SWMU 42	SWMU 45	RSA
RDX	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064
246TNT	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188
Benzo(a) anthracene	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
Benzo(k) fluoranthene	0.00055	0.00055	0.00055	0.00055	0.00055	0.00055	0.00055	0.00055	0.00055	0.00055	0.00055
Chrysene	0.00065	0.00065	0.00065	0.00065	0.00065	0.00065	0.00065	0.00065	0.00065	0.00065	0.00065
Fluoranthene	0.00145	0.00145	0.00145	0.00145	0.00145	0.00145	0.00145	0.00145	0.00145	0.00145	0.00145
Phenanthrene	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Pyrene	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
2,4-D	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085

Note.— MDL values for invertebrates were based on analysis of grasshoppers; however the 1/2 MDL values were also used for beetles.
Note.— Cterm for beetle = $Cterm_{beetle}$ and Cterm for grasshopper = $Cterm_{gh}$.

Summary of Cterm Values Used to Calculate Dietary Component HQs For ESAs Where Invertebrate Data (Beetles and Grasshoppers) and Jackrabbit Data Were Missing (ESA Basis)

ESA	Matrix	Chemclass	Analyte	Cterm (mg/kg)	Comment
ESA-2	Jackrabbit	DIOXIN	234678-HXCDF	5.82E-05	WC [a]
	Jackrabbit	DIOXIN	23478-PECDF	5.82E-05	WC
	Jackrabbit	DIOXIN	1234678-HPCDD	4.25E-06	Mod_Avg [b]
	Jackrabbit	DIOXIN	1234678-HPCDF	5.82E-05	WC
	Jackrabbit	DIOXIN	123678-HXCDD	5.82E-05	WC
	Jackrabbit	DIOXIN	123678-HXCDF	5.82E-05	WC
	Jackrabbit	DIOXIN	1234789-HPCDF	5.82E-05	WC
	Jackrabbit	DIOXIN	123789-HXCDD	5.82E-05	WC
	Jackrabbit	DIOXIN	123789-HXCDF	5.82E-05	WC
	Jackrabbit	DIOXIN	123478-HXCDD	5.82E-05	WC
	Jackrabbit	DIOXIN	123478-HXCDF	5.82E-05	WC
	Jackrabbit	DIOXIN	12378-PECDD	5.82E-05	WC
	Jackrabbit	DIOXIN	12378-PECDF	5.82E-05	WC
	Jackrabbit	DIOXIN	OCDD	3.29E-05	Mod_Avg
	Jackrabbit	DIOXIN	OCDF	5.82E-05	WC
	Jackrabbit	DIOXIN	2378-TCDD	2.09E-07	Mod_Avg
	Jackrabbit	DIOXIN	2378-TCDF	8.98E-08	Mod_Avg
	Jackrabbit	DIOXIN	TOTAL HXCDD	5.82E-05	WC
	Jackrabbit	DIOXIN	TOTAL HXCDF	5.82E-05	WC
	Jackrabbit	DIOXIN	TOTAL HPCDD	4.25E-06	Mod_Avg
	Jackrabbit	DIOXIN	TOTAL HPCDF	5.82E-05	WC
	Jackrabbit	DIOXIN	TOTAL PECDD	5.82E-05	WC
	Jackrabbit	DIOXIN	TOTAL PECDF	5.82E-05	WC
	Jackrabbit	DIOXIN	TOTAL TCDD	2.09E-07	Mod_Avg
	Jackrabbit	DIOXIN	TOTAL TCDF	8.98E-08	Mod_Avg
	Beetle	EXPLOSIVES	246TNT	1.88E-02	1/2 MDL [c]
	Beetle	EXPLOSIVES	RDX	6.40E-03	1/2 MDL
	Grasshopper	EXPLOSIVES	246TNT	1.88E-02	1/2 MDL
	Grasshopper	EXPLOSIVES	RDX	6.40E-03	1/2 MDL
	Jackrabbit	EXPLOSIVES	246TNT	0.0	M [d]
	Jackrabbit	EXPLOSIVES	RDX	0.0	M
	Beetle	HERBICIDE	24D	8.50E-02	1/2 MDL
	Grasshopper	HERBICIDE	24D	8.50E-02	1/2 MDL
	Jackrabbit	HERBICIDE	24D	6.00E-01	1/2 MDL
	Jackrabbit	PESTICIDES	PPDDE	4.11E-03	Mod_Avg
	Jackrabbit	PESTICIDES	PPDDT	1.84E-02	Mod_Avg
	Jackrabbit	METALS	AG	1.86E-01	1/2 MDL
	Jackrabbit	METALS	AL	4.33E+00	1/2 MDL
	Jackrabbit	METALS	AS	1.34E-01	1/2 MDL
	Jackrabbit	METALS	BA	1.67E+01	Mod_Avg
	Jackrabbit	METALS	BE	1.30E-03	1/2 MDL
	Jackrabbit	METALS	CD	4.48E-01	Mod_Avg
	Jackrabbit	METALS	CO	2.61E-03	1/2 MDL
	Jackrabbit	METALS	CR	4.98E-02	1/2 MDL
	Jackrabbit	METALS	CU	4.00E+01	Mod_Avg
	Jackrabbit	METALS	FE	4.77E+01	1/2 MDL
	Jackrabbit	METALS	HG	1.33E-02	Mod_Avg
	Jackrabbit	METALS	MN	2.68E-01	1/2 MDL
	Jackrabbit	METALS	NI	4.96E-02	1/2 MDL

Summary of Cterm Values Used to Calculate Dietary Component HQs For ESAs Where Invertebrate Data (Beetles and Grasshoppers) and Jackrabbit Data Were Missing (ESA Basis) (continued)

ESA	Matrix	Chemclass	Analyte	Cterm (mg/kg)	Comment
ESA-2 (cont.)	Jackrabbit	METALS	PB	1.36E+02	Mod_Avg
	Jackrabbit	METALS	SB	3.49E+00	Mod_Avg
	Jackrabbit	METALS	SE	4.20E-01	Mod_Avg
	Jackrabbit	METALS	V	2.77E-02	1/2 MDL
	Jackrabbit	METALS	ZN	1.03E+02	Mod_Avg
	Beetle	PAH	BENZO(A)ANTHRACENE	6.00E-04	1/2 MDL
	Beetle	PAH	BENZO(K)FLUORANTHENE	5.50E-04	1/2 MDL
	Beetle	PAH	CHRYSENE	6.50E-04	1/2 MDL
	Beetle	PAH	FLUORANTHENE	1.45E-03	1/2 MDL
	Beetle	PAH	PHENANTHRENE	1.70E-03	1/2 MDL
	Beetle	PAH	PYRENE	6.00E-04	1/2 MDL
	Grasshopper	PAH	BENZO(A)ANTHRACENE	6.00E-04	1/2 MDL
	Grasshopper	PAH	BENZO(K)FLUORANTHENE	5.50E-04	1/2 MDL
	Grasshopper	PAH	CHRYSENE	6.50E-04	1/2 MDL
	Grasshopper	PAH	FLUORANTHENE	1.45E-03	1/2 MDL
	Grasshopper	PAH	PHENANTHRENE	1.70E-03	1/2 MDL
	Grasshopper	PAH	PYRENE	6.00E-04	1/2 MDL
	Jackrabbit	PAH	BENZO(A)ANTHRACENE	3.03E-03	1/2 MDL
	Jackrabbit	PAH	BENZO(K)FLUORANTHENE	3.03E-03	1/2 MDL
	Jackrabbit	PAH	CHRYSENE	3.03E-03	1/2 MDL
	Jackrabbit	PAH	FLUORANTHENE	3.03E-03	1/2 MDL
	Jackrabbit	PAH	PHENANTHRENE	3.03E-03	1/2 MDL
	Jackrabbit	PAH	PYRENE	3.03E-03	1/2 MDL
ESA-1	Beetle	PAH	BENZO(A)ANTHRACENE	6.00E-04	1/2 MDL
	Beetle	PAH	BENZO(K)FLUORANTHENE	5.50E-04	1/2 MDL
	Beetle	PAH	CHRYSENE	6.50E-04	1/2 MDL
	Beetle	PAH	FLUORANTHENE	1.45E-03	1/2 MDL
	Beetle	PAH	PHENANTHRENE	1.70E-03	1/2 MDL
	Beetle	PAH	PYRENE	6.00E-04	1/2 MDL
	Grasshopper	PAH	BENZO(A)ANTHRACENE	6.00E-04	1/2 MDL
	Grasshopper	PAH	BENZO(K)FLUORANTHENE	5.50E-04	1/2 MDL
	Grasshopper	PAH	CHRYSENE	6.50E-04	1/2 MDL
	Grasshopper	PAH	FLUORANTHENE	1.45E-03	1/2 MDL
	Grasshopper	PAH	PHENANTHRENE	1.70E-03	1/2 MDL
	Grasshopper	PAH	PYRENE	6.00E-04	1/2 MDL
	Beetle	EXPLOSIVES	246TNT	1.88E-02	1/2 MDL
	Beetle	EXPLOSIVES	RDX	6.40E-03	1/2 MDL
	Grasshopper	EXPLOSIVES	246TNT	1.88E-02	1/2 MDL
	Grasshopper	EXPLOSIVES	RDX	6.40E-03	1/2 MDL
	Jackrabbit	EXPLOSIVES	246TNT	0.0	M
	Jackrabbit	EXPLOSIVES	RDX	0.0	M
	Beetle	HERBICIDE	24D	8.50E-02	1/2 MDL
	Grasshopper	HERBICIDE	24D	8.50E-02	1/2 MDL
RSA	Beetle	PAH	BENZO(A)ANTHRACENE	6.00E-04	1/2 MDL
	Beetle	PAH	BENZO(K)FLUORANTHENE	5.50E-04	1/2 MDL
	Beetle	PAH	CHRYSENE	6.50E-04	1/2 MDL
	Beetle	PAH	FLUORANTHENE	1.45E-03	1/2 MDL
	Beetle	PAH	PHENANTHRENE	1.70E-03	1/2 MDL
	Beetle	PAH	PYRENE	6.00E-04	1/2 MDL

Summary of Cterm Values Used to Calculate Dietary Component HQs For ESAs Where Invertebrate Data (Beetles and Grasshoppers) and Jackrabbit Data Were Missing (ESA Basis) (continued)

ESA	Matrix	Chemclass	Analyte	Cterm (mg/kg)	Comment
RSA (cont.)	Grasshopper	PAH	BENZO(A)ANTHRACENE	6.00E-04	1/2 MDL
	Grasshopper	PAH	BENZO(K)FLUORANTHENE	5.50E-04	1/2 MDL
	Grasshopper	PAH	CHRYSENE	6.50E-04	1/2 MDL
	Grasshopper	PAH	FLUORANTHENE	1.45E-03	1/2 MDL
	Grasshopper	PAH	PHENANTHRENE	1.70E-03	1/2 MDL
	Grasshopper	PAH	PYRENE	6.00E-04	1/2 MDL
	Beetle	HERBICIDE	24D	8.50E-02	1/2 MDL
	Grasshopper	HERBICIDE	24D	8.50E-02	1/2 MDL
	Beetle	EXPLOSIVES	246TNT	1.88E-02	1/2 MDL
	Beetle	EXPLOSIVES	RDX	6.40E-03	1/2 MDL
	Grasshopper	EXPLOSIVES	246TNT	1.88E-02	1/2 MDL
	Grasshopper	EXPLOSIVES	RDX	6.40E-03	1/2 MDL
	Jackrabbit	EXPLOSIVES	246TNT	0.0	M
	Jackrabbit	EXPLOSIVES	RDX	0.0	M

Note.— Cterm for beetle = $Cterm_{beetle}$ and Cterm for grasshopper = $Cterm_{gh}$; Cterm for jackrabbit = $Cterm_{jr}$.
[a]WC = Worst case scenario model Cterm value.
[b]Mod_Avg = represents the average of modeled Cterm values for SWMUs 1b, 1c, 10, 11, 12, 15, 21, and 37.
[c]1/2 MDL = Cterm value represents 1/2 the method detection limit in the biota matrix.
[d]M = Metabolized in mammalian systems, not expected to be present.

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (Dioxins/Furans)

SWMU	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10	Gumweed	123789-HxCDF	3.46E-04	6.09E-07	1.61E-08	3.21E-08	3.21E-08	3.70E-04	5.80E-07	6.31E-06	4.29E-07	ND	ND
	Rabbitbrush	123789-HxCDF	1.13E-04	1.98E-07	5.25E-09	1.05E-08	1.05E-08	1.21E-04	1 89E-07	2.06E-06	1.40E-07	ND	ND
11	Gumweed	123789-HxCDF	4.24E-04	1.12E-06	2.96E-08	5.91E-08	5.91E-08	4.54E-04	1.07E-06	1.16E-05	7.89E-07	ND	ND
	Rabbitbrush	123789-HxCDF	1.07E-04	2.84E-07	7.50E-09	1.50E-08	1.50E-08	1.15E-04	2.70E-07	2.94E-06	2 00E-07	ND	ND
12	Rabbitbrush	123789-HxCDF	1.07E-04	1.41E-06	3.73E-08	7 45E-08	7.45E-08	1.15E-04	1.35E-06	1.46E-05	9.95E-07	ND	ND
	Sweetclover	123789-HxCDF	1.19E-04	1 57E-06	4.15E-08	8.28E-08	8.28E-08	1.27E-04	1.50E-06	1.63E-05	1.11E-06	ND	ND
15	Gumweed	123789-HxCDF	5.22E-05	2.30E-06	6.07E-08	1.21E-07	1.21E-07	5.59E-05	2.19E-06	2.38E-05	1.62E-06	ND	ND
	Rabbitbrush	123789-HxCDF	1.36E-04	5.97E-06	1.58E-07	3.15E-07	3.15E-07	1.45E-04	5.69E-06	6.18E-05	4.21E-06	ND	ND
	Sweetclover	123789-HxCDF	2.05E-04	9.02E-06	2.39E-07	4.76E-07	4.76E-07	2.20E-04	8.60E-06	9.35E-05	6.36E-06	ND	ND
1b	Gumweed	123789-HxCDF	2.49E-04	1.10E-07	2.90E-09	5.79E-09	5.79E-09	2.54E-04	1.05E-07	1.14E-06	7.73E-08	ND	ND
	Rabbitbrush	123789-HxCDF	5.74E-05	2.52E-08	6.68E-10	1.33E-09	1.33E-09	5.85E-05	2.41E-08	2.62E-07	1.78E-08	ND	ND
1c	Gumweed	123789-HxCDF	3.75E-04	6.60E-06	1.75E-07	3.48E-07	3.48E-07	4.02E-04	6.29E-06	6.84E-05	4.65E-06	ND	ND
	Rabbitbrush	123789-HxCDF	7.46E-05	1.31E-06	3.47E-08	6.93E-08	6.93E-08	7.99E-05	1.25E-06	1.36E-05	9.25E-07	ND	ND
21	Gumweed	123789-HxCDF	6.20E-05	1.64E-08	4.33E-10	8.63E-10	8.63E-10	3.79E-05	1.56E-08	1.69E-07	1.15E-08	ND	ND
	Rabbitbrush	123789-HxCDF	3.54E-05	9.35E-09	2.47E-10	4.93E-10	4.93E-10	2.17E-05	8.91E-09	9.69E-08	6.59E-09	ND	ND
37	Ambrosia	123789-HxCDF	8.04E-05	4.95E-08	1.31E-09	2.61E-09	2.61E-09	8.60E-05	4.72E-08	5.13E-07	3.49E-08	ND	ND
	Rabbitbrush	123789-HxCDF	1.04E-04	6.43E-08	1.70E-09	3.39E-09	3.39E-09	1.12E-04	6.13E-08	6.66E-07	4.53E-08	ND	ND
	Sweetclover	123789-HxCDF	2.09E-04	1.29E-07	3.40E-09	6.78E-09	6.78E-09	2.23E-04	1 23E-07	1.33E-06	9.06E-08	ND	ND
42	Gumweed	123789-HxCDF	2.26E-04	7.16E-06	1.89E-07	3.77E-07	3.77E-07	2.42E-04	6.82E-06	7.42E-05	5.04E-06	ND	ND
	Rabbitbrush	123789-HxCDF	3.34E-04	1.06E-05	2.80E-07	5.58E-07	5.58E-07	3.57E-04	1.01E-05	1.10E-04	7.46E-06	ND	ND
	Sweetclover	123789-HxCDF	4.39E-04	1 39E-05	3.68E-07	7.33E-07	7.33E-07	4.70E-04	1.32E-05	1.44E-04	9.80E-06	ND	ND
45	Gumweed	123789-HxCDF	9.60E-05	4.22E-07	1.12E-08	2.23E-08	2.23E-08	1.03E-04	4.03E-07	4.38E-06	2.98E-07	ND	ND
	Jackrabbit	123789-HxCDF	1.92E-04	8.42E-07	2.23E-08	4.44E-08	4.44E-08	2.05E-04	8.03E-07	8.73E-06	5.94E-07	ND	ND
	Rabbitbrush	123789-HxCDF	8.56E-05	3.76E-07	9.96E-09	1.99E-08	1.99E-08	9 16E-05	3.59E-07	3.90E-06	2.65E-07	ND	ND
	Sweetclover	123789-HxCDF	2.29E-04	1.01E-06	2.66E-08	5.30E-08	5.30E-08	2.45E-04	9.58E-07	1.04E-05	7.09E-07	ND	ND
RSA	Gumweed	123789-HxCDF	7.04E-04	1.47E-04	5.24E-05	1.05E-04	1.05E-04	7.53E-04	1.18E-04	3.31E-04	1.07E-03	ND	ND
	Jackrabbit	123789-HxCDF	3.36E-04	7 02E-05	2.50E-05	4.99E-05	4.99E-05	3.60E-04	5.64E-05	1.58E-04	5.09E-04	ND	ND
	Rabbitbrush	123789-HxCDF	6.97E-04	1 46E-04	5.19E-05	1.04E-04	1.04E-04	7.46E-04	1.17E-04	3.27E-04	1.06E-03	ND	ND
	Sweetclover	123789-HxCDF	2.18E-04	4.56E-05	1.62E-05	3.24E-05	3.24E-05	2.34E-04	3.66E-05	1.02E-04	3.30E-04	ND	ND
10	Jackrabbit	123789-HxCDF	6.07E-02	1.07E-04	2.83E-06	5.64E-06	5.64E-06	6.50E-02	1.02E-04	1.11E-03	7.53E-05	ND	ND
11	Jackrabbit	123789-HxCDF	6.07E-02	1.60E-04	4.24E-06	8.46E-06	8.46E-06	6.50E-02	1.53E-04	1.66E-03	1.13E-04	ND	ND
12	Jackrabbit	123789-HxCDF	6.07E-02	8.01E-04	2.12E-05	4.23E-05	4.23E-05	6.50E-02	7.64E-04	8.31E-03	5.65E-04	ND	ND
15	Jackrabbit	123789-HxCDF	6.07E-02	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.50E-02	2.55E-03	2.77E-02	1.88E-03	ND	ND
21	Jackrabbit	123789-HxCDF	2.53E-02	6.68E-06	1.77E-07	3.52E-07	3.52E-07	1.55E-02	6.37E-06	6.92E-05	4.71E-06	ND	ND
37	Jackrabbit	123789-HxCDF	6.07E-02	3.74E-05	9.89E-07	1.97E-06	1.97E-06	6.50E-02	3.56E-05	3.88E-04	2.64E-05	ND	ND
1b	Jackrabbit	123789-HxCDF	6.07E-02	2.67E-05	7.07E-07	1.41E-06	1.41E-06	6.19E-02	2.55E-05	2.77E-04	1.88E-05	ND	ND
1c	Jackrabbit	123789-HxCDF	6.07E-02	1.07E-03	2.83E-05	5.64E-05	5.64E-05	6.50E-02	1.02E-03	1.11E-02	7.53E-04	ND	ND
42	Jackrabbit	123789-HxCDF	6.07E-02	1.92E-03	5.09E-05	1.01E-04	1.01E-04	6.50E-02	1.83E-03	1.99E-02	1.36E-03	ND	ND
10/11	Beetle	123789-HxCDF	4.47E-04	1.97E-06	5.20E-08	1.04E-07	1.04E-07	4.79E-04	1 87E-06	2.04E-05	1.39E-06	ND	ND
10/11	Grasshopper	123789-HxCDF	5.51E-04	2.42E-06	6.41E-08	1.28E-07	1.28E-07	5.90E-04	2.31E-06	2.51E-05	1.71E-06	ND	ND
12/15	Grasshopper	123789-HxCDF	9.72E-04	5.56E-05	1.47E-06	2.93E-06	2.93E-06	1.04E-03	5.30E-05	4.56E-04	3.92E-05	ND	ND
1b/1c	Grasshopper	123789-HxCDF	9.71E-05	1.75E-06	4.63E-08	9.23E-08	9.23E-08	1.04E-04	1.67E-06	1.81E-05	1.23E-06	ND	ND
21/37	Beetle	123789-HxCDF	4.24E-04	3.08E-07	8.13E-09	1.62E-08	1.62E-08	4.54E-04	2 93E-07	3 19E-06	2 17E-07	ND	ND
21/37	Grasshopper	123789-HxCDF	7.52E-04	5.46E-07	1.44E-08	2.88E-08	2.88E-08	8.05E-04	5 20E-07	5.66E-06	3.85E-07	ND	ND
42/45	Beetle	123789-HxCDF	1.09E-04	3.93E-06	1.04E-07	2.07E-07	2.07E-07	1.17E-04	3.75E-06	4.08E-05	2.77E-06	ND	ND
42/45	Grasshopper	123789-HxCDF	9.29E-05	3.35E-06	8.86E-08	1 77E-07	1.77E-07	9.94E-05	3.19E-06	3.47E-05	2.36E-06	ND	ND
RSA	Beetle	123789-HxCDF	1.64E-04	3.42E-05	1.22E-05	2.43E-05	2.43E-05	1 75E-04	2.75E-05	7.69E-05	2.48E-04	ND	ND
RSA	Grasshopper	123789-HxCDF	3.48E-04	7.27E-05	2.59E-05	5.17E-05	5.17E-05	3.73E-04	5.84E-05	1.63E-04	5.27E-04	ND	ND

Note.—123789-HXCDF (789HXF) is not a final COPC.

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (RSA Soil)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA	1,2,3-Trichlorobenzene	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	2.62E-03	7.27E-03	2.01E-02	1.00E-03	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	2.89E-06	8.01E-06	3.61E-05	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	9.71E-03	5.49E-04	1.96E-04	3.91E-04	3.91E-04	2.39E-03	3.19E-04	8.83E-04	3.98E-03	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	4.74E-05	1.69E-05	3.38E-05	3.38E-05	ND	ND	ND	ND	ND	ND
	Endosulfan I	1.20E-03	6.77E-05	2.41E-05	4.82E-05	4.82E-05	ND	ND	ND	ND	ND	ND
	Aldrin	5.25E-03	2.97E-04	8.14E-05	2.12E-04	2.12E-04	3.24E-03	2.59E-04	7.17E-04	1.62E-03	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	1.74E-05	4.83E-05	2.21E-04	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	1.30E-04	4.64E-05	9.29E-05	9.29E-05	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	1.44E-04	5.13E-05	1.03E-04	1.03E-04	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.95E-02	1.10E-03	3.93E-04	7.50E-04	7.50E-04	7.01E-06	5.61E-07	1.55E-06	7.01E-06	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (RSA Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Endosulfan sulfate	1.10E-03	6.22E-05	2.22E-05	4.43E-05	4.43E-05	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	3.64E-05	1.30E-05	2.60E-05	2.60E-05	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	6.39E-01	2.28E-01	4.56E-01	4.56E-01	1.99E-01	2.03E-02	5.62E-02	2.32E-01	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	2.29E-02	8.18E-03	1.64E-02	1.64E-02	ND	ND	ND	ND	ND	ND
RSA	**Cyanide**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
RSA	**Dibenzofuran**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**

Note.— Analytes in bold are COPCs but are addressed qualitatively. All other analytes are not final COPCs.
[a]No toxicity data and not a final COPC.

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10	1,2,3-Trichlorobenzene	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	2.62E-05	2.82E-04	1.65E-05	1.00E-03	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	2.89E-08	3.11E-07	2.96E-08	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	4.96E-04	2.36E-07	6.26E-09	1.25E-08	1.25E-08	1.22E-04	1.63E-07	1.75E-06	1.67E-07	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	3.99E-07	1.06E-08	2.11E-08	2.11E-08	ND	ND	ND	ND	ND	ND
	Endosulfan I	1.20E-03	5.70E-07	1.51E-08	3.01E-08	3.01E-08	ND	ND	ND	ND	ND	ND
	Aldrin	1.00E-03	4.79E-07	9.74E-09	2.53E-08	2.53E-08	6.20E-04	4.96E-07	5.34E-06	2.54E-07	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	1.74E-07	1.88E-06	1.81E-07	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	1.10E-06	2.90E-08	5.80E-08	5.80E-08	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10 (cont.)	delta-Hexachlorocyclohexane	2.54E-03	1.21E-06	3.20E-08	6.41E-08	6.41E-08	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.71E-02	8.14E-06	2.15E-07	4.11E-07	4.11E-07	6.15E-06	4.92E-09	5.29E-08	5.03E-09	ND	ND
	Endosulfan sulfate	5.98E-04	2.85E-07	7.54E-09	1.51E-08	1.51E-08	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	3.07E-07	8.12E-09	1.62E-08	1.62E-08	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	8.55E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	8.55E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	8.55E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	8.55E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	5.38E-03	1.42E-04	2.85E-04	2.85E-04	1.99E-01	2.03E-04	2.18E-03	1.90E-04	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	1.93E-04	5.11E-06	1.02E-05	1.02E-05	ND	ND	ND	ND	ND	ND
11	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	3.28E-02	3.93E-05	4.23E-04	2.47E-05	1.00E-03	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	2.17E-05	4.34E-08	4.67E-07	4.44E-08	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
11 (cont.)	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	1.25E-03	8.95E-07	2.37E-08	4.72E-08	4.72E-08	3.08E-04	6.16E-07	6.63E-06	6.31E-07	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	5.98E-07	1.58E-08	3.17E-08	3.17E-08	ND	ND	ND	ND	ND	ND
	Endosulfan I	1.20E-03	8.55E-07	2.26E-08	4.52E-08	4.52E-08	ND	ND	ND	ND	ND	ND
	Aldrin	1.00E-03	7.18E-07	1.46E-08	3.80E-08	3.80E-08	6.20E-04	7.44E-07	8.00E-06	3.81E-07	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	2.62E-07	2.82E-06	2.72E-07	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	1.65E-06	4.35E-08	8.71E-08	8.71E-08	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	1.82E-06	4.80E-08	9.61E-08	9.61E-08	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.71E-02	1.22E-05	3.23E-07	6.17E-07	6.17E-07	6.15E-06	7.38E-09	7.94E-08	7.55E-09	ND	ND
	Endosulfan sulfate	1.30E-03	9.32E-07	2.46E-08	4.93E-08	4.93E-08	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	4.60E-07	1.22E-08	2.44E-08	2.44E-08	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
11 (cont.)	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	8.08E-03	2.14E-04	4.27E-04	4.27E-04	1.99E-01	3.04E-04	3.27E-03	2.85E-04	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	2.90E-04	7.67E-06	1.53E-05	1.53E-05	ND	ND	ND	ND	ND	ND
12	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	3.28E-02	1.97E-04	2.12E-03	1.24E-04	1.00E-03	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	2.17E-05	2.17E-07	2.33E-06	2.22E-07	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	1.04E-03	3.70E-06	9.79E-08	1.95E-07	1.95E-07	2.55E-04	2.55E-06	2.74E-05	2.61E-06	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	2.99E-06	7.91E-08	1.58E-07	1.58E-07	ND	ND	ND	ND	ND	ND
	Endosulfan I	1.20E-03	4.27E-06	1.13E-07	2.26E-07	2.26E-07	ND	ND	ND	ND	ND	ND
	Aldrin	3.92E-03	1.40E-05	2.85E-07	7.41E-07	7.41E-07	2.42E-03	1.45E-05	1.56E-04	7.42E-06	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	1.31E-06	1.41E-05	1.36E-06	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
12 (cont.)	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	8.23E-06	2.18E-07	4.35E-07	4.35E-07	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	9.08E-06	2.40E-07	4.80E-07	4.80E-07	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.71E-02	6.11E-05	1.62E-06	3.08E-06	3.08E-06	6.15E-06	3.69E-08	3.97E-07	3.78E-08	ND	ND
	Endosulfan sulfate	5.98E-04	2.14E-06	5.65E-08	1.13E-07	1.13E-07	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	2.30E-06	6.09E-08	1.22E-07	1.22E-07	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	4.04E-02	1.07E-03	2.14E-03	2.14E-03	1.99E-01	1.52E-03	1.64E-02	1.43E-03	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	1.45E-03	3.83E-05	7.67E-05	7.67E-05	ND	ND	ND	ND	ND	ND
15	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
15 (cont.)	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	3.28E-02	6.56E-04	7.06E-03	4.12E-04	1.00E-03	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	2.17E-05	7.23E-07	7.78E-06	7.40E-07	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	1.62E-03	1.93E-05	5.12E-07	1.02E-06	1.02E-06	4.00E-04	1.33E-05	1.43E-04	1.36E-05	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	9.97E-06	2.64E-07	5.28E-07	5.28E-07	ND	ND	ND	ND	ND	ND
	Endosulfan I	3.59E-03	4.27E-05	1.13E-06	2.26E-06	2.26E-06	ND	ND	ND	ND	ND	ND
	Aldrin	2.44E-03	2.90E-05	5.90E-07	1.53E-06	1.53E-06	1.50E-03	3.00E-05	3.23E-04	1.54E-05	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	4.36E-06	4.69E-05	4.53E-06	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	2.74E-05	7.25E-07	1.45E-06	1.45E-06	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	3.03E-05	8.01E-07	1.60E-06	1.60E-06	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	5.11E-01	6.09E-03	1.61E-04	3.08E-04	3.08E-04	1.84E-04	3.68E-06	3.96E-05	3.76E-06	ND	ND
	Endosulfan sulfate	1.15E-03	1.38E-05	3.64E-07	7.28E-07	7.28E-07	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
15 (cont.)	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	7.67E-06	2.03E-07	4.06E-07	4.06E-07	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	1.35E-01	3.56E-03	7.12E-03	7.12E-03	1.99E-01	5.07E-03	5.46E-02	4.76E-03	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	4.83E-03	1.28E-04	2.56E-04	2.56E-04	ND	ND	ND	ND	ND	ND
1B	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.12E-02	6.56E-06	7.06E-05	4.12E-06	1.00E-03	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	2.07E-05	7.23E-09	7.78E-08	7.40E-09	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1B (cont.)	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	7.23E-04	8.61E-08	2.28E-09	4.54E-09	4.54E-09	1.70E-04	5.93E-08	6.38E-07	6.07E-08	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	9.97E-08	2.64E-09	5.28E-09	5.28E-09	ND	ND	ND	ND	ND	ND
	Endosulfan I	1.20E-03	1.42E-07	3.77E-09	7.54E-09	7.54E-09	ND	ND	ND	ND	ND	ND
	Aldrin	1.00E-03	1.20E-07	2.44E-09	6.33E-09	6.33E-09	5.90E-04	1.24E-07	1.33E-06	6.34E-08	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.25E-04	4.36E-08	4.69E-07	4.53E-08	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	2.74E-07	7.25E-09	1.45E-08	1.45E-08	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	3.03E-07	8.01E-09	1.60E-08	1.60E-08	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.71E-02	2.04E-06	5.38E-08	1.03E-07	1.03E-07	5.86E-06	1.23E-09	1.32E-08	1.26E-09	ND	ND
	Endosulfan sulfate	5.98E-04	7.12E-08	1.88E-09	3.77E-09	3.77E-09	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	7.67E-08	2.03E-09	4.06E-09	4.06E-09	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	1.35E-03	3.56E-05	7.12E-05	7.12E-05	1.90E-01	5.07E-05	5.46E-04	4.76E-05	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1B (cont.)	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	4.83E-05	1.28E-06	2.56E-06	2.56E-06	ND	ND	ND	ND	ND	ND
1C	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	2.62E-04	2.82E-03	1.65E-04	1.00E-03	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	2.89E-07	3.11E-06	2.96E-07	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	7.39E-04	3.52E-06	9.32E-08	1.86E-07	1.86E-07	1.82E-04	2.43E-06	2.61E-05	2.48E-06	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	3.99E-06	1.06E-07	2.11E-07	2.11E-07	ND	ND	ND	ND	ND	ND
	Endosulfan I	1.20E-03	5.70E-06	1.51E-07	3.01E-07	3.01E-07	ND	ND	ND	ND	ND	ND
	Aldrin	1.00E-03	4.79E-06	9.74E-08	2.53E-07	2.53E-07	6.20E-04	4.96E-06	5.34E-05	2.54E-06	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	1.74E-06	1.88E-05	1.81E-06	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	1.10E-05	2.90E-07	5.80E-07	5.80E-07	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1C (cont.)	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	1.21E-05	3.20E-07	6.41E-07	6.41E-07	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.71E-02	8.14E-05	2.15E-06	4.11E-06	4.11E-06	6.15E-06	4.92E-08	5.29E-07	5.03E-08	ND	ND
	Endosulfan sulfate	5.98E-04	2.85E-06	7.54E-08	1.51E-07	1.51E-07	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	3.07E-06	8.12E-08	1.62E-07	1.62E-07	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	5.38E-02	1.42E-03	2.85E-03	2.85E-03	1.99E-01	2.03E-03	2.18E-02	1.90E-03	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	1.93E-03	5.11E-05	1.02E-04	1.02E-04	ND	ND	ND	ND	ND	ND
21	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	7.81E-03	1.64E-06	1.76E-05	1.03E-06	1.00E-03	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	5.16E-06	1.81E-09	1.95E-08	1.85E-09	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
21 (cont.)	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	5.96E-04	4.26E-08	1.13E-09	2.25E-09	2.25E-09	8.39E-05	2.93E-08	3.16E-07	3.00E-08	ND	ND
	alpha-Hexachlorocyclohexane	3.49E-04	2.49E-08	6.59E-10	1.32E-09	1.32E-09	ND	ND	ND	ND	ND	ND
	Endosulfan I	4.98E-04	3.56E-08	9.42E-10	1.88E-09	1.88E-09	ND	ND	ND	ND	ND	ND
	Aldrin	4.19E-04	2.99E-08	6.09E-10	1.58E-09	1.58E-09	1.48E-04	3.10E-08	3.33E-07	1.59E-08	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	3.13E-05	1.09E-08	1.17E-07	1.13E-08	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	9.59E-04	6.86E-08	1.81E-09	3.63E-09	3.63E-09	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	1.06E-03	7.57E-08	2.00E-09	4.00E-09	4.00E-09	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	7.12E-03	5.09E-07	1.35E-08	2.57E-08	2.57E-08	1.46E-06	3.07E-10	3.31E-09	3.15E-10	ND	ND
	Endosulfan sulfate	2.49E-04	1.78E-08	4.71E-10	9.42E-10	9.42E-10	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	2.68E-04	1.92E-08	5.07E-10	1.01E-09	1.01E-09	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
21 (cont)	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1.89E-07	1 25E-03	2.08E-04
	PCB 1221	7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1 89E-07	1 25E-03	2.08E-04
	PCB 1232	7 48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7 53E-04	2.01E-07	2.17E-06	1.89E-07	1.25E-03	2.08E-04
	PCB 1242	7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1 89E-07	1 25E-03	2.08E-04
	PCB 1262	4.71E+00	3 37E-04	8.90E-06	1.78E-05	1.78E-05	4 74E-02	1 27E-05	1.36E-04	1.19E-05	7 88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	1.69E-01	1.21E-05	3.19E-07	6.39E-07	6 39E-07	ND	ND	ND	ND	ND	ND
37	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	3.28E-02	9.18E-06	9.88E-05	5 77E-06	1.00E-03	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	2 17E-05	1 01E-08	1 09E-07	1.04E-08	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	1.67E-03	2.78E-07	7.35E-09	1.47E-08	1.47E-08	4 11E-04	1 91E-07	2.06E-06	1.96E-07	ND	ND
	alpha-Hexachlorocyclohexane	8 37E-04	1.40E-07	3.69E-09	7.39E-09	7 39E-09	ND	ND	ND	ND	ND	ND
	Endosulfan I	1 20E-03	1.99E-07	5.28E-09	1.06E-08	1.06E-08	ND	ND	ND	ND	ND	ND
	Aldrin	1 00E-03	1.68E-07	3.41E-09	8.86E-09	8.86E-09	6 20E-04	1 74E-07	1 87E-06	8 88E-08	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	6.10E-08	6 57E-07	6.34E-08	6 60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
37 (cont.)	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	3.84E-07	1.02E-08	2.03E-08	2.03E-08	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	4.24E-07	1.12E-08	2.24E-08	2.24E-08	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	4.82E-02	8.03E-06	2.13E-07	4.06E-07	4.06E-07	1.73E-05	4.85E-09	5.22E-08	4.97E-09	ND	ND
	Endosulfan sulfate	1.25E-03	2.08E-07	5.50E-09	1.10E-08	1.10E-08	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	1.07E-07	2.84E-09	5.68E-09	5.68E-09	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	1.88E-03	4.99E-05	9.97E-05	9.97E-05	1.99E-01	7.10E-05	7.64E-04	6.66E-05	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	6.76E-05	1.79E-06	3.58E-06	3.58E-06	ND	ND	ND	ND	ND	ND
42	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
42 (cont)	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	3.28E-02	4.72E-04	5.08E-03	2.97E-04	1.00E-03	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	2.17E-05	5.21E-07	5.60E-06	5.33E-07	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	2.66E-03	2.28E-05	6.03E-07	1.20E-06	1.20E-06	6.55E-04	1.57E-05	1.69E-04	1.61E-05	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	7.18E-06	1.90E-07	3.80E-07	3.80E-07	ND	ND	ND	ND	ND	ND
	Endosulfan I	1.20E-03	1.03E-05	2.71E-07	5.43E-07	5.43E-07	ND	ND	ND	ND	ND	ND
	Aldrin	1.00E-03	8.62E-06	1.75E-07	4.56E-07	4.56E-07	6.20E-04	8.92E-06	9.60E-05	4.57E-06	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	3.14E-06	3.38E-05	3.26E-06	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	1.97E-05	5.22E-07	1.04E-06	1.04E-06	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	2.18E-05	5.77E-07	1.15E-06	1.15E-06	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
42 (cont.)	Endrin ketone	1.71E-02	1.47E-04	3.88E-06	7.40E-06	7 40E-06	6.15E-06	8.85E-08	9.53E-07	9.06E-08	ND	ND
	Endosulfan sulfate	5.98E-04	5.13E-06	1.36E-07	2.71E-07	2.71E-07	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	5.52E-06	1.46E-07	2.92E-07	2.92E-07	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	1.54E-03	4.07E-05	8.14E-05	8 14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1 25E-03	2.08E-04
	PCB 1221	1 79E-01	1.54E-03	4.07E-05	8.14E-05	8.14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	1.54E-03	4.07E-05	8 14E-05	8 14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2 08E-04
	PCB 1242	1.79E-01	1.54E-03	4.07E-05	8.14E-05	8.14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2.08E-04
	PCB 1262	1 13E+01	9.69E-02	2.56E-03	5.13E-03	5 13E-03	1.99E-01	3.65E-03	3 93E-02	3.42E-03	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	3.48E-03	9.20E-05	1 84E-04	1.84E-04	ND	ND	ND	ND	ND	ND
45	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	6 56E-05	7 06E-04	4 12E-05	1.00E-03	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	1.11E-03	3.69E-06	3 97E-05	3 78E-06	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
45 (cont.)	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	2.09E-02	2.49E-05	6.60E-07	1 32E-06	1 32E-06	5.16E-03	1 72E-05	1.85E-04	1.76E-05	ND	ND
	alpha-Hexachlorocyclohexane	8 37E-03	9.97E-06	2.64E-07	5 28E-07	5.28E-07	ND	ND	ND	ND	ND	ND
	Endosulfan I	1.20E-02	1.42E-05	3.77E-07	7.54E-07	7.54E-07	ND	ND	ND	ND	ND	ND
	Aldrin	1.00E-02	1.20E-05	2.44E-07	6.33E-07	6.33E-07	6.20E-03	1.24E-05	1.33E-04	6.34E-06	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	7.98E-03	2.64E-05	2.84E-04	2.75E-05	4 00E-02	5.78E-03
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-02	2.74E-05	7.25E-07	1.45E-06	1.45E-06	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-02	3.03E-05	8.01E-07	1.60E-06	1.60E-06	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.71E-01	2.04E-04	5.38E-06	1.03E-05	1.03E-05	6.15E-05	1.23E-07	1 32E-06	1 26E-07	ND	ND
	Endosulfan sulfate	5.98E-03	7.12E-06	1.88E-07	3.77E-07	3.77E-07	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.46E-03	7.69E-06	2.03E-07	4 07E-07	4.07E-07	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1 79E+00	2.14E-03	5.65E-05	1 13E-04	1 13E-04	3 16E-02	8.05E-05	8.66E-04	7 55E-05	1 25E-02	2 08E-03
	PCB 1221	1 79E+00	2.14E-03	5.65E-05	1 13E-04	1 13E-04	3.16E-02	8.05E-05	8 66E-04	7 55E-05	1.25E-02	2.08E-03
	PCB 1232	1.79E+00	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-02	8.05E-05	8.66E-04	7.55E-05	1.25E-02	2.08E-03

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
45 (cont.)	PCB 1242	1.79E+00	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-02	8.05E-05	8.66E-04	7.55E-05	1.25E-02	2.08E-03
	PCB 1262	5.38E+02	6.41E-01	1.70E-02	3.39E-02	3.39E-02	9.49E+00	2.41E-02	2.60E-01	2.27E-02	3.75E+00	6.25E-01
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.13E+00	4.91E-03	1.30E-04	2.60E-04	2.60E-04	ND	ND	ND	ND	ND	ND
10	**Cyanide**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
11	**Cyanide**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
12	**Cyanide**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
15	**Cyanide**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
1B	**Cyanide**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
1C	**Cyanide**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
21	**Cyanide**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
37	**Cyanide**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
42	**Cyanide**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
45	**Cyanide**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
10	**Dibenzofuran**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
11	**Dibenzofuran**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
12	**Dibenzofuran**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
15	**Dibenzofuran**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
1B	**Dibenzofuran**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
1C	**Dibenzofuran**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
21	**Dibenzofuran**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
37	**Dibenzofuran**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
42	**Dibenzofuran**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
45	**Dibenzofuran**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**

Note.— Analytes in bold are COPCs but are addressed qualitatively. All other analytes are not final COPCs.
[a]No toxicity data and not final COPC.

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices
(Co-Located Soil - ESA Basis)

ESA	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1	1,2,3-Trichlorobenzene	ND[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	5.38E-04	5.79E-03	3.38E-04	1.00E-03	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	1.11E-03	3.02E-05	3.26E-04	3.10E-05	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	2.09E-02	2.04E-04	5.41E-06	1.08E-05	1.08E-05	5.16E-03	1.41E-04	1.52E-03	1.44E-04	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-03	8.17E-05	2.16E-06	4.33E-06	4.33E-06	ND	ND	ND	ND	ND	ND
	Endosulfan I	1.20E-02	1.17E-04	3.09E-06	6.18E-06	6.18E-06	ND	ND	ND	ND	ND	ND
	Aldrin	1.00E-02	9.80E-05	2.00E-06	5.19E-06	5.19E-06	6.20E-03	1.02E-04	1.09E-03	5.20E-05	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	7.98E-03	2.17E-04	2.33E-03	2.25E-04	4.00E-02	5.78E-03
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-02	2.25E-04	5.95E-06	1.19E-05	1.19E-05	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (Co-Located Soil - ESA Basis) (continued)

ESA	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1 (cont.)	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-02	2.48E-04	6.57E-06	1.31E-05	1.31E-05	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.71E-01	1.67E-03	4.41E-05	8.43E-05	8.43E-05	6.15E-05	1.01E-06	1.09E-05	1.03E-06	ND	ND
	Endosulfan sulfate	5.98E-03	5.84E-05	1.55E-06	3.09E-06	3.09E-06	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.46E-03	6.30E-05	1.67E-06	3.34E-06	3.34E-06	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03
	PCB 1221	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03
	PCB 1232	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03
	PCB 1242	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03
	PCB 1262	5.38E+02	5.25E+00	1.39E-01	2.78E-01	2.78E-01	9.49E+00	1.98E-01	2.13E+00	1.86E-01	3.75E+00	6.25E-01
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.13E+00	4.03E-02	1.07E-03	2.13E-03	2.13E-03	ND	ND	ND	ND	ND	ND
ESA-2	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	1.20E-03	7.27E-03	7.52E-04	1.00E-03	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	1.32E-06	8.01E-06	1.35E-06	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (Co-Located Soil - ESA Basis) (continued)

ESA	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-2 (cont.)	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	1.67E-03	3.62E-05	9.59E-07	1.91E-06	1.91E-06	4.11E-04	2.50E-05	1.52E-04	2.56E-05	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	1.82E-05	4.82E-07	9.64E-07	9.64E-07	ND	ND	ND	ND	ND	ND
	Endosulfan I	2.59E-03	5.64E-05	1.49E-06	2.99E-06	2.99E-06	ND	ND	ND	ND	ND	ND
	Aldrin	1.49E-03	3.23E-05	6.57E-07	1.71E-06	1.71E-06	9.16E-04	3.35E-05	2.03E-04	1.71E-05	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	7.96E-06	4.83E-05	8.27E-06	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	5.00E-05	1.32E-06	2.65E-06	2.65E-06	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	5.52E-05	1.46E-06	2.93E-06	2.93E-06	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.07E-01	2.32E-03	6.14E-05	1.17E-04	1.17E-04	3.84E-05	1.40E-06	8.51E-06	1.44E-06	ND	ND
	Endosulfan sulfate	8.43E-04	1.83E-05	4.85E-07	9.70E-07	9.70E-07	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	1.40E-05	3.71E-07	7.41E-07	7.41E-07	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (Co-Located Soil - ESA Basis) (continued)

ESA	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-2 (cont.)	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	2.46E-01	6.50E-03	1.30E-02	1.30E-02	1.99E-01	9.26E-03	5.62E-02	8.69E-03	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	8.81E-03	2.33E-04	4.67E-04	4.67E-04	ND	ND	ND	ND	ND	ND
RSA	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	2.62E-03	7.27E-03	2.01E-02	1.00E-03	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	2.89E-06	8.01E-06	3.61E-05	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	9.71E-03	5.49E-04	1.96E-04	3.91E-04	3.91E-04	2.39E-03	3.19E-04	8.83E-04	3.98E-03	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	4.74E-05	1.69E-05	3.38E-05	3.38E-05	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (Co-Located Soil - ESA Basis) (continued)

ESA	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Endosulfan I	1.20E-03	6.77E-05	2.41E-05	4.82E-05	4.82E-05	ND	ND	ND	ND	ND	ND
	Aldrin	5.25E-03	2.97E-04	8.14E-05	2.12E-04	2.12E-04	3.24E-03	2.59E-04	7.17E-04	1.62E-03	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	1.74E-05	4.83E-05	2.21E-04	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	1.30E-04	4.64E-05	9.29E-05	9.29E-05	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	1.44E-04	5.13E-05	1.03E-04	1.03E-04	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.95E-02	1.10E-03	3.93E-04	7.50E-04	7.50E-04	7.01E-06	5.61E-07	1.55E-06	7.01E-06	ND	ND
	Endosulfan sulfate	1.10E-03	6.22E-05	2.22E-05	4.43E-05	4.43E-05	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	3.64E-05	1.30E-05	2.60E-05	2.60E-05	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	6.39E-01	2.28E-01	4.56E-01	4.56E-01	1.99E-01	2.03E-02	5.62E-02	2.32E-01	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (Co-Located Soil - ESA Basis) (continued)

ESA	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	2.29E-02	8.18E-03	1.64E-02	1.64E-02	ND	ND	ND	ND	ND	ND
ESA-1	**Cyanide**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ESA-2	**Cyanide**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RSA	**Cyanide**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ESA-1	**Dibenzofuran**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ESA-2	**Dibenzofuran**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RSA	**Dibenzofuran**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Note— Analytes in bold are COPCs but are addressed qualitatively. All other analytes are not final COPCs.
[a]No toxicity data and not final COPC.

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices

(Surface Water - ESA Basis)

SWMU	ANALYTE	PASSERINES	AMERICAN KESTREL	GREAT HORNED OWL	GOLDEN EAGLE	BALD EAGLE	DEER MOUSE	MULE DEER	JACKRABBIT	KIT FOX	ESA
11	3,5-Dinitroaniline	ND[a]	ND	ND	ND	ND	NA[b]	ND	ND	ND	ESA-2
45	Cyanide	ND	ND	ND	ND	ND	NA	ND	ND	ND	ESA-1
11	Bromacil	ND	ND	ND	ND	ND	NA	ND	ND	ND	ESA-2
11	Dibenzofuran	ND	ND	ND	ND	ND	NA	ND	ND	ND	ESA-2
45	Toluene	ND	ND	ND	ND	ND	NA	ND	ND	ND	ESA-1

[a]No toxicity data or a VOC or qualitative COPC.
[b]Not applicable.

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (TEAD Historic Soil and Sediment Data)

SWMU[a]	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
01	Trichlorofluoromethane	ND[b]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01	Nitrite, nitrate - nonspecific	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01	pH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01	Tetrachloroethylene	ND	ND	ND	ND	ND	2.08E-06	2.43E-07	7.69E-07	2.48E-07	ND	ND
01	Total phosphates	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06	Nitrate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06	Phosphate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07	Fluoride	ND	ND	ND	ND	ND	9.35E-02	2.56E-03	2.75E-02	2.62E-03	ND	ND
13	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	5.60E-05	5.60E-07	2.41E-06	5.73E-07	ND	ND
13	Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	pH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Total phosphates	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Trichloroethylene	ND	ND	ND	ND	ND	1.03E-03	2.56E-05	2.76E-04	2.63E-05	ND	ND
19	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	pH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Total phosphates	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Xylenes	ND	ND	ND	ND	ND	1.27E-06	3.63E-09	3.91E-08	3.72E-09	ND	ND
21	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	PETN / Pentaerythritol tetranitrate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	pH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Total phosphates	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Xylenes	ND	ND	ND	ND	ND	2.27E-06	7.96E-10	8.56E-09	8.14E-10	ND	ND
22	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Nitrite	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Nitrate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Phosphate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	pH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	pH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Nitrate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Phosphate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (TEAD Historic Soil and Sediment Data) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
35	Sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Phosphate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	pH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Total phosphates	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Xylenes	ND	ND	ND	ND	ND	5.27E-07	2.46E-10	2.65E-09	2.52E-10	ND	ND
38	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Nitrate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	Trichloroethylene	ND	ND	ND	ND	ND	1.15E-05	1.44E-08	1.55E-07	1.48E-08	ND	ND
45	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.13E-04	6.79E-08	2.92E-07	6.95E-08	ND	ND
47	m-Xylene	ND	ND	ND	ND	ND	2.27E-04	1.36E-07	1.47E-06	1.40E-07	ND	ND
47	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	m-Xylene	ND	ND	ND	ND	ND	2.42E-03	3.23E-04	8.96E-04	4.04E-03	ND	ND
52	Myristic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Pentadecanoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Palmitic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Xylenes	ND	ND	ND	ND	ND	2.63E-03	3.51E-04	9.73E-04	4.38E-03	ND	ND

Note.— Analytes are COPCs but are addressed qualitatively (e.g., anions, dibenzofuran) or not addressed because they are VOCs or solvents. C14A, C15A and C16A apply only to SWMU 52 (not included in the SWERA).

[a]Solid Waste Management Unit.

[b]No toxicity data.

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (Surface Water- SWMU Basis)

SWMU	ANALYTE	PASSERINES	AMERICAN KESTREL	GREAT HORNED OWL	GOLDEN EAGLE	BALD EAGLE	DEER MOUSE	MULE DEER	JACKRABBIT	KIT FOX
23	Nitrate	ND[a]	ND	ND	ND	ND	NA[b]	ND	ND	ND
23	Phosphate	ND	ND	ND	ND	ND	NA	ND	ND	ND
23	Sulfate	ND	ND	ND	ND	ND	NA	ND	ND	ND
45	Cyanide	ND	ND	ND	ND	ND	NA	ND	ND	ND
11	Bromacil	ND	ND	ND	ND	ND	NA	ND	ND	ND
11	Dibenzofuran	ND	ND	ND	ND	ND	NA	ND	ND	ND
23	Methylene chloride	ND	ND	ND	ND	ND	NA	3.09E-04	1.43E-03	8.23E-04
23	Chloromethane	ND	ND	ND	ND	ND	NA	ND	ND	ND
45	Toluene	ND	ND	ND	ND	ND	NA	ND	ND	ND
11	3,5-Dinitroaniline	ND	ND	ND	ND	ND	NA	ND	ND	ND
11	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	NA	1.92E-03	8.88E-03	3.15E-03

[a]No toxicity data or not a final COPC or a VOC.
[b]Not applicable.

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (ESA Basis)

ESA	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1	Beetle	789HXF	1.09E-04	3.93E-06	1.04E-07	2.07E-07	2.07E-07	1.17E-04	3.75E-06	4.08E-05	2.77E-06	ND	ND
	Grasshopper	789HXF	9.29E-05	3.35E-06	8.86E-08	1.77E-07	1.77E-07	9.94E-05	3.19E-06	3.47E-05	2.36E-06	ND	ND
	Gumweed	789HXF	2.26E-04	8.15E-06	2.16E-07	4.30E-07	4.30E-07	2.42E-04	7.77E-06	8.45E-05	5.74E-06	ND	ND
	Jackrabbit	789HXF	1.92E-04	6.91E-06	1.83E-07	3.64E-07	3.64E-07	2.05E-04	6.58E-06	7.16E-05	4.87E-06	ND	ND
	Rabbitbrush	789HXF	3.34E-04	1.20E-05	3.19E-07	6.35E-07	6.35E-07	3.57E-04	1.15E-05	1.25E-04	8.49E-06	ND	ND
	Sweetclover	789HXF	4.39E-04	1.58E-05	4.19E-07	8.35E-07	8.35E-07	4.70E-04	1.51E-05	1.64E-04	1.12E-05	ND	ND
ESA-2	Ambrosia	789HXF	8.04E-05	6.46E-06	1.71E-07	3.41E-07	3.41E-07	8.60E-05	6.15E-06	3.77E-05	4.55E-06	ND	ND
	Beetle	789HXF	4.47E-04	3.59E-05	9.50E-07	1.90E-06	1.90E-06	4.79E-04	3.42E-05	2.10E-04	2.53E-05	ND	ND
	Grasshopper	789HXF	9.72E-04	7.81E-05	2.07E-06	4.12E-06	4.12E-06	1.04E-03	7.44E-05	4.56E-04	5.51E-05	ND	ND
	Gumweed	789HXF	4.24E-04	3.41E-05	9.02E-07	1.80E-06	1.80E-06	4.54E-04	3.25E-05	1.99E-04	2.40E-05	ND	ND
	Rabbitbrush	789HXF	1.36E-04	1.09E-05	2.88E-07	5.75E-07	5.75E-07	1.45E-04	1.04E-05	6.37E-05	7.68E-06	ND	ND
	Sweetclover	789HXF	2.09E-04	1.68E-05	4.44E-07	8.85E-07	8.85E-07	2.23E-04	1.60E-05	9.80E-05	1.18E-05	ND	ND
RSA	Beetle	789HXF	1.64E-04	3.42E-05	1.21E-05	2.41E-05	2.41E-05	1.75E-04	2.75E-05	7.69E-05	2.48E-04	ND	ND
	Grasshopper	789HXF	3.48E-04	7.27E-05	2.57E-05	5.12E-05	5.12E-05	3.73E-04	5.84E-05	1.63E-04	5.27E-04	ND	ND
	Gumweed	789HXF	7.04E-04	1.47E-04	5.19E-05	1.04E-04	1.04E-04	7.53E-04	1.18E-04	3.31E-04	1.07E-03	ND	ND
	Jackrabbit	789HXF	3.36E-04	7.02E-05	2.48E-05	4.94E-05	4.94E-05	3.60E-04	5.64E-05	1.58E-04	5.09E-04	ND	ND
	Rabbitbrush	789HXF	6.97E-04	1.46E-04	5.14E-05	1.03E-04	1.03E-04	7.46E-04	1.17E-04	3.27E-04	1.06E-03	ND	ND
	Sweetclover	789HXF	2.18E-04	4.56E-05	1.61E-05	3.21E-05	3.21E-05	2.34E-04	3.66E-05	1.02E-04	3.30E-04	ND	ND
ESA-2	Jackrabbit	789HXF	6.07E-02	4.88E-03	1.29E-04	2.57E-04	2.57E-04	6.50E-02	4.65E-03	2.85E-02	3.44E-03	ND	ND

Note.— 789 HXF is not a final COPC.

[a]No toxicity data and analyte is not a final COPC.

Air Hazard Quotients (HQs)/Hazard Indices (HIs) Based on Modeled Air Exposure Point Concentrations

Analyte	SWMU[a]	Deer Mouse HQs	Kit Fox HQs	Comment	Deer Mouse HIs	Kit Fox HIs
Xylenes	12/15	5.25E-07	1.48E-06		8.34E-06	1.82E-05
Trichlorofluromethane		NA[b]	NA	No TBV[c]		
Trichloroethylene		4.66E-06	9.86E-06			
Ethylbenzene		NA	NA	No TBV		
Acrylonitrile		NA	NA	No TBV		
Chlorobenzene		2.16E-07	4.57E-07	Use DCB[d]		
Dichloroethylene		2.64E-06	5.57E-06	Use PCE[e]		
MIBK (methyl isobutyl ketone)		1.22E-07	3.43E-07	Use MEK[f]		
Tetrachloroethylene		1.77E-07	5.00E-07			
Toluene		NA	NA	No TBV		
Benzo(a) anthracene	29/30	7.75E-11	2.19E-10		4.71E-06	1.33E-05
Benzo(a)pyrene		8.65E-09	2.44E-08			
Benzo(k)fluoranthene		1.11E-13	3.14E-13			
Carbon Tetrachloride		NA	NA	No TBV		
Chrysene		1.82E-12	5.14E-12			
Ethylbenzene		NA	NA	No TBV		
Fluoranthene		3.62E-08	1.02E-07			
Phenanthrene		1.92E-07	5.40E-07			
Pyrene		3.88E-11	1.09E-10			
Tetrachloroethylene		2.62E-06	7.39E-06			
Toluene		NA	NA	No TBV		
1,1,1-Trichloroethane		1.85E-06	5.21E-06			
2,4 Dinitrotoluene	1	2.31E-07	6.50E-07		9.83E-07	2.77E-06
2,6-Dinitrotoluene		7.53E-07	2.12E-06			
Cyclotetramethylenetetranitramine (HMX)		1.22E-15	3.43E-15			
2,4,6 Trinitrobenzene		NA	NA	No TBV		
2,4 Dinitrotoluene	10/11	7.67E-07	2.16E-06		7.67E-07	2.16E-06
1,3,5 Trinitrobenzene		NA	NA	No TBV		
Cyclotetramethylenetetranitramine (HMX)		2.05E-15	5.79E-15			
2,4,6 Trinitrobenzene		NA	NA	No TBV		
Toluene		NA	NA	No TBV		

[a] Solid Waste Management Unit.

[b] Not applicable.

[c] Toxicity benchmark value.

[d] Dichlorobenzene

[e] Perchloroethylene

[f] Methyl ethyl ketone

Key to Weight of Evidence (WOE) Ratings by Category

Category	Relative WOE	Criteria	Rating	Comment
1 - Analytical Detection Limit (DL)/Toxicity Benchmark Value Comparison (TBVComp)	HIGH	DL< TBVcomp	10	dietary ingestion only
	NO TBVcomp		0	if one or more matrices fail - then all fail
	LOW	DL > TBVcomp	-10	
2 - Data Quality/Data Type				
	HIGH	soil + biota + surf water	250	
	MED	soil +biota	200	
	MED-LOW	soil + surf water	150	
	LOW	soil only	100	
3 - Cterm (Dietary Component Receptors Only)				
	HIGH	Measured	3	
	MED	Modeled	2	
	MED-LOW	Extrapolated / hypothetical / 1/2 DL	1	
	LOW	No Data	0	
4 - Toxicity Benchmark Values (TBVs)				
	HIGH	> 3 studies	3	
	MED	2-3 studies	2	
	LOW	1 study	1	
	NONE	no studies	0	
5 - Uncertainty Factors (UFs)				
	HIGH	< 10	3	
	MED	10 - 100	2	
	LOW	> 100-500	1	
	NONE	> 500 (qualitative)	0	
6 - N (Total No. of Samples)				N may include soil, biota and surface water
	HIGH	>50	300	
	MED	25-50	200	
	LOW	< 25	100	
7- Comparison of HIs to the RSA				
	HIGH	TEAD HI > RSA by GE by 10X	200	based on TEAD historic data only
	MED	TEAD HI > RSA HI	100	
	LOW	TEAD HI <= RSA HI	0	

Weight of Evidence Rating for Toxicity Benchmark Values

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
111TCE	1,1,1-Trichloroethane											
12DCLB	1,2-Dichlorobenzene						2	2	2	2		
135TNB	1,3,5-Trinitrobenzene											
13DCLB	1,3-Dichlorobenzene						2	2	2	2		
13DMB	1,3-Dimethylbenzene											
14DCLB	1,4-Dichlorobenzene						2	2	2	2		
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1	1	1	1	1	1	1	1	1		
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1	1	1	1	1	1	1	1	1		
246TNT	2,4,6-Trinitrotoluene						2	2	2	2	1	
24D	2,4-Dichlorophenoxyacetic acid						3	3	3	3		
24DNT	2,4-Dinitrotoluene						2	2	2	2	1	
2MNAP	2-Methylnaphthalene						2	2	2	2	2	2
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1	1	1	1	1	1	1	1	1		
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1	1	1	1	1	1	1	1	1		
678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1	1	1	1	1	1	1	1	1		
678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1	1	1	1	1	1	1	1	1		
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1	1	1	1	1	1	1	1	1		
789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1	1	1	1	1	1	1	1	1		
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1	1	1	1	1	1	1	1	1		
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1	1	1	1	1	1	1	1	1		
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1	1	1	1	1	1	1	1	1		
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1	1	1	1	1	1	1	1	1		
ACET	Acetone											
ACLDAN	alpha-Chlordane	2	2	2	2	2	1	1	1	1		
AG	Silver	1	1	1	1	1	2	2	2	2	1	
AL	Aluminum						3	3	3	3	2	1
ANAPNE	Acenaphthene						2	2	2	2	2	2
ANTRC	Anthracene						2	2	2	2	2	2
AS	Arsenic	1	1	1	1	1	2	2	2	2	3	1
B2EHP	Bis(2-ethylhexyl) phthalate	2	2	2	2	2	2	2	2	2	2	
BA	Barium	1	1	1	1	1	1	1	1	1	1	
BAANTR	Benzo[a]anthracene						2	2	2	2	2	2
BAPYR	Benzo[a]pyrene						2	2	2	2	1	2
BBFANT	Benzo[b]fluoranthene						2	2	2	2	2	2
BBZP	Butylbenzyl phthalate	2	2	2	2	2	2	2	2	2	2	
BE	Beryllium	1	1	1	1	1	2	2	2	2	2	
BENSLF	Endosulfan II	1	1	1	1	1						
BGHIPY	Benzo[ghi]perylene						2	2	2	2	2	2
BKFANT	Benzo[k]fluoranthene						2	2	2	2	2	2
BZALC	Benzyl alcohol	1	1	1	1	1	1	1	1	1		
C14A	Myristic acid											
C15A	Pentadecanoic acid											
C16A	Palmitic acid											

Weight of Evidence Rating for Toxicity Benchmark Values (continued)

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
C6H6	Benzene											
CCL3F	Trichlorofluoromethane											
CD	Cadmium	1	1	1	1	1	2	2	2	2	3	3
CH3CL	Chloromethane											
CHCL3	Chloroform											
CHRY	Chrysene						2	2	2	2	2	2
CLDAN	Chlordane	2	2	2	2	2	1	1	1	1		
CO	Cobalt	2	2	2	2	2	3	3	3	3	2	
CR	Chromium	3	3	3	3	3	2	2	2	2	3	1
CRHEX	Hexavalent Chromium											
CU	Copper	2	2	2	2	2	3	3	3	3	3	3
CYN	Cyanide											
DBAHA	Dibenz[ah]anthracene						2	2	2	2	2	2
DBZFUR	Dibenzofuran											
DCLB	Dichlorobenzene											
DLDRN	Dieldrin	3	3	3	3	3	2	2	2	2		1
DMP	Dimethyl phthalate	2	2	2	2	2	2	2	2	2	1	
DNBP	Di-n-butyl phthalate	2	2	2	2	2	2	2	2	2	1	
DNOP	Di-n-ootyl phthalate	2	2	2	2	2	2	2	2	2	1	
ENDRN	Endrin	2	2	2	2	2	1	1	1	1		
ENDRNA	Endrin aldehyde	2	2	2	2	2	1	1	1	1		
ETC6H5	Ethylbenzene											
F	Fluoride											
FANT	Fluoranthene						2	2	2	2	2	2
FE	Iron	2	2	2	2	2	2	2	2	2	1	1
FLRENE	Fluorene						2	2	2	2	2	2
GCLDAN	gamma-Chlordane	2	2	2	2	2	1	1	1	1		
HG	Mercury	3	3	3	3	3	3	3	3	3	2	2
HMX	Cyclotetramethylenetetranitramine						1	1	1	1		
HPCL	Heptachlor	2	2	2	2	2						
HPCLE	Heptachlor epoxide	2	2	2	2	2						
ICDPYR	Indeno[1,2,3-C,D]pyrene						2	2	2	2	2	2
LIN	Lindane	2	2	2	2	2						
MEC6H5	Toluene											
MN	Manganese	1	1	1	1	1	3	3	3	3	1	
NAP	Naphthalene						2	2	2	2	2	2
NB	Nitrobenzene						1	1	1	1		1
NI	Nickel	1	1	1	1	1	2	2	2	2	3	2
NIT	Nitrate/nitrite											
NNDPA	N-Nitrosodiphenylamine						1	1	1	1		
NO2	Nitrite											
NO3	Nitrate											
OCDD	Octachlorodibenzodioxin - nonspecific	1	1	1	1	1	1	1	1	1		

Weight of Evidence Rating for Toxicity Benchmark Values (continued)

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
OCDF	Octachlorodibenzofuran - nonspecific	1	1	1	1	1	1	1	1	1		
PB	Lead	2	2	2	2	2	3	3	3	3	3	2
PCB248	PCB 1248	2	2	2	2	2	2	2	2	2	1	2
PCB254	PCB 1254	2	2	2	2	2	2	2	2	2	1	2
PCB260	PCB 1260	2	2	2	2	2	2	2	2	2	1	2
PETN	Pentaerythritol tetranitrate											
PH	pH											
PHANTR	Phenanthrene						2	2	2	2	2	2
PHENOL	Phenol						1	1	1	1		1
PO4	Phosphate											
PPDDD	ppDDD	3	3	3	3	3	3	3	3	3	1	1
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	3	3	3	3	3	3	3	3	3	1	1
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	3	3	3	3	3	3	3	3	3	1	1
PYR	Pyrene						2	2	2	2	2	2
RDX	RDX / Cyclonite						1	1	1	1		
SB	Antimony						2	2	2	2	1	
SE	Selenium	3	3	3	3	3	3	3	3	3	2	1
SO4	Sulfate											
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1	1	1	1	1	1	1	1	1		
TCDF	2,3,7,8-Tetrachlorodibenzofuran	1	1	1	1	1	1	1	1	1		
TCLEE	Tetrachloroethylene											
THCDD	Total hexachlorodibenzo-p-dioxins											
THCDF	Total hexachlorodibenzofurans											
THPCDD	Total heptachlorodibenzo-p-dioxins											
THPCDF	Total heptachlorodibenzofurans											
TL	Thallium	1	1	1	1	1	3	3	3	3	1	
TPCDD	Total pentachlorodibenzo-p-dioxins											
TPCDF	Total pentachlorodibenzofurans											
TPHC	Total Petroleum Hydrocarbons											
TPO4	Total Phosphates											
TRCLE	Trichloroethylene											
TTCDD	Total tetrachlorodibenzo-p-dioxins											
TTCDF	Total tetrachlorodibenzofurans											
V	Vanadium						3	3	3	3	1	
XYLEN	Xylenes											
ZN	Zinc	3	3	3	3	3	3	3	3	3	3	3
SUM		92	92	92	92	92	148	148	148	148	85	64

Weight of Evidence Rating for Uncertainty Factors

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
111TCE	1,1,1-Trichloroethane						1	1	1			
12DCLB	1,2-Dichlorobenzene						2	2	2	2		
135TNB	1,3,5-Trinitrobenzene											
13DCLB	1,3-Dichlorobenzene						2	2	2	2		
13DMB	1,3-Dimethylbenzene (m-Xylene)						2	2	2	2		
14DCLB	1,4-Dichlorobenzene						2	2	2	2		
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	2	2	2	1	1	3	3	3	2		
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	2	2	2	1	1	3	3	3	2		
246TNT	2,4,6-Trinitrotoluene						3	3	3	3		
24D	2,4-Dichlorophenoxyacetic acid						2	2	2	2		
24DNT	2,4-Dinitrotoluene						2	2	2	2		
2MNAP	2-Methylnaphthalene						3	2	2	2		
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2	2	2	1	1	3	3	3	2		
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2	2	2	1	1	3	3	3	2		
678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2	2	2	1	1	3	3	3	2		
678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2	2	2	1	1	3	3	3	2		
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2	2	2	1	1	3	3	3	2		
789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2	2	2	1	1	3	3	3	2		
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2	2	2	1	1	3	3	3	2		
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2	2	2	1	1	3	3	3	2		
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2	2	2	1	1	3	3	3	2		
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	2	2	2	1	1	3	3	3	2		
ACET	Acetone											
ACLDAN	alpha-Chlordane	3	3	3	2	2	3	3	3	2		
AG	Silver	2	2	2	2	2	3	3	3	2		
AL	Aluminum						2	2	2	2		
ANAPNE	Acenaphthene						3	2	2	2		
ANTRC	Anthracene						3	2	2	2		
AS	Arsenic	3	3	3	2	2	3	3	3	2		
B2EHP	Bis(2-ethylhexyl) phthalate	2	2	2	1	1	2	2	2	2		
BA	Barium	3	3	3	2	2	3	2	2	2		
BAANTR	Benzo[a]anthracene						3	2	2	2		
BAPYR	Benzo[a]pyrene						3	2	2	2		
BBFANT	Benzo[b]fluoranthene						3	2	2	2		
BBZP	Butylbenzyl phthalate	2	2	2	1	1	2	2	2	2		
BE	Beryllium	2	2	2	2	2	3	3	3	2		
BENSLF	Endosulfan II	1	1	1								
BGHIPY	Benzo[ghi]perylene						3	2	2	2		
BKFANT	Benzo[k]fluoranthene						3	2	2	2		
BZALC	Benzyl alcohol	1	1	1			1	1	1			
C14A	Myristic acid											
C15A	Pentadecanoic acid											
C16A	Palmitic acid											

Weight of Evidence Rating for Uncertainty Factors (continued)

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
C6H6	Benzene											
CCL3F	Trichlorofluoromethane											
CD	Cadmium	2	2	2	2	2	3	3	3	2		
CH3CL	Chloromethane											
CHCL3	Chloroform											
CHRY	Chrysene						3	2	2	2		
CLDAN	Chlordane	3	3	3	2	2	3	3	3	2		
CO	Cobalt	2	2	2	2	2	1	1	1	1		
CR	Chromium	3	3	3	2	2	3	3	3	3		
CRHEX	Hexavalent chromium											
CU	Copper	3	3	3	2	2	3	3	3	3		
CYN	Cyanide											
DBAHA	Dibenz[ah]anthracene						3	2	2	2		
DBZFUR	Dibenzofuran											
DCLB	Dichlorobenzene						2	2	2	2		
DLDRN	Dieldrin	3	3	3	2	2	3	3	3	3		
DMP	Dimethyl phthalate	2	2	2	1	1	2	2	2	2		
DNBP	Di-n-butyl phthalate	2	2	2	1	1	2	2	2	2		
DNOP	Di-n-octyl phthalate	2	2	2	1	1	2	2	2	2		
ENDRN	Endrin	2	2	2	2	2	1	1	1			
ENDRNA	Endrin aldehyde	2	2	2	2	2	1	1	1			
ETC6H5	Ethylbenzene											
F	Fluoride						3	3	3	2		
FANT	Fluoranthene						3	2	2	2		
FE	Iron	3	3	3	2	2	3	3	3	2		
FLRENE	Fluorene						3	2	2	2		
GCLDAN	gamma-Chlordane											
HG	Mercury	3	3	3	2	2	2	2	2	2		
HMX	Cyclotetramethylenetetranitramine						2	1	1	1		
HPCL	Heptachlor	2	2	2	2	2						
HPCLE	Heptachlor epoxide	2	2	2	2	2						
ICDPYR	Indeno[1,2,3-C,D]pyrene						3	2	2	2		
LIN	Lindane	2	2	2	2	2						
MEC6H5	Toluene											
MN	Manganese	3	3	3	2	2	3	2	2	2		
NAP	Naphthalene						3	2	2	2		
NB	Nitrobenzene						2	2	2	2		
NI	Nickel	2	2	2	2	2	2	2	2	2		
NIT	Nitrate/nitrite											
NNDPA	N-Nitrosodiphenylamine						3	2	2	2		
NO2	Nitrite											
NO3	Nitrate											
OCDD	Octachlorodibenzodioxin - nonspecific	2	2	2	1	1	3	3	3	2		

Weight of Evidence Rating for Uncertainty Factors (continued)

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
OCDF	Octachlorodibenzofuran - nonspecific	2	2	2	1	1	3	3	3	2		
PB	Lead	3	3	3	3	3	3	2	2	2		
PCB248	PCB 1248	3	3	3	2	2	2	2	2	2		
PCB254	PCB 1254	3	3	3	2	2	2	2	2	2		
PCB260	PCB 1260	3	3	3	2	2	2	2	2	2		
PETN	Pentaerythritol tetranitrate											
PH	pH											
PHANTR	Phenanthrene						3	2	2	2		
PHENOL	Phenol						3	3	3	2		
PO4	Phosphate											
PPDDD	ppDDD	2	2	2	2	3	3	3	3	2		
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	2	2	2	2	3	3	3	3	2		
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2	2	2	2	3	3	3	3	2		
PYR	Pyrene						3	2	2	2		
RDX	RDX / Cyclonite						2	2	2	2		
SB	Antimony						3	2	2	2		
SE	Selenium	3	3	3	2	2	2	2	2	2		
SO4	Sulfate											
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2	2	2	1	1	3	3	3	2		
TCDF	2,3,7,8-Tetrachlorodibenzofuran	2	2	2	1	1	3	3	3	2		
TCLEE	Tetrachloroethylene						3	3	3	2		
THCDD	Total hexachlorodibenzo-p-dioxins	2	2	2	1	1	3	3	3	2		
THCDF	Total hexachlorodibenzofurans	2	2	2	1	1	3	3	3	2		
THPCDD	Total heptachlorodibenzo-p-dioxins	2	2	2	1	1	3	3	3	2		
THPCDF	Total heptachlorodibenzofurans	2	2	2	1	1	3	3	3	2		
TL	Thallium	1	1	1			2	1	1	1		
TPCDD	Total pentachlorodibenzo-p-dioxins	2	2	2	1	1	3	3	3	2		
TPCDF	Total pentachlorodibenzofurans	2	2	2	1	1	3	3	3	2		
TPHC	Total Petroleum Hydrocarbons	3	3	3	2	2	2	2	2	2		
TPO4	Total Phosphates											
TRCLE	Trichloroethylene						2	2	2	2		
TTCDD	Total tetrachlorodibenzo-p-dioxins	2	2	2	1	1	3	3	3	2		
TTCDF	Total tetrachlorodibenzofurans	2	2	2	1	1	3	3	3	2		
V	Vanadium						2	2	2	1		
XYLEN	Xylenes						2	2	2	2		
ZN	Zinc	2	2	2	2	2	3	3	3	2		
SUM		**137**	**137**	**137**	**90**	**93**	**248**	**225**	**225**	**182**		

Weight of Evidence Rating for Analytical Detection Limits Relative to Toxicity Benchmark Values (TBVs)

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
111TCE	1,1,1-Trichloroethane											
12DCLB	1,2-Dichlorobenzene											
135TNB	1,3,5-Trinitrobenzene											
13DCLB	1,3-Dichlorobenzene											
13DMB	m-Xylene											
14DCLB	1,4-Dichlorobenzene											
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	10	10	10	10	10	10	10	10	10		
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	-10	10	10	10	10	10	10	10	10		
246TNT	2,4,6-Trinitrotoluene						-10	-10	-10	10		
24D	2,4-Dichlorophenoxyacetic acid						-10	10	-10	-10		
24DNT	2,4-Dinitrotoluene											
2MNAP	2-Methylnaphthalene											
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	10	10	10	10	10	10	10	10	10		
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	10	10	10	10	10	10	10	10	10		
678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	10	10	10	10	10	10	10	10	10		
678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	10	10	10	10	10	10	10	10	10		
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	10	10	10	10	10	10	10	10	10		
789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	10	10	10	10	10	10	10	10	10		
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	10	10	10	10	10	10	10	10	10		
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	10	10	10	10	10	10	10	10	10		
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	-10	10	10	10	10	-10	10	10	-10		
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	10	10	10	10	10	-10	-10	-10	-10		
ACET	Acetone											
ACLDAN	alpha-Chlordane											
AG	Silver	10	10	10	10	10	10	10	10	10		
AL	Aluminum	10					-10	10	10	10		
ANAPNE	Acenaphthene											
ANTRC	Anthracene											
AS	Arsenic	10	10	10	10	10	10	10	10	10		
B2EHP	Bis(2-ethylhexyl) phthalate											
BA	Barium	10	10	10	10	10	10	10	10	10		
BAANTR	Benzo[a]anthracene						10	10	10	10		
BAPYR	Benzo[a]pyrene											
BBFANT	Benzo[b]fluoranthene											
BBZP	Butylbenzyl phthalate											
BE	Beryllium	10	10	10	10	10	10	10	10	10		
BENSLF	Endosulfan II											
BGHIPY	Benzo[ghi]perylene											
BKFANT	Benzo[k]fluoranthene						10	10	10	10		
BZALC	Benzyl alcohol											
C14A	Myristic acid											
C15A	Pentadecanoic acid											
C16A	Palmitic acid											
C6H6	Benzene											

Weight of Evidence Rating for Analytical Detection Limits Relative to Toxicity Benchmark Values (TBVs) (continued)

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
CCL3F	Trichlorofluoromethane											
CD	Cadmium	-10	10	10	10	10	10	10	10	10		
CH3CL	Chloromethane											
CHCL3	Chloroform											
CHRY	Chrysene						10	10	10	10		
CLDAN	Chlordane											
CO	Cobalt	10	10	10	10	10	10	10	10	10		
CR	Chromium	10	10	10	10	10	10	10	10	10		
CRHEX	Hexavalent chromium											
CU	Copper	10	10	10	10	10	10	10	10	10		
CYN	Cyanide											
DBAHA	Dibenz[ah]anthracene											
DBZFUR	Dibenzofuran											
DCLB	Dichlorobenzene											
DLDRN	Dieldrin											
DMP	Dimethyl phthalate											
DNBP	Di-n-butyl phthalate											
DNOP	Di-n-octyl phthalate											
ENDRN	Endrin											
ENDRNA	Endrin aldehyde											
ETC6H5	Ethylbenzene											
F	Fluoride											
FANT	Fluoranthene						10	10	10	10		
FE	Iron	-10	10	10	10	10	-10	10	-10	-10		
FLRENE	Fluorene											
GCLDAN	gamma-Chlordane											
HG	Mercury	10	10	10	10	10	10	10	10	10		
HMX	Cyclotetramethylenetetranitramine											
HPCL	Heptachlor											
HPCLE	Heptachlor epoxide											
ICDPYR	Indeno[1,2,3-C,D]pyrene											
LIN	Lindane											
MEC6H5	Toluene											
MN	Manganese	10	10	10	10	10	10	10	10	10		
NAP	Naphthalene											
NB	Nitrobenzene											
NI	Nickel	10	10	10	10	10	10	10	10	10		
NIT	Nitrate/nitrite											
NNDPA	N-Nitrosodiphenylamine											
NO2	Nitrite											
NO3	Nitrate											
OCDD	Octachlorodibenzodioxin - nonspecific	10	10	10	10	10	10	10	10	10		

Weight of Evidence Rating for Analytical Detection Limits Relative to Toxicity Benchmark Values (TBVs) (continued)

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
OCDF	Octachlorodibenzofuran - nonspecific	10	10	10	10	10	10	10	10	10		
PB	Lead	-10	10	10	-10	-10	10	10	10	-10		
PCB248	PCB 1248											
PCB254	PCB 1254											
PCB260	PCB 1260											
PETN	Pentaerythritol tetranitrate											
PH	pH											
PHANTR	Phenanthrene						10	10	10	10		
PHENOL	Phenol											
PO4	Phosphate											
PPDDD	ppDDD											
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	-10	10	10	10	10	10	10	10	10		
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	-10	10	10	10	10	10	10	10	10		
PYR	Pyrene						10	10	10	10		
RDX	RDX / Cyclonite						-10	-10	-10	10		
SB	Antimony						-10	10	10	-10		
SE	Selenium	-10	10	10	10	10	-10	10	-10	-10		
SO4	Sulfate											
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	10	10	10	10	10	10	10	10	-10		
TCDF	2,3,7,8-Tetrachlorodibenzofuran	10	10	10	10	10	10	10	10	10		
TCLEE	Tetrachloroethylene											
THCDD	Total hexachlorodibenzo-p-dioxins											
THCDF	Total hexachlorodibenzofurans											
THPCDD	Total heptachlorodibenzo-p-dioxins											
THPCDF	Total heptachlorodibenzofurans											
TL	Thallium											
TPCDD	Total pentachlorodibenzo-p-dioxins											
TPCDF	Total pentachlorodibenzofurans											
TPHC	Total Petroleum Hydrocarbons											
TPO4	Total Phosphates											
TRCLE	Trichloroethylene											
TTCDD	Total tetrachlorodibenzo-p-dioxins											
TTCDF	Total tetrachlorodibenzofurans											
V	Vanadium						10	10	10	10		
XYLEN	Xylenes											
ZN	Zinc	-10	10	10	10	10	10	10	10	10		
SUM		**160**	**330**	**330**	**310**	**310**	**270**	**390**	**330**	**290**		

Weight of Evidence Rating for Data Quality/Data Type

Location by SWMU	WOE
RSA	200
01	100
1b	200
1c	200
03	100
04	100
06	100
07	100
08	100
10	200
11	250
12	200
13	100
14	250
15	200
19	100
20	100
21	200
22	100
23	150
25	100
26	100
27	100
28	100
29	100
30	100
31	100
32	100
34	100
35	100
36	100
37	200
38	100
40	100
42	200
45	250
46	100
47	100

Note-Ranking is as follows: 250 - soil + biota + surface water samples
200 - soil + biota samples
150 - soil + surface water samples
100 - soil samples only

Weight of Evidence Rating for Cterm for all Except SWMU 45 and RSA

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
111TCE	1,1,1-Trichloroethane											
12DCLB	1,2-Dichlorobenzene											
135TNB	1,3,5-Trinitrobenzene											
13DCLB	1,3-Dichlorobenzene											
13DMB	1,3-Dimethylbenzene (m-Xylene)											
14DCLB	1,4-Dichlorobenzene											
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	7	4	1	1	1	6	3	3	4		
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	7	4	1	1	1	6	3	3	4		
246TNT	2,4,6-Trinitrotoluene	5	2	1	1	1	4	3	3	2		
24D	2,4-Dichlorophenoxyacetic acid	5	2	1	1	1	4	3	3	2		
24DNT	2,4-Dinitrotoluene											
2MNAP	2-Methylnaphthalene											
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	8	5	2	2	2	6	3	3	5		
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	7	4	1	1	1	6	3	3	4		
678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	7	4	1	1	1	6	3	3	4		
678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	7	4	1	1	1	6	3	3	4		
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	7	4	1	1	1	6	3	3	4		
789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	7	4	1	1	1	6	3	3	4		
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	7	4	1	1	1	6	3	3	4		
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	7	4	1	1	1	6	3	3	4		
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	7	4	1	1	1	6	3	3	4		
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	7	4	1	1	1	6	3	3	4		
ACET	Acetone											
ACLDAN	alpha-Chlordane											
AG	Silver	8	5	2	2	2	6	3	3	5		
AL	Aluminum	8	5	2	2	2	6	3	3	5		
ANAPNE	Acenaphthene											
ANTRC	Anthracene											
AS	Arsenic	8	5	2	2	2	6	3	3	5		
B2EHP	Bis(2-ethylhexyl) phthalate											
BA	Barium	8	5	2	2	2	6	3	3	5		
BAANTR	Benzo[a]anthracene	5	2	1	1	1	4	3	3	2		
BAPYR	Benzo[a]pyrene											
BBFANT	Benzo[b]fluoranthene											
BBZP	Butylbenzyl phthalate											
BE	Beryllium	8	5	2	2	2	6	3	3	5		
BENSLF	Endosulfan II											
BGHIPY	Benzo[ghi]perylene											
BKFANT	Benzo[k]fluoranthene	5	2	1	1	1	4	3	3	2		
BZALC	Benzyl alcohol											
C14A	Myristic acid											
C15A	Pentadecanoic acid											
C16A	Palmitic acid											
C6H6	Benzene											

Weight of Evidence Rating for Cterm for all Except SWMU 45 and RSA (continued)

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
CCL3F	Trichlorofluoromethane											
CD	Cadmium	8	5	2	2	2	6	3	3	5		
CH3CL	Chloromethane											
CHCL3	Chloroform											
CHRY	Chrysene	5	2	1	1	1	4	3	3	2		
CLDAN	Chlordane											
CO	Cobalt	8	5	2	2	2	6	3	3	5		
CR	Chromium	8	5	2	2	2	6	3	3	5		
CRHEX	Hexavalent chromium											
CU	Copper	8	5	2	2	2	6	3	3	5		
CYN	Cyanide											
DBAHA	Dibenz[ah]anthracene											
DBZFUR	Dibenzofuran											
DCLB	Dichlorobenzene											
DLDRN	Dieldrin											
DMP	Dimethyl phthalate											
DNBP	Di-n-butyl phthalate											
DNOP	Di-n-octyl phthalate											
ENDRN	Endrin											
ENDRNA	Endrin aldehyde											
ETC6H5	Ethylbenzene											
F	Fluoride											
FANT	Fluoranthene	5	2	1	1	1	4	3	3	2		
FE	Iron	8	5	2	2	2	6	3	3	5		
FLRENE	Fluorene											
GCLDAN	gamma-Chlordane											
HG	Mercury	8	5	2	2	2	6	3	3	5		
HMX	Cyclotetramethylenetetranitramine											
HPCL	Heptachlor											
HPCLE	Heptachlor epoxide											
ICDPYR	Indeno[1,2,3-C,D]pyrene											
LIN	Lindane											
MEC6H5	Toluene											
MN	Manganese	8	5	2	2	2	6	3	3	5		
NAP	Naphthalene											
NB	Nitrobenzene											
NI	Nickel	8	5	2	2	2	6	3	3	5		
NIT	Nitrate/nitrite											
NNDPA	N-Nitrosodiphenylamine											
NO2	Nitrite											
NO3	Nitrate											
OCDD	Octachlorodibenzodioxin - nonspecific	8	5	2	2	2	6	3	3	5		

Weight of Evidence Rating for Cterm for all Except SWMU 45 and RSA (continued)

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
OCDF	Octachlorodibenzofuran - nonspecific	7	4	1	1	1	6	3	3	4		
PB	Lead	8	5	2	2	2	6	3	3	5		
PCB248	PCB 1248											
PCB254	PCB 1254											
PCB260	PCB 1260											
PETN	Pentaerythritol tetranitrate											
PH	pH											
PHANTR	Phenanthrene	5	2	1	1	1	4	3	3	2		
PHENOL	Phenol											
PO4	Phosphate											
PPDDD	ppDDD	8	5	2	2	2	6	3	3	5		
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	8	5	2	2	2	6	3	3	5		
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	8	5	2	2	2	6	3	3	5		
PYR	Pyrene	5	2	1	1	1	4	3	3	2		
RDX	RDX / Cyclonite	5	2	1	1	1	4	3	3	2		
SB	Antimony	8	1	2	2	2	6	3	3	5		
SE	Selenium	8	5	2	2	2	6	3	3	5		
SO4	Sulfate											
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	8	5	2	2	2	6	3	3	5		
TCDF	2,3,7,8-Tetrachlorodibenzofuran	8	5	2	2	2	6	3	3	5		
TCLEE	Tetrachloroethylene											
THCDD	Total hexachlorodibenzo-p-dioxins	7	4	1	1	1	6	3	3	4		
THCDF	Total hexachlorodibenzofurans	7	4	1	1	1	6	3	3	4		
THPCDD	Total heptachlorodibenzo-p-dioxins	7	4	1	1	1	6	3	3	4		
THPCDF	Total heptachlorodibenzofurans	7	4	1	1	1	6	3	3	4		
TL	Thallium											
TPCDD	Total pentachlorodibenzo-p-dioxins	7	4	1	1	1	6	3	3	4		
TPCDF	Total pentachlorodibenzofurans	7	4	1	1	1	6	3	3	4		
TPHC	Total Petroleum Hydrocarbons											
TPO4	Total Phosphates											
TRCLE	Trichloroethylene											
TTCDD	Total tetrachlorodibenzo-p-dioxins	7	4	1	1	1	6	3	3	4		
TTCDF	Total tetrachlorodibenzofurans	7	4	1	1	1	6	3	3	4		
V	Vanadium	8	5	2	2	2	6	3	3	5		
XYLEN	Xylenes											
ZN	Zinc	8	5	2	2	2	6	3	3	5		
WOE SUMS		**128**	**110**	**79**	**79**	**79**	**153**	**162**	**162**	**112**		

Weight of Evidence Rating for Cterm for SWMU 45 and RSA

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
111TCE	1,1,1-Trichloroethane											
12DCLB	1,2-Dichlorobenzene											
135TNB	1,3,5-Trinitrobenzene											
13DCLB	1,3-Dichlorobenzene											
13DMB	1,3-Dimethylbenzene (m-Xylene)											
14DCLB	1,4-Dichlorobenzene											
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	8	5	2	2	2	6	3	3	5		
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	8	5	2	2	2	6	3	3	5		
246TNT	2,4,6-Trinitrotoluene	6	3	2	2	2	4	3	3	3		
24D	2,4-Dichlorophenoxyacetic acid	6	3	2	2	2	4	3	3	3		
24DNT	2,4-Dinitrotoluene											
2MNAP	2-Methylnaphthalene											
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	9	6	3	3	3	6	3	3	6		
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	8	5	2	2	2	6	3	3	5		
678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	8	5	2	2	2	6	3	3	5		
678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	8	5	2	2	2	6	3	3	5		
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	8	5	2	2	2	6	3	3	5		
789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	8	5	2	2	2	6	3	3	5		
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	8	5	2	2	2	6	3	3	5		
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	8	5	2	2	2	6	3	3	5		
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	8	5	2	2	2	6	3	3	5		
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	8	5	2	2	2	6	3	3	5		
ACET	Acetone											
ACLDAN	alpha-Chlordane											
AG	Silver	9	6	3	3	3	6	3	3	6		
AL	Aluminum	9	6	3	3	3	6	3	3	6		
ANAPNE	Acenaphthene											
ANTRC	Anthracene											
AS	Arsenic	9	6	3	3	3	6	3	3	6		
B2EHP	Bis(2-ethylhexyl) phthalate											
BA	Barium	8	5	2	2	2	6	3	3	5		
BAANTR	Benzo[a]anthracene	6	3	2	2	2	4	3	3	3		
BAPYR	Benzo[a]pyrene											
BBFANT	Benzo[b]fluoranthene											
BBZP	Butylbenzyl phthalate											
BE	Beryllium	9	6	3	3	3	6	3	3	6		
BENSLF	Endosulfan II											
BGHIPY	Benzo[ghi]perylene											
BKFANT	Benzo[k]fluoranthene	6	3	2	2	2	4	3	3	3		
BZALC	Benzyl alcohol											
C14A	Myristic acid											
C15A	Pentadecanoic acid											
C16A	Palmitic acid											
C6H6	Benzene											

Weight of Evidence Rating for Cterm for SWMU 45 and RSA (continued)

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
CCL3F	Trichlorofluoromethane											
CD	Cadmium	9	6	3	3	3	6	3	3	6		
CH3CL	Chloromethane											
CHCL3	Chloroform											
CHRY	Chrysene	6	3	2	2	2	4	3	3	3		
CLDAN	Chlordane											
CO	Cobalt	9	6	3	3	3	6	3	3	6		
CR	Chromium	9	6	3	3	3	6	3	3	6		
CRHEX	Hexavalent chromium											
CU	Copper	9	6	3	3	3	6	3	3	6		
CYN	Cyanide											
DBAHA	Dibenz[ah]anthracene											
DBZFUR	Dibenzofuran											
DCLB	Dichlorobenzene											
DLDRN	Dieldrin											
DMP	Dimethyl phthalate											
DNBP	Di-n-butyl phthalate											
DNOP	Di-n-octyl phthalate											
ENDRN	Endrin											
ENDRNA	Endrin aldehyde											
ETC6H5	Ethylbenzene											
F	Fluoride											
FANT	Fluoranthene	6	3	2	2	2	4	3	3	3		
FE	Iron	9	6	3	3	3	6	3	3	6		
FLRENE	Fluorene											
GCLDAN	gamma-Chlordane											
HG	Mercury	9	6	3	3	3	6	3	3	6		
HMX	Cyclotetramethylenetetranitramine											
HPCL	Heptachlor											
HPCLE	Heptachlor epoxide											
ICDPYR	Indeno[1,2,3-C,D]pyrene											
LIN	Lindane											
MEC6H5	Toluene											
MN	Manganese	9	6	3	3	3	6	3	3	6		
NAP	Naphthalene											
NB	Nitrobenzene											
NI	Nickel	9	6	3	3	3	6	3	3	6		
NIT	Nitrate/nitrite											
NNDPA	N-Nitrosodiphenylamine											
NO2	Nitrite											
NO3	Nitrate											
OCDD	Octachlorodibenzodioxin - nonspecific	9	6	3	3	3	6	3	3	6		

Weight of Evidence Rating for Cterm for SWMU 45 and RSA (continued)

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
OCDF	Octachlorodibenzofuran - nonspecific	8	5	2	2	2	6	3	3	5		
PB	Lead	9	6	3	3	3	6	3	3	6		
PCB248	PCB 1248											
PCB254	PCB 1254											
PCB260	PCB 1260											
PETN	Pentaerythritol tetranitrate											
PH	pH											
PHANTR	Phenanthrene	6	3	2	2	2	4	3	3	3		
PHENOL	Phenol											
PO4	Phosphate											
PPDDD	ppDDD	8	5	2	2	2	6	3	3	5		
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	8	5	2	2	2	6	3	3	5		
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethan	8	5	2	2	2	6	3	3	5		
PYR	Pyrene	5	2	1	1	1	4	3	3	2		
RDX	RDX / Cyclonite	5	2	1	1	1	4	3	3	2		
SB	Antimony	9	6	3	3	3	6	3	3	6		
SE	Selenium	9	6	3	3	3	6	3	3	6		
SO4	Sulfate											
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	9	6	3	3	3	6	3	3	6		
TCDF	2,3,7,8-Tetrachlorodibenzofuran	9	6	3	3	3	6	3	3	6		
TCLEE	Tetrachloroethylene											
THCDD	Total hexachlorodibenzo-p-dioxins	8	5	2	2	2	6	3	3	5		
THCDF	Total hexachlorodibenzofurans	8	5	2	2	2	6	3	3	5		
THPCDD	Total heptachlorodibenzo-p-dioxins	8	5	2	2	2	6	3	3	5		
THPCDF	Total heptachlorodibenzofurans	8	5	2	2	2	6	3	3	5		
TL	Thallium	3	2	1	1	1	2	1	1	2		
TPCDD	Total pentachlorodibenzo-p-dioxins	8	5	2	2	2	6	3	3	5		
TPCDF	Total pentachlorodibenzofurans	8	5	2	2	2	6	3	3	5		
TPHC	Total Petroleum Hydrocarbons											
TPO4	Total Phosphates											
TRCLE	Trichloroethylene											
TTCDD	Total tetrachlorodibenzo-p-dioxins	8	5	2	2	2	6	3	3	5		
TTCDF	Total tetrachlorodibenzofurans	8	5	2	2	2	6	3	3	5		
V	Vanadium	9	6	3	3	3	6	3	3	6		
XYLEN	Xylenes											
ZN	Zinc	9	6	3	3	3	6	3	3	6		
WOE SUMS		**145**	**137**	**128**	**128**	**128**	**154**	**163**	**163**	**137**		

Weight of Evidence Rating for Number of Samples

SWMU	N, Total No. of Samples	RANK - WOE
RSA	81	300
01	81	300
1b	11	100
1c	8	100
03	7	100
04	100	300
06	71	300
07	51	300
08	38	200
10	59	300
11	44	200
12	9	100
13	16	100
14	27	200
15	50	200
19	12	100
20	54	300
21	29	200
22	30	200
23	35	200
25	44	200
26	45	200
27	7	100
28	24	100
29	36	200
30	82	300
31	21	100
32	15	100
34	27	200
35	28	200
36	31	200
37	41	200
38	5	100
40	71	300
42	99	300
45	41	200
46	124	300
47	12	100

Note-Ranking is as follows:	N	Rank	Relative Rank
	<25	100	LOW
	25-50	200	MED
	>50	300	HIGH

Weight of Evidence (WOE) Rating for Passerine Bird HIs for Each Study Area

	CATEGORY							
	DL/TBV Comp	DQ	Cterm	TBVs	UFs	N	RSA	
SWMU	1	2	3	4	5	6	7	Total WOE
01	160	100		92	137	300	100	889
03	160	100		92	137	100	0	589
04	160	100		92	137	300	100	889
06	160	100		92	137	300	100	889
07	160	100		92	137	300	0	789
08	160	100		92	137	200	100	789
10	160	200	128	92	137	300	0	1017
11	160	250	128	92	137	200	100	1067
12	160	200	128	92	137	100	0	817
13	160	100		92	137	100	0	589
14	160	250		92	137	200	100	939
15	160	200	128	92	137	200	100	1017
19	160	100		92	137	100	100	689
1b	160	200	128	92	137	100	0	817
1c	160	200	128	92	137	100	0	817
20	160	100		92	137	300	100	889
21	160	200	128	92	137	200	200	1117
22	160	100		92	137	200	0	689
23	160	150		92	137	200	100	839
25	160	100		92	137	200	100	789
26	160	100		92	137	200	100	789
27	160	100		92	137	100	100	689
28	160	100		92	137	100	0	589
29	160	100		92	137	200	0	689
30	160	100		92	137	300	100	889
31	160	100		92	137	100	0	589
32	160	100		92	137	100	0	589
34	160	100		92	137	200	0	689
35	160	100		92	137	200	0	689
36	160	100		92	137	200	0	689
37	160	200	128	92	137	200	0	917
38	160	100		92	137	100	0	589
40	160	100		92	137	300	0	789
42	160	200	128	92	137	300	100	1117
45	160	250	145	92	137	200	100	1084
46	160	100		92	137	300	0	789
47	160	100		92	137	100	100	689
RSA	160	200	145	92	137	300	0	1034
WOE Range	min 589							
	max 1117							
	mean 811							

Weight of Evidence (WOE) Rating for American Kestrel HIs for Each Study Area

		CATEGORY						
		DL/TBV Comp	DQ	Cterm	TBVs	UFs	N	RSA	
SWMU		1	2	3	4	5	6	7	Total WOE
RSA		330	200	137	92	137	300	0	1196
01		330	100		92	137	300	100	1059
1b		330	200	110	92	137	100	0	969
1c		330	200	110	92	137	100	0	969
03		330	100		92	137	100	0	759
04		330	100		92	137	300	0	959
06		330	100		92	137	300	0	959
07		330	100		92	137	300	0	959
08		330	100		92	137	200	0	859
10		330	200	110	92	137	300	0	1169
11		330	250	110	92	137	200	0	1119
12		330	200	110	92	137	100	0	969
13		330	100		92	137	100	0	759
14		330	250		92	137	200	0	1009
15		330	200	110	92	137	200	0	1069
19		330	100		92	137	100	0	759
20		330	100		92	137	300	0	959
21		330	200	110	92	137	200	0	1069
22		330	100		92	137	200	0	859
23		330	150		92	137	200	0	909
25		330	100		92	137	200	0	859
26		330	100		92	137	200	0	859
27		330	100		92	137	100	0	759
28		330	100		92	137	100	0	759
29		330	100		92	137	200	0	859
30		330	100		92	137	300	0	959
31		330	100		92	137	100	0	759
32		330	100		92	137	100	0	759
34		330	100		92	137	200	0	859
35		330	100		92	137	200	0	859
36		330	100		92	137	200	0	859
37		330	200	110	92	137	200	0	1069
38		330	100		92	137	100	0	759
40		330	100		92	137	300	0	959
42		330	200	110	92	137	300	0	1169
45		330	250	137	92	137	200	0	1146
46		330	100		92	137	300	0	959
47		330	100		92	137	100	0	759
WOE Range	min	589							
	max	1196							
	mean	929							

Weight of Evidence (WOE) Rating for the Great Horned Owl HIs for Each Study Area

	CATEGORY							
	DL/TBV Comp	DQ	Cterm	TBVs	UFs	N	RSA	
SWMU	1	2	3	4	5	6	7	Total WOE
01	330	100		92	137	300	0	959
03	330	100		92	137	100	0	759
04	330	100		92	137	300	0	959
06	330	100		92	137	300	0	959
07	330	100		92	137	300	0	959
08	330	100		92	137	200	0	859
10	330	200	79	92	137	300	0	1138
11	330	250	79	92	137	200	0	1088
12	330	200	79	92	137	100	0	938
13	330	100		92	137	100	0	759
14	330	250		92	137	200	0	1009
15	330	200	79	92	137	200	0	1038
19	330	100		92	137	100	0	759
1b	330	200	79	92	137	100	0	938
1c	330	200	79	92	137	100	0	938
20	330	100		92	137	300	0	959
21	330	200	79	92	137	200	0	1038
22	330	100		92	137	200	0	859
23	330	150		92	137	200	0	909
25	330	100		92	137	200	0	859
26	330	100		92	137	200	0	859
27	330	100		92	137	100	0	759
28	330	100		92	137	100	0	759
29	330	100		92	137	200	0	859
30	330	100		92	137	300	0	959
31	330	100		92	137	100	0	759
32	330	100		92	137	100	0	759
34	330	100		92	137	200	0	859
35	330	100		92	137	200	0	859
36	330	100		92	137	200	0	859
37	330	200	79	92	137	200	0	1038
38	330	100		92	137	100	0	759
40	330	100		92	137	300	0	959
42	330	200	79	92	137	300	0	1138
45	330	250	128	92	137	200	0	1137
46	330	100		92	137	300	0	959
47	330	100		92	137	100	0	759
RSA	330	200	128	92	137	300	0	1187
WOE Range	min 759							
	max 1187							
	mean 919							

Weight of Evidence Rating for the Golden Eagle HIs for Each Study Area

	CATEGORY							
	DL/TBV Comp	DQ	Cterm	TBVs	UFs	N	RSA	
SWMU	1	2	3	4	5	6	7	Total WOE
RSA	310	200	128	92	90	300	0	1120
01	310	100		92	90	300	0	892
1b	310	200	79	92	90	100	0	871
1c	310	200	79	92	90	100	0	871
03	310	100		92	90	100	0	692
04	310	100		92	90	300	0	892
06	310	100		92	90	300	0	892
07	310	100		92	90	300	0	892
08	310	100		92	90	200	0	792
10	310	200	79	92	90	300	0	1071
11	310	250	79	92	90	200	0	1021
12	310	200	79	92	90	100	0	871
13	310	100		92	90	100	0	692
14	310	250		92	90	200	0	942
15	310	200	79	92	90	200	0	971
19	310	100		92	90	100	0	692
20	310	100		92	90	300	0	892
21	310	200	79	92	90	200	0	971
22	310	100		92	90	200	0	792
23	310	150		92	90	200	0	842
25	310	100		92	90	200	0	792
26	310	100		92	90	200	0	792
27	310	100		92	90	100	0	692
28	310	100		92	90	100	0	692
29	310	100		92	90	200	0	792
30	310	100		92	90	300	0	892
31	310	100		92	90	100	0	692
32	310	100		92	90	100	0	692
34	310	100		92	90	200	0	792
35	310	100		92	90	200	0	792
36	310	100		92	90	200	0	792
37	310	200	79	92	90	200	0	971
38	310	100		92	90	100	0	692
40	310	100		92	90	300	0	892
42	310	200	79	92	90	300	0	1071
45	310	250	128	92	90	200	0	1070
46	310	100		92	90	300	0	892
47	310	100		92	90	100	0	692
WOE Range	min 692							
	max 1120							
	mean 852							

Weight of Evidence Rating for the Bald Eagle HIs for Each Study Area

	CATEGORY							
	DL/TBV Comp	DQ	Cterm	TBVs	UFs	N	RSA	
SWMU	1	2	3	4	5	6	7	Total WOE
RSA	310	200	128	92	93	300	0	1123
01	310	100		92	93	300	0	895
1b	310	200	79	92	93	100	0	874
1c	310	200	79	92	93	100	0	874
03	310	100		92	93	100	0	695
04	310	100		92	93	300	0	895
06	310	100		92	93	300	0	895
07	310	100		92	93	300	0	895
08	310	100		92	93	200	0	795
10	310	200	79	92	93	300	0	1074
11	310	250	79	92	93	200	0	1024
12	310	200	79	92	93	100	0	874
13	310	100		92	93	100	0	695
14	310	250		92	93	200	0	945
15	310	200	79	92	93	200	0	974
19	310	100		92	93	100	0	695
20	310	100		92	93	300	0	895
21	310	200	79	92	93	200	0	974
22	310	100		92	93	200	0	795
23	310	150		92	93	200	0	845
25	310	100		92	93	200	0	795
26	310	100		92	93	200	0	795
27	310	100		92	93	100	0	695
28	310	100		92	93	100	0	695
29	310	100		92	93	200	0	795
30	310	100		92	93	300	0	895
31	310	100		92	93	100	0	695
32	310	100		92	93	100	0	695
34	310	100		92	93	200	0	795
35	310	100		92	93	200	0	795
36	310	100		92	93	200	0	795
37	310	200	79	92	93	200	0	974
38	310	100		92	93	100	0	695
40	310	100		92	93	300	0	895
42	310	200	79	92	93	300	0	1074
45	310	250	128	92	93	200	0	1073
46	310	100		92	93	300	0	895
47	310	100		92	93	100	0	695
WOE Range	min	695						
	max	1123						
	mean	855						

Weight of Evidence Rating for the Deer Mouse HIs for Each Study Area

	CATEGORY							
	DL/TBV Comp	DQ	Cterm	TBVs	UFs	N	RSA	
SWMU	1	2	3	4	5	6	7	Total WOE
RSA	270	200	154	148	248	300	0	1320
01	270	100		148	248	300	100	1166
1b	270	200	153	148	248	100	0	1119
1c	270	200	153	148	248	100	0	1119
03	270	100		148	248	100	0	866
04	270	100		148	248	300	100	1166
06	270	100		148	248	300	100	1166
07	270	100		148	248	300	100	1166
08	270	100		148	248	200	100	1066
10	270	200	153	148	248	300	100	1419
11	270	250	153	148	248	200	100	1369
12	270	200	153	148	248	100	0	1119
13	270	100		148	248	100	0	866
14	270	250		148	248	200	0	1116
15	270	200	153	148	248	200	100	1319
19	270	100		148	248	100	100	966
20	270	100		148	248	300	100	1166
21	270	200	153	148	248	200	100	1319
22	270	100		148	248	200	100	1066
23	270	150		148	248	200	0	1016
25	270	100		148	248	200	100	1066
26	270	100		148	248	200	0	966
27	270	100		148	248	100	0	866
28	270	100		148	248	100	0	866
29	270	100		148	248	200	0	966
30	270	100		148	248	300	100	1166
31	270	100		148	248	100	0	866
32	270	100		148	248	100	0	866
34	270	100		148	248	200	0	966
35	270	100		148	248	200	0	966
36	270	100		148	248	200	100	1066
37	270	200	153	148	248	200	0	1219
38	270	100		148	248	100	0	866
40	270	100		148	248	300	100	1166
42	270	200	153	148	248	300	100	1419
45	270	250	154	148	248	200	0	1270
46	270	100		148	248	300	0	1066
47	270	100		148	248	100	0	866
WOE Range	min	866						
	max	1419						
	mean	1089						

Weight of Evidence Rating for the Mule Deer HIs for Each Study Area

	CATEGORY							
	DL/TBV Comp	DQ	Cterm	TBVs	UFs	N	RSA	
SWMU	1	2	3	4	5	6	7	Total WOE
RSA	390	200	163	148	225	300	0	1426
01	390	100		148	225	300	100	1263
1b	390	200	162	148	225	100	0	1225
1c	390	200	162	148	225	100	0	1225
03	390	100		148	225	100	0	963
04	390	100		148	225	300	0	1163
06	390	100		148	225	300	0	1163
07	390	100		148	225	300	0	1163
08	390	100		148	225	200	0	1063
10	390	200	162	148	225	300	0	1425
11	390	250	162	148	225	200	0	1375
12	390	200	162	148	225	100	0	1225
13	390	100		148	225	100	0	963
14	390	250		148	225	200	0	1213
15	390	200	162	148	225	200	0	1325
19	390	100		148	225	100	0	963
20	390	100		148	225	300	0	1163
21	390	200	162	148	225	200	0	1325
22	390	100		148	225	200	0	1063
23	390	150		148	225	200	0	1113
25	390	100		148	225	200	0	1063
26	390	100		148	225	200	0	1063
27	390	100		148	225	100	0	963
28	390	100		148	225	100	0	963
29	390	100		148	225	200	0	1063
30	390	100		148	225	300	0	1163
31	390	100		148	225	100	0	963
32	390	100		148	225	100	0	963
34	390	100		148	225	200	0	1063
35	390	100		148	225	200	0	1063
36	390	100		148	225	200	0	1063
37	390	200	162	148	225	200	0	1325
38	390	100		148	225	100	0	963
40	390	100		148	225	300	0	1163
42	390	200	162	148	225	300	100	1525
45	390	250	163	148	225	200	0	1376
46	390	100		148	225	300	0	1163
47	390	100		148	225	100	0	963
WOE Range	min	963						
	max	1525						
	mean	1149						

Weight of Evidence Rating for the Jackrabbit HIs for Each Study Area

		CATEGORY						
	DL/TBV Com	DQ	Cterm	TBVs	UFs	N	RSA	
SWMU	1	2	3	4	5	6	7	Total WOE
RSA	330	200	163	148	225	300	0	1366
01	330	100		148	225	300	100	1203
1b	330	200	162	148	225	100	0	1165
1c	330	200	162	148	225	100	0	1165
03	330	100		148	225	100	0	903
04	330	100		148	225	300	0	1103
06	330	100		148	225	300	0	1103
07	330	100		148	225	300	100	1203
08	330	100		148	225	200	0	1003
10	330	200	162	148	225	300	0	1365
11	330	250	162	148	225	200	0	1315
12	330	200	162	148	225	100	0	1165
13	330	100		148	225	100	0	903
14	330	250		148	225	200	0	1153
15	330	200	162	148	225	200	100	1365
19	330	100		148	225	100	0	903
20	330	100		148	225	300	0	1103
21	330	200	162	148	225	200	0	1265
22	330	100		148	225	200	0	1003
23	330	150		148	225	200	0	1053
25	330	100		148	225	200	0	1003
26	330	100		148	225	200	0	1003
27	330	100		148	225	100	0	903
28	330	100		148	225	100	0	903
29	330	100		148	225	200	0	1003
30	330	100		148	225	300	0	1103
31	330	100		148	225	100	0	903
32	330	100		148	225	100	0	903
34	330	100		148	225	200	0	1003
35	330	100		148	225	200	0	1003
36	330	100		148	225	200	0	1003
37	330	200	162	148	225	200	0	1265
38	330	100		148	225	100	0	903
40	330	100		148	225	300	0	1103
42	330	200	162	148	225	300	100	1465
45	330	250	163	148	225	200	0	1316
46	330	100		148	225	300	0	1103
47	330	100		148	225	100	0	903
WOE Range	min 903							
	max 1465							
	mean 1095							

Weight of Evidence Rating for the Kit Fox HIs for Each Study Area

	CATEGORY							
	DL/TBV Com	DQ	Cterm	TBVs	UFs	N	RSA	
SWMU	1	2	3	4	5	6	7	Total WOE
01	290	100		148	182	300	0	1020
03	290	100		148	182	100	0	820
04	290	100		148	182	300	0	1020
06	290	100		148	182	300	0	1020
07	290	100		148	182	300	0	1020
08	290	100		148	182	200	0	920
10	290	200	112	148	182	300	0	1232
11	290	250	112	148	182	200	0	1182
12	290	200	112	148	182	100	0	1032
13	290	100		148	182	100	0	820
14	290	250		148	182	200	0	1070
15	290	200	112	148	182	200	0	1132
19	290	100		148	182	100	0	820
1b	290	200	112	148	182	100	0	1032
1c	290	200	112	148	182	100	0	1032
20	290	100		148	182	300	0	1020
21	290	200	112	148	182	200	0	1132
22	290	100		148	182	200	0	920
23	290	150		148	182	200	0	970
25	290	100		148	182	200	0	920
26	290	100		148	182	200	0	920
27	290	100		148	182	100	0	820
28	290	100		148	182	100	0	820
29	290	100		148	182	200	0	920
30	290	100		148	182	300	0	1020
31	290	100		148	182	100	0	820
32	290	100		148	182	100	0	820
34	290	100		148	182	200	0	920
35	290	100		148	182	200	0	920
36	290	100		148	182	200	0	920
37	290	200	112	148	182	200	0	1132
38	290	100		148	182	100	0	820
40	290	100		148	182	300	0	1020
42	290	200	112	148	182	300	0	1232
45	290	250	137	148	182	200	0	1207
46	290	100		148	182	300	0	1020
47	290	100		148	182	100	0	820
RSA	290	200	137	148	182	300	0	1257
WOE Range	min 820							
	max 1257							
	mean 988							

Weight of Evidence Rating for Plants HIs for Each Study Area

	CATEGORY							
	DL/TBV Com	DQ	Cterm	TBVs	UFs	N	RSA	
SWMU	1	2	3	4	5	6	7	Total WOE
RSA	0	200		85	0	300	0	585
01	0	100		85	0	300	200	685
1b	0	200		85	0	100	0	385
1c	0	200		85	0	100	0	385
03	0	100		85	0	100	100	385
04	0	100		85	0	300	100	585
06	0	100		85	0	300	0	485
07	0	100		85	0	300	100	585
08	0	100		85	0	200	0	385
10	0	200		85	0	300	100	685
11	0	250		85	0	200	100	635
12	0	200		85	0	100	0	385
13	0	100		85	0	100	0	285
14	0	250		85	0	200	100	635
15	0	200		85	0	200	100	585
19	0	100		85	0	100	100	385
20	0	100		85	0	300	0	485
21	0	200		85	0	200	200	685
22	0	100		85	0	200	200	585
23	0	150		85	0	200	0	435
25	0	100		85	0	200	100	485
26	0	100		85	0	200	0	385
27	0	100		85	0	100	100	385
28	0	100		85	0	100	0	285
29	0	100		85	0	200	0	385
30	0	100		85	0	300	100	585
31	0	100		85	0	100	0	285
32	0	100		85	0	100	0	285
34	0	100		85	0	200	0	385
35	0	100		85	0	200	0	385
36	0	100		85	0	200	0	385
37	0	200		85	0	200	0	485
38	0	100		85	0	100	0	285
40	0	100		85	0	300	0	485
42	0	200		85	0	300	100	685
45	0	250		85	0	200	100	635
46	0	100		85	0	300	0	485
47	0	100		85	0	100	0	285
WOE Range	min 285							
	max 685							
	mean 469							

Weight of Evidence Rating for Soil Fauna HIs for Each Study Area

	CATEGORY							
	DL/TBV Comp	DQ	Cterm	TBVs	UFs	N	RSA	
SWMU	1	2	3	4	5	6	7	Total WOE
RSA	0	200	0	64	0	300	0	564
01	0	100	0	64	0	300	100	564
1b	0	200	0	64	0	100	0	364
1c	0	200	0	64	0	100	0	364
03	0	100	0	64	0	100	100	364
04	0	100	0	64	0	300	200	664
06	0	100	0	64	0	300	100	564
07	0	100	0	64	0	300	100	564
08	0	100	0	64	0	200	100	464
10	0	200	0	64	0	300	0	564
11	0	250	0	64	0	200	100	614
12	0	200	0	64	0	100	0	364
13	0	100	0	64	0	100	0	264
14	0	250	0	64	0	200	100	614
15	0	200	0	64	0	200	200	664
19	0	100	0	64	0	100	100	364
20	0	100	0	64	0	300	100	564
21	0	200	0	64	0	200	200	664
22	0	100	0	64	0	200	100	464
23	0	150	0	64	0	200	100	514
25	0	100	0	64	0	200	100	464
26	0	100	0	64	0	200	100	464
27	0	100	0	64	0	100	200	464
28	0	100	0	64	0	100	100	364
29	0	100	0	64	0	200	100	464
30	0	100	0	64	0	300	100	564
31	0	100	0	64	0	100	0	264
32	0	100	0	64	0	100	100	364
34	0	100	0	64	0	200	100	464
35	0	100	0	64	0	200	0	364
36	0	100	0	64	0	200	100	464
37	0	200	0	64	0	200	0	464
38	0	100	0	64	0	100	0	264
40	0	100	0	64	0	300	100	564
42	0	200	0	64	0	300	100	664
45	0	250	0	64	0	200	100	614
46	0	100	0	64	0	300	100	564
47	0	100	0	64	0	100	0	264
WOE Range	min 264							
	max 664							
	mean 480							

EVALUATION OF METHOD DETECTION LIMITS RELATIVE TO TOXICITY BENCHMARK VALUES

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Dioxins/Furans for Passerine Birds (Dietary Ingestion Rate = 1.388 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
2378-TCDD	gh[e]	3.10E-07	4.30E-07	yes	**12378-PeCDD**	gh	1.50E-06	2.08E-06	yes	**123478-HxCDD**	gh	1.80E-06	2.50E-06	yes
1.33E-06	rb[f]	6.90E-07	9.58E-07	yes	2.67E-06	rb	2.00E-06	2.78E-06	no	1.33E-05	rb	6.90E-06	9.58E-06	yes
	gw[g]	7.00E-07	9.72E-07	yes		gw	1.40E-06	1.94E-06	yes		gw	7.10E-06	9.85E-06	yes
	sc[h]	7.90E-07	1.10E-06	yes		sc	2.30E-06	3.19E-06	no		sc	3.30E-06	4.58E-06	yes
	jr[i]	7.90E-07	1.10E-06	yes		jr	3.10E-06	4.30E-06	no		jr	4.20E-06	5.83E-06	yes
123678-HxCDD	gh	1.90E-06	2.64E-06	yes	**123789-HxCDD**	gh	1.30E-06	1.80E-06	yes	**1234678-HpCDD**	gh	1.40E-06	1.94E-06	yes
1.33E-05	rb	2.10E-06	2.91E-06	yes	1.33E-03	rb	4.80E-06	6.66E-06	yes	1.33E-04	rb	1.50E-06	2.08E-06	yes
	gw	1.20E-06	1.67E-06	yes		gw	1.80E-06	2.50E-06	yes		gw	4.00E-07	5.55E-07	yes
	sc	1.20E-06	1.67E-06	yes		sc	1.60E-06	2.22E-06	yes		sc	1.70E-06	2.36E-06	yes
	jr	2.80E-06	3.89E-06	yes		jr	3.10E-06	4.30E-06	yes		jr	2.30E-06	3.19E-06	yes
OCDD	gh	2.10E-06	2.91E-06	yes	**2378-TCDF**	gh	5.40E-07	7.50E-07	yes	**12378-PeCDF**	gh	1.10E-06	1.53E-06	yes
1.33E-03	rb	8.40E-06	1.17E-05	yes	1.33E-05	rb	8.00E-07	1.11E-06	yes	2.67E-05	rb	1.60E-06	2.22E-06	yes
	gw	3.70E-06	5.14E-06	yes		gw	4.00E-07	5.55E-07	yes		gw	4.60E-06	6.38E-06	yes
	sc	3.00E-06	4.16E-06	yes		sc	6.00E-07	8.33E-07	yes		sc	1.70E-06	2.36E-06	yes
	jr	6.30E-06	8.74E-06	yes		jr	8.80E-07	1.22E-06	yes		jr	1.70E-06	2.36E-06	yes
23478-PeCDF	gh	1.00E-06	1.39E-06	yes	**123478-HxCDF**	gh	1.60E-06	2.22E-06	yes	**123678-HxCDF**	gh	1.40E-06	1.94E-06	yes
2.67E-06	rb	3.20E-06	4.44E-06	no	1.33E-03	rb	4.20E-06	5.83E-06	yes	1.33E-03	rb	1.00E-06	1.39E-06	yes
	gw	2.48E-05	3.44E-05	no		gw	2.10E-06	2.91E-06	yes		gw	2.50E-06	3.47E-06	yes
	sc	3.10E-06	4.30E-06	no		sc	1.30E-06	1.80E-06	yes		sc	1.30E-06	1.80E-06	yes
	jr	3.90E-06	5.41E-06	no		jr	1.50E-06	2.08E-06	yes		jr	2.70E-06	3.75E-06	yes
234678-HxCDF	gh	1.90E-06	2.64E-06	yes	**123789-HxCDF**	gh	9.40E-07	1.30E-06	yes	**1234678-HpCDF**	gh	1.40E-06	1.94E-06	yes
1.33E-05	rb	3.10E-06	4.30E-06	yes	1.33E-03	rb	3.10E-06	4.30E-06	yes	1.33E-04	rb	1.40E-06	1.94E-06	yes
	gw	3.90E-06	5.41E-06	yes		gw	7.00E-07	9.72E-07	yes		gw	2.10E-06	2.91E-06	yes
	sc	2.40E-06	3.33E-06	yes		sc	2.20E-06	3.05E-06	yes		sc	1.50E-06	2.08E-06	yes
	jr	1.80E-06	2.50E-06	yes		jr	1.90E-06	2.64E-06	yes		jr	1.90E-06	2.64E-06	yes
1234789-HpCDF	gh	1.90E-06	2.64E-06	yes	**OCDF**	gh	2.10E-06	2.91E-06	yes					
1.33E-03	rb	7.40E-06	1.03E-05	yes	1.33E-03	rb	7.00E-06	9.72E-06	yes					
	gw	2.00E-06	2.78E-06	yes		gw	2.60E-06	3.61E-06	yes					
	sc	3.30E-06	4.58E-06	yes		sc	1.78E-05	2.47E-05	yes					
	jr	1.50E-06	2.08E-06	yes		jr	6.50E-06	9.02E-06	yes					

Note.—TBVs are for avian species. Passerine>insects(grasshoppers), plants (seeds), and small mammal carcass (jackrabbit). Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value.

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]gh = grasshopper.

[f]rb = rabbitbrush.

[g]gw =gumweed.

[h]sc = sweetclover.

[i]jr = jackrabbit.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Dioxins/Furans for the American Kestrel (Dietary Ingestion Rate = 0.29 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
2378-TCDD	gh[e]	3.10E-07	8.99E-08	yes	**12378-PeCDD**	gh	1.50E-06	4.35E-07	yes	**123478-HxCDD**	gh	1.80E-06	5.22E-07	yes
1.33E-06	jr[f]	7.90E-07	2.29E-07	yes	2.67E-06	jr	3.10E-06	8.99E-07	yes	1.33E-05	jr	4.20E-06	1.22E-06	yes
123678-HxCDD	gh	1.90E-06	5.51E-07	yes	**123789-HxCDD**	gh	1.30E-06	3.77E-07	yes	**1234678-HpCDD**	gh	1.40E-06	4.06E-07	yes
1.33E-05	jr	2.80E-06	8.12E-07	yes	1.33E-03	jr	3.10E-06	8.99E-07	yes	1.33E-04	jr	2.30E-06	6.67E-07	yes
OCDD	gh	2.10E-06	6.09E-07	yes	**2378-TCDF**	gh	5.40E-07	1.57E-07	yes	**12378-PeCDF**	gh	1.10E-06	3.19E-07	yes
1.33E-03	jr	6.30E-06	1.83E-06	yes	1.33E-05	jr	8.80E-07	2.55E-07	yes	2.67E-05	jr	1.70E-06	4.93E-07	yes
23478-PeCDF	gh	1.00E-06	2.90E-07	yes	**123478-HxCDF**	gh	1.60E-06	4.64E-07	yes	**123678-HxCDF**	gh	1.40E-06	4.06E-07	yes
2.67E-06	jr	3.90E-06	1.13E-06	yes	1.33E-03	jr	1.50E-06	4.35E-07	yes	1.33E-03	jr	2.70E-06	7.83E-07	yes
234678-HxCDF	gh	1.90E-06	5.51E-07	yes	**123789-HxCDF**	gh	9.40E-07	2.73E-07	yes	**1234678-HpCDF**	gh	1.40E-06	4.06E-07	yes
1.33E-05	jr	1.80E-06	5.22E-07	yes	1.33E-03	jr	1.90E-06	5.51E-07	yes	1.33E-04	jr	1.90E-06	5.51E-07	yes
1234789-HpCDF	gh	1.90E-06	5.51E-07	yes	**OCDF**	gh	2.10E-06	6.09E-07	yes					
1.33E-03	jr	1.50E-06	4.35E-07	yes	1.33E-03	jr	6.5E-06	1.89E-06	yes					

Note.—TBVs are for avian species. American Kestrel>grasshoppers, jackrabbit (small mammal). Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value.

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]gh = grasshopper.

[f]jr =jackrabbit.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Dioxins/Furans for the Great Horned Owl (Dietary Ingestion Rate = 0.133 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
2378-TCDD 1.33E-06	jr[e]	7.90E-07	1.05E-07	yes	**12378-PeCDD** 2.67E-06	jr	3.10E-06	4.12E-07	yes	**123478-HxCDD** 1.33E-05	jr	4.20E-06	5.59E-07	yes
123678-HxCDD 1.33E-05	jr	2.80E-06	3.72E-07	yes	**123789-HxCDD** 1.33E-03	jr	3.10E-06	4.12E-07	yes	**1234678-HpCDD** 1.33E-04	jr	2.30E-06	3.06E-07	yes
OCDD 1.33E-03	jr	6.30E-06	8.38E-07	yes	**2378-TCDF** 1.33E-05	jr	8.80E-07	1.17E-07	yes	**12378-PeCDF** 2.67E-05	jr	1.70E-06	2.26E-07	yes
23478-PeCDF 2.67E-06	jr	3.90E-06	5.19E-07	yes	**123478-HxCDF** 1.33E-03	jr	1.50E-06	2.00E-07	yes	**123678-HxCDF** 1.33E-03	jr	2.70E-06	3.59E-07	yes
234678-HxCDF 1.33E-05	jr	1.80E-06	2.39E-07	yes	**123789-HxCDF** 1.33E-03	jr	1.90E-06	2.53E-07	yes	**1234678-HpCDF** 1.33E-03	jr	1.90E-06	2.53E-07	yes
1234789-HpCDF 1.33E-03	jr	1.50E-06	2.00E-07	yes	**OCDF** 1.33E-03	jr	6.50E-06	8.65E-07	yes					

Note.—TBV is for avian species. Great Horned Owl>jackrabbit. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value

[b]MDL = method detection limit

[c]Comp Value = comparison value

[d]DL = detection limit.

[e]jr = jackrabbit.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Dioxins/Furans for the Bald Eagle/Golden Eagle (Dietary Ingestion Rate = 0.133 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
2378-TCDD 6.67E-06	jr[e]	7.90E-07	1.05E-07	yes	**12378-PeCDD** 1.33E-06	jr	3.10E-06	4.12E-07	yes yes	**123478-HxCDD** 6.67E-06	jr	4.20E-06	5.59E-07	yes
123678-HxCDD 6.67E-06	jr	2.80E-06	3.72E-07	yes	**123789-HxCDD** 6.67E-04	jr	3.10E-06	4.12E-07	yes	**1234678-HpCDD** 6.67E-05	jr	2.30E-06	3.06E-07	yes
OCDD 6.67E-04	jr	6.30E-06	8.38E-07	yes	**2378-TCDF** 6.67E-06	jr	8.80E-07	1.17E-07	yes	**12378-PeCDF** 1.33E-05	jr	1.70E-06	2.26E-07	yes
23478-PeCDF 2.67E-06	jr	3.90E-06	5.19E-07	yes	**123478-HxCDF** 6.67E-04	jr	1.50E-06	2.00E-07	yes	**123678-HxCDF** 6.67E-04	jr	2.70E-06	3.59E-07	yes
234678-HxCDF 6.67E-06	jr	1.80E-06	2.39E-07	yes	**123789-HxCDF** 6.67E-04	jr	1.90E-06	2.53E-07	yes	**1234678-HpCDF** 6.67E-05	jr	1.90E-06	2.53E-07	yes
1234789-HpCDF 6.67E-04	jr	1.50E-06	2.00E-07	yes	**OCDF** 6.67E-04	jr	6.50E-06	8.65E-07	yes					

Note.—TBV is for avian species. Eagle>jackrabbit. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value.

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]jr = jackrabbit.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Dioxins/Furans for the Deer Mouse (Dietary Ingestion Rate = 0.372 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
2378-TCDD	rb[e]	6.90E-07	2.57E-07	yes	**12378-PeCDD**	rb	2.00E-06	7.44E-07	no	**123478-HxCDD**	rb	6.90E-06	2.57E-06	yes
3.33E-07	sc[f]	7.90E-07	2.94E-07	yes	6.67E-07	sc	2.30E-06	8.56E-07	no	3.33E-06	sc	3.30E-06	1.23E-06	yes
	gw[g]	7.00E-07	2.60E-07	yes		gw	1.40E-06	5.21E-07	yes		gw	7.10E-06	2.64E-06	yes
	gh[h]	3.10E-07	1.15E-07	yes		gh	1.50E-06	5.58E-07	yes		gh	1.80E-06	6.70E-07	yes
123678-HxCDD	rb	2.10E-06	7.81E-07	yes	**123789-HxCDD**	rb	4.80E-06	1.79E-06	yes	**1234678-HpCDD**	rb	1.50E-06	5.58E-07	yes
3.33E-06	sc	1.20E-06	4.46E-07	yes	3.33E-04	sc	1.60E-06	5.95E-07	yes	3.33E-05	sc	1.70E-06	6.32E-07	yes
	gw	1.20E-06	4.46E-07	yes		gw	1.80E-06	6.70E-07	yes		gw	4.00E-07	1.49E-07	yes
	gh	1.90E-06	7.07E-07	yes		gh	1.30E-06	4.84E-07	yes		gh	1.40E-06	5.21E-07	yes
OCDD	rb	8.40E-06	3.12E-06	yes	**2378-TCDF**	rb	8.00E-07	2.98E-07	yes	**12378-PeCDF**	rb	1.60E-06	5.95E-07	yes
3.33E-04	sc	3.00E-06	1.12E-06	yes	2.50E-06	sc	6.00E-07	2.23E-07	yes	6.67E-06	sc	1.70E-06	6.32E-07	yes
	gw	3.70E-06	1.38E-06	yes		gw	4.00E-07	1.49E-07	yes		gw	4.60E-06	1.71E-06	yes
	gh	2.10E-06	7.81E-07	yes		gh	5.40E-07	2.01E-07	yes		gh	1.10E-06	4.09E-07	yes
23478-PeCDF	rb	3.20E-06	1.19E-06	no	**123478-HxCDF**	rb	4.20E-06	1.56E-06	yes	**123678-HxCDF**	rb	2.20E-06	8.18E-07	yes
6.67E-07	sc	3.10E-06	1.15E-06	no	3.33E-04	sc	1.30E-06	4.84E-07	yes	3.33E-04	sc	1.30E-06	4.84E-07	yes
	gw	2.48E-05	9.23E-06	no		gw	2.10E-06	7.81E-07	yes		gw	2.50E-06	9.30E-07	yes
	gh	1.00E-06	3.72E-07	yes		gh	1.60E-06	5.95E-07	yes		gh	1.40E-06	5.21E-07	yes
234678-HxCDF	rb	3.10E-06	1.15E-06	yes	**123789-HxCDF**	rb	3.10E-06	1.15E-06	yes	**1234678-HpCDF**	rb	1.40E-06	5.21E-07	yes
3.33E-06	sc	2.40E-06	8.93E-07	yes	3.33E-04	sc	2.20E-06	8.18E-07	yes	3.33E-05	sc	1.50E-06	5.58E-07	yes
	gw	3.90E-06	1.45E-06	yes		gw	7.00E-07	2.60E-07	yes		gw	2.10E-06	7.81E-07	yes
	gh	1.90E-06	7.07E-07	yes		gh	9.40E-07	3.50E-07	yes		gh	1.40E-06	5.21E-07	yes
1234789-HpCDF	rb	7.40E-06	2.75E-06	yes	**OCDF**	rb	7.00E-06	2.60E-06	yes					
3.33E-04	sc	3.30E-06	1.23E-06	yes	3.33E-04	sc	1.78E-05	6.62E-06	yes					
	gw	2.00E-06	7.44E-07	yes		gw	2.60E-06	9.67E-07	yes					
	gh	1.90E-06	7.07E-07	yes		gh	2.10E-06	7.81E-07	yes					

Note.—TBV is for mammal. Deer mouse>plants (seeds), insects. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value.

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL= detection limit.

[e]rb = rabbitbrush.

[f]sc = sweetclover.

[g]gw = gumweed.

[h]gh = grasshopper.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Dioxins/Furans for the Mule Deer (Dietary Ingestion Rate = 0.035 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
2378-TCDD	rb[e]	6.90E-07	2.42E-08	yes	**12378-PeCDD**	rb	2.00E-06	7.00E-08	yes	**123478-HxCDD**	rb	6.90E-06	2.42E-07	yes
2.00E-07	sc[f]	7.90E-07	2.77E-08	yes	4.00E-07	sc	2.30E-06	8.05E-08	yes	2.00E-06	sc	3.30E-06	1.16E-07	yes
	gw[g]	7.00E-07	2.45E-08	yes		gw	1.40E-06	4.90E-08	yes		gw	7.10E-06	2.49E-07	yes
123678-HxCDD	rb	2.10E-06	7.35E-08	yes	**123789-HxCDD**	rb	4.80E-06	1.68E-07	yes	**1234678-HpCDD**	rb	1.50E-06	5.25E-08	yes
2.00E-06	sc	1.20E-06	4.20E-08	yes	2.00E-04	sc	1.60E-06	5.60E-08	yes	2.00E-05	sc	1.70E-06	5.95E-08	yes
	gw	1.20E-06	4.20E-08	yes		gw	1.80E-06	6.30E-08	yes		gw	4.00E-07	1.40E-08	yes
OCDD	rb	8.40E-06	2.94E-07	yes	**2378-TCDF**	rb	8.00E-07	2.80E-08	yes	**12378-PeCDF**	rb	1.60E-06	5.60E-08	yes
2.00E-04	sc	3.00E-06	1.05E-07	yes	2.00E-06	sc	6.00E-07	2.10E-08	yes	4.00E-06	sc	1.70E-06	5.95E-08	yes
	gw	3.70E-06	1.30E-07	yes		gw	4.00E-07	1.40E-08	yes		gw	4.60E-06	1.61E-07	yes
23478-PeCDF	rb	3.20E-06	1.12E-07	yes	**123478-HxCDF**	rb	4.20E-06	1.47E-07	yes	**123678-HxCDF**	rb	2.20E-06	7.70E-08	yes
4.00E-07	sc	3.10E-06	1.09E-07	yes	2.00E-04	sc	1.30E-06	4.55E-08	yes	2.00E-04	sc	1.30E-06	4.55E-08	yes
	gw	2.48E-05	8.68E-07	no		gw	2.10E-06	7.35E-08	yes		gw	2.50E-06	8.75E-08	yes
234678-HxCDF	rb	3.10E-06	1.09E-07	yes	**123789-HxCDF**	rb	3.10E-06	1.09E-07	yes	**1234678-HpCDF**	rb	1.40E-06	4.90E-08	yes
2.00E-06	sc	2.40E-06	8.40E-08	yes	2.00E-04	sc	2.20E-06	7.70E-08	yes	2.00E-05	sc	1.50E-06	5.25E-08	yes
	gw	3.90E-06	1.37E-07	yes		gw	7.00E-07	2.45E-08	yes		gw	2.10E-06	7.35E-08	yes
1234789-HpCDF	rb	7.40E-06	2.59E-07	yes	**OCDF**	rb	7.00E-06	2.45E-07	yes					
2.00E-04	sc	3.30E-06	1.16E-07	yes	2.00E-04	sc	1.78E-05	6.23E-07	yes					
	gw	2.00E-06	7.00E-08	yes		gw	2.60E-06	9.10E-08	yes					

Note.—TBV is for mammal. Mule deer>rabbitbrush, sweetclover, gumweed. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value.

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]rb = rabbitbrush.

[f]sc = sweetclover.

[g]gw = gumweed.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Dioxins/Furans for the Jackrabbit (Dietary Ingestion Rate = 0.098 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
2378-TCDD	rb[e]	6.90E-07	6.76E-08	yes	**12378-PeCDD**	rb	2.00E-06	1.96E-07	yes	**123478-HxCDD**	rb	6.90E-06	6.76E-07	yes
2.00E-07	sc[f]	7.90E-07	7.74E-08	yes	4.00E-07	sc	2.30E-06	2.25E-07	yes	2.00E-06	sc	3.30E-06	3.23E-07	yes
	gw[g]	7.00E-07	6.86E-08	yes		gw	1.40E-06	1.37E-07	yes		gw	7.10E-06	6.96E-07	yes
123678-HxCDD	rb	2.10E-06	2.06E-07	yes	**123789-HxCDD**	rb	4.80E-06	4.70E-07	yes	**1234678-HpCDD**	rb	1.50E-06	1.47E-07	yes
2.00E-06	sc	1.20E-06	1.18E-07	yes	2.00E-04	sc	1.60E-06	1.57E-07	yes	2.00E-05	sc	1.70E-06	1.67E-07	yes
	gw	1.20E-06	1.18E-07	yes		gw	1.80E-06	1.76E-07	yes		gw	4.00E-07	3.92E-08	yes
OCDD	rb	8.40E-06	8.23E-07	yes	**2378-TCDF**	rb	8.00E-07	7.84E-08	yes	**12378-PeCDF**	rb	1.60E-06	1.57E-07	yes
2.00E-04	sc	3.00E-06	2.94E-07	yes	2.00E-06	sc	6.00E-07	5.88E-08	yes	4.00E-06	sc	1.70E-06	1.67E-07	yes
	gw	3.70E-06	3.63E-07	yes		gw	4.00E-07	3.92E-08	yes		gw	4.60E-06	4.51E-07	yes
23478-PeCDF	rb	3.20E-06	3.14E-07	yes	**123478-HxCDF**	rb	4.20E-06	4.12E-07	yes	**123678-HxCDF**	rb	2.20E-06	2.16E-07	yes
4.00E-07	sc	3.10E-06	3.04E-07	yes	2.00E-04	sc	1.30E-06	1.27E-07	yes	2.00E-04	sc	1.30E-06	1.27E-07	yes
	gw	2.48E-05	2.43E-06	no		gw	2.10E-06	2.06E-07	yes		gw	2.50E-06	2.45E-07	yes
234678-HxCDF	rb	3.10E-06	3.04E-07	yes	**123789-HxCDF**	rb	3.10E-06	3.04E-07	yes	**1234678-HpCDF**	rb	1.40E-06	1.37E-07	yes
2.00E-06	sc	2.40E-06	2.35E-07	yes	2.00E-04	sc	2.20E-06	2.16E-07	yes	2.00E-05	sc	1.50E-06	1.47E-07	yes
	gw	3.90E-06	3.82E-07	yes		gw	7.00E-07	6.86E-08	yes		gw	2.10E-06	2.06E-07	yes
1234789-HpCDF	rb	7.40E-06	7.25E-07	yes	**OCDF**	rb	7.00E-06	6.86E-07	yes					
2.00E-04	sc	3.30E-06	3.23E-07	yes	2.00E-04	sc	1.78E-05	1.74E-06	yes					
	gw	2.00E-06	1.96E-07	yes		gw	2.60E-06	2.55E-07	yes					

Note.—TBV is for mammal. Jackrabbit>rabbitbrush,sweetclover,gumweed. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value.

[b]MDL = method detection limit

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]rb = rabbitbrush.

[f]sc = sweetclover.

[g]gw = gumweed.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Dioxins/Furans for the Kit Fox (Dietary Ingestion Rate = 0.158 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
2378-TCDD	jr[e]	7.90E-07	1.25E-07	no	**12378-PeCDD**	jr	3.10E-06	4.90E-07	no	**123478-HxCDD**	jr	4.20E-06	6.64E-07	yes
1.00E-07	gh[f]	3.10E-07	4.90E-08	yes	2.00E-07	gh	1.50E-06	2.37E-07	no	1.00E-06	gh	1.80E-06	2.84E-07	yes
123678-HxCDD	jr	2.80E-06	4.42E-07	yes	**123789-HxCDD**	jr	3.10E-06	4.90E-07	yes	**1234678-HpCDD**	jr	2.30E-06	3.63E-07	yes
1.00E-06	gh	1.90E-06	3.00E-07	yes	1.00E-04	gh	1.30E-06	2.05E-07	yes	1.00E-05	gh	1.40E-06	2.21E-07	yes
OCDD	jr	6.30E-06	9.95E-07	yes	**2378-TCDF**	jr	8.80E-07	1.39E-07	yes	**12378-PeCDF**	jr	1.70E-06	2.69E-07	yes
1.00E-04	gh	2.10E-06	3.32E-07	yes	1.00E-06	gh	5.40E-07	8.53E-08	yes	2.00E-06	gh	1.10E-06	1.74E-07	yes
23478-PeCDF	jr	3.90E-06	6.16E-07	no	**123478-HxCDF**	jr	1.50E-06	2.37E-07	yes	**123678-HxCDF**	jr	2.70E-06	4.27E-07	yes
2.00E-07	gh	1.00E-06	1.58E-07	yes	1.00E-04	gh	1.60E-06	2.53E-07	yes	1.00E-04	gh	1.40E-06	2.21E-07	yes
234678-HxCDF	jr	1.80E-06	2.84E-07	yes	**123789-HxCDF**	jr	1.90E-06	3.00E-07	yes	**1234678-HpCDF**	jr	1.90E-06	3.00E-07	yes
1.00E-06	gh	1.90E-06	3.00E-07	yes	1.00E-04	gh	9.40E-07	1.49E-07	yes	1.00E-05	gh	1.40E-06	2.21E-07	yes
1234789-HpCDF	jr	1.50E-06	2.37E-07	yes	**OCDF**	jr	6.50E-06	1.03E-06	yes					
1.00E-04	gh	1.90E-06	3.00E-07	yes	1.00E-04	gh	2.10E-06	3.32E-07	yes					

Note.—TBV is for mammal. Kit fox>insects, jackrabbit (small mammal). Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value.

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]jr = jackrabbit.

[f]gh = grasshopper.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptors (Water Ingestion)

Receptor	Rate (L/kg bw/day)	TBV[a]	CRL[b] µg/L	Comp[c] Value	DL[d] Pass	TBV	CRL µg/L	Comp Value	DL Pass	TBV	CRL µg/L	Comp Value	DL Pass
		Mercury				**Nickel**				**Silver**			
Passerine	0.133	0.5	0.1	1.33E-05	yes	5.82	32.1	4.27E-03	yes	2.49	10	1.33E-03	yes
A. Kestrel	0.120	0.5	0.1	1.20E-05	yes	5.82	32.1	3.85E-03	yes	2.49	10	1.20E-03	yes
G. H. Owl	0.011	0.5	0.1	1.10E-06	yes	5.82	32.1	3.53E-04	yes	2.49	10	1.10E-04	yes
Golden Eagle	0.011	0.25	0.1	1.10E-06	yes	2.91	32.1	3.53E-04	yes	1.25	10	1.10E-04	yes
Bald Eagle	0.011	0.25	0.1	1.10E-06	yes	2.91	32.1	3.53E-04	yes	1.25	10	1.10E-04	yes
Deer mouse	0.251	0.33	0.1	2.51E-05	yes	10.53	32.1	8.06E-03	yes	13.6	10	2.51E-03	yes
Mule deer	0.021	0.26	0.1	2.10E-06	yes	6.32	32.1	6.74E-04	yes	17	10	2.10E-04	yes
Jackrabbit	0.097	0.26	0.1	9.70E-06	yes	6.32	32.1	3.11E-03	yes	13.6	10	9.70E-04	yes
Kit Fox	0.028	0.13	0.1	2.80E-06	yes	3.16	32.1	8.99E-04	yes	6.8	10	2.80E-04	yes
		Selenium				**Thallium**				**Vanadium**			
Passerine	0.133	0.13	97.1	1.29E-02	yes	0.05	125	1.66E-02	yes	ND	27.6	3.67E-03	NA
A. Kestrel	0.120	0.13	97.1	1.17E-02	yes	0.05	125	1.50E-02	yes	ND	27.6	3.31E-03	NA
G. H. Owl	0.011	0.13	97.1	1.07E-03	yes	0.05	125	1.38E-03	yes	ND	27.6	3.04E-04	NA
Golden Eagle	0.011	0.07	97.1	1.07E-03	yes	0.02	125	1.38E-03	yes	ND	27.6	3.04E-04	NA
Bald Eagle	0.011	0.07	97.1	1.07E-03	yes	0.02	125	1.38E-03	yes	ND	27.6	3.04E-04	NA
Deer mouse	0.251	0.05	97.1	2.44E-02	yes	0.03	125	3.14E-02	no	0.53	27.6	6.93E-03	yes
Mule deer	0.021	0.04	97.1	2.04E-03	yes	0.02	125	2.63E-03	yes	0.67	27.6	5.80E-04	yes
Jackrabbit	0.097	0.04	97.1	9.42E-03	yes	0.02	125	1.21E-02	yes	0.53	27.6	2.68E-03	yes
Kit Fox	0.028	0.02	97.1	2.72E-03	yes	0.01	125	3.50E-03	yes	0.27	27.6	7.73E-04	yes
		Zinc											
Passerine	0.133	5.4	18	2.39E-03	yes								
A. Kestrel	0.120	5.4	18	2.16E-03	yes								
G. H. Owl	0.011	5.4	18	1.98E-04	yes								
Golden Eagle	0.011	2.7	18	1.98E-04	yes								
Bald Eagle	0.011	2.7	18	1.98E-04	yes								
Deer mouse	0.251	6.8	18	4.52E-03	yes								
Mule deer	0.021	8.5	18	3.78E-04	yes								
Jackrabbit	0.097	6.8	18	1.75E-03	yes								
Kit Fox	0.028	3.4	18	5.04E-04	yes								

Note.—mg/L vs. ug/L for CRL. Rate represents 95% Percentile Water Ingestion Rate.

[a]Toxicity benchmark value (mg/kg bw/day).

[b]CRL = Certified Reporting Limit.

[c]Comp Value = Comparison value. Comp value contains unit conversion of 0.001.

[d]DL = Detection limit.

[e]ND = No data.

[f]NA =Not applicable.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptors (Water Ingestion)

Receptor	Rate (L/kg bw/day)	TBV[a]	CRL[b] µg/L	Comp[c] Value	DL[d] Pass	TBV	CRL µg/L	Comp Value	DL Pass	TBV	CRL µg/L	Comp Value	DL Pass
		Aluminum				**Antimony**				**Arsenic**			
Passerine	0.133	ND[e]	112	1.49E-02	NA[f]	ND	60	7.98E-03	NA	2.8	117	1.56E-02	yes
A. Kestrel	0.120	ND	112	1.34E-02	NA	ND	60	7.20E-03	NA	2.8	117	1.40E-02	yes
G.H. Owl	0.011	ND	112	1.23E-03	NA	ND	60	6.60E-04	NA	2.8	117	1.29E-03	yes
Golden Eagle	0.011	ND	112	1.23E-03	NA	ND	60	6.60E-04	NA	1.4	117	1.29E-03	yes
Bald Eagle	0.011	ND	112	1.23E-03	NA	ND	60	6.60E-04	NA	1.4	117	1.29E-03	yes
Deer mouse	0.251	16.67	112	2.81E-02	yes	0.2	60	1.51E-02	yes	1.27	117	2.94E-02	yes
Mule deer	0.021	13.33	112	2.35E-03	yes	0.12	60	1.26E-03	yes	0.76	117	2.46E-03	yes
Jackrabbit	0.097	16.67	112	1.09E-02	yes	0.12	60	5.82E-03	yes	0.76	117	1.13E-02	yes
Kit Fox	0.028	6.67	112	3.14E-03	yes	0.06	60	1.68E-03	yes	0.38	117	3.28E-03	yes
		Barium				**Beryllium**				**Cadmium**			
Passerine	0.133	19.4	2.82	3.75E-04	yes	19.4	1.12	1.49E-04	yes	0.13	6.78	9.02E-04	yes
A. Kestrel	0.120	19.4	2.82	3.38E-04	yes	19.4	1.12	1.34E-04	yes	0.13	6.78	8.14E-04	yes
G. H. Owl	0.011	19.4	2.82	3.10E-05	yes	19.4	1.12	1.23E-05	yes	0.13	6.78	7.46E-05	yes
Golden Eagle	0.011	9.7	2.82	3.10E-05	yes	9.7	1.12	1.23E-05	yes	0.07	6.78	7.46E-05	yes
Bald Eagle	0.011	9.7	2.82	3.10E-05	yes	9.7	1.12	1.23E-05	yes	0.07	6.78	7.46E-05	yes
Deer mouse	0.251	3.96	2.82	7.08E-04	yes	14.17	1.12	2.81E-04	yes	0.83	6.78	1.70E-03	yes
Mule deer	0.021	2.37	2.82	5.92E-05	yes	8.5	1.12	2.35E-05	yes	0.5	6.78	1.42E-04	yes
Jackrabbit	0.097	2.37	2.82	2.74E-04	yes	8.5	1.12	1.09E-04	yes	0.5	6.78	6.58E-04	yes
Kit Fox	0.028	1.19	2.82	7.90E-05	yes	4.25	1.12	3.14E-05	yes	0.25	6.78	1.90E-04	yes
		Chromium				**Cobalt**				**Copper**			
Passerine	0.133	0.26	16.8	2.23E-03	yes	168	25	3.33E-03	yes	11.06	18.8	2.50E-03	yes
A. Kestrel	0.120	0.26	16.8	2.02E-03	yes	168	25	3.00E-03	yes	11.06	18.8	2.26E-03	yes
G.H. Owl	0.011	0.26	16.8	1.85E-04	yes	168	25	2.75E-04	yes	11.06	18.8	2.07E-04	yes
Golden Eagle	0.011	0.13	16.8	1.85E-04	yes	84	25	2.75E-04	yes	5.53	18.8	2.07E-04	yes
Bald Eagle	0.011	0.13	16.8	1.85E-04	yes	84	25	2.75E-04	yes	5.53	18.8	2.07E-04	yes
Deer mouse	0.251	4	16.8	4.22E-03	yes	0.08	25	6.28E-03	yes	1.57	18.8	4.72E-03	yes
Mule deer	0.021	4	16.8	3.53E-04	yes	0.05	25	5.25E-04	yes	1.57	18.8	3.95E-04	yes
Jackrabbit	0.097	4	16.8	1.63E-03	yes	0.05	25	2.43E-03	yes	1.57	18.8	1.82E-03	yes
Kit Fox	0.028	2.5	16.8	4.70E-04	yes	0.02	25	7.00E-04	yes	0.98	18.8	5.26E-04	yes
		Iron				**Lead**				**Manganese**			
Passerine	0.133	78	77.5	1.03E-02	yes	2.9	43.4	5.77E-03	yes	82	9.67	1.29E-03	yes
A. Kestrel	0.120	78	77.5	9.30E-03	yes	14.5	43.4	5.21E-03	yes	82	9.67	1.16E-03	yes
G. H. Owl	0.011	78	77.5	8.53E-04	yes	2.9	43.4	4.77E-04	yes	82	9.67	1.06E-04	yes
Golden Eagle	0.011	39	77.5	8.53E-04	yes	1.81	43.4	4.77E-04	yes	41	9.67	1.06E-04	yes
Bald Eagle	0.011	39	77.5	8.53E-04	yes	1.81	43.4	4.77E-04	yes	41	9.67	1.06E-04	yes
Deer mouse	0.251	6.52	77.5	1.95E-02	yes	1.33	43.4	1.09E-02	yes	22.22	9.67	2.43E-03	yes
Mule deer	0.021	3.91	77.5	1.63E-03	yes	0.8	43.4	9.11E-04	yes	13.33	9.67	2.03E-04	yes
Jackrabbit	0.097	3.91	77.5	7.52E-03	yes	0.8	43.4	4.21E-03	yes	13.33	9.67	9.38E-04	yes
Kit Fox	0.028	1.96	77.5	2.17E-03	yes	0.4	43.4	1.22E-03	yes	6.67	9.67	2.71E-04	yes

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptors (Soil Ingestion)

Receptors	Rate (kg/kg bw/day)	TBV[a]	CRL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	CRL mg/kg	Comp Value	DL Pass	TBV	CRL mg/kg	Comp Value	DL Pass
		Aluminum				**Antimony**				**Arsenic**			
Passerine	0.1440	ND[e]	11.2	1.61E+00	NA[f]	ND	1	1.44E-01	NA	2.8	16.4	2.36E+00	yes
A. Kestrel	0.0081	ND	11.2	9.09E-02	NA	ND	1	8.12E-03	NA	2.8	16.4	1.33E-01	yes
G.H. Owl	0.0037	ND	11.2	4.17E-02	NA	ND	1	3.72E-03	NA	2.8	16.4	6.10E-02	yes
Golden Eagle	0.0037	ND	11.2	4.17E-02	NA	ND	1	3.72E-03	NA	1.4	16.4	6.10E-02	yes
Bald Eagle	0.0037	ND	11.2	4.17E-02	NA	ND	1	3.72E-03	NA	1.4	16.4	6.10E-02	yes
Deer mouse	0.0089	16.67	11.2	9.91E-02	yes	0.2	1	8.85E-03	yes	1.27	16.4	1.45E-01	yes
Mule deer	0.0007	13.33	11.2	7.93E-03	yes	0.12	1	7.08E-04	yes	0.76	16.4	1.16E-02	yes
Jackrabbit	0.0020	16.67	11.2	2.20E-02	yes	0.12	1	1.96E-03	yes	0.76	16.4	3.21E-02	yes
Kit Fox	0.0044	6.67	11.2	4.95E-02	yes	0.06	1	4.42E-03	yes	0.38	16.4	7.25E-02	yes
		Barium				**Beryllium**				**Cadmium**			
Passerine	0.1440	19.4	3.29	4.74E-01	yes	19.4	0.427	6.15E-02	yes	0.13	1.2	1.73E-01	no
A. Kestrel	0.0081	19.4	3.29	2.67E-02	yes	19.4	0.427	3.47E-03	yes	0.13	1.2	9.74E-03	yes
G.H. Owl	0.0037	19.4	3.29	1.22E-02	yes	19.4	0.427	1.59E-03	yes	0.13	1.2	4.46E-03	yes
Golden Eagle	0.0037	9.7	3.29	1.22E-02	yes	9.7	0.427	1.59E-03	yes	0.07	1.2	4.46E-03	yes
Bald Eagle	0.0037	9.7	3.29	1.22E-02	yes	9.7	0.427	1.59E-03	yes	0.07	1.2	4.46E-03	yes
Deer mouse	0.0089	3.96	3.29	2.91E-02	yes	14.17	0.427	3.78E-03	yes	0.83	1.2	1.06E-02	yes
Mule deer	0.0007	2.37	3.29	2.33E-03	yes	8.5	0.427	3.02E-04	yes	0.5	1.2	8.50E-04	yes
Jackrabbit	0.0020	2.37	3.29	6.45E-03	yes	8.5	0.427	8.37E-04	yes	0.5	1.2	2.35E-03	yes
Kit Fox	0.0044	1.19	3.29	1.45E-02	yes	4.25	0.427	1.89E-03	yes	0.25	1.2	5.30E-03	yes
		Chromium				**Cobalt**				**Copper**			
Passerine	0.1440	0.26	1.04	1.50E-01	yes	168.00	2.50	3.60E-01	yes	11.06	2.84	4.09E-01	yes
A. Kestrel	0.0081	0.26	1.04	8.44E-03	yes	168.00	2.50	2.03E-02	yes	11.06	2.84	2.31E-02	yes
G.H. Owl	0.0037	0.26	1.04	3.87E-03	yes	168.00	2.50	9.30E-03	yes	11.06	2.84	1.06E-02	yes
Golden Eagle	0.0037	0.13	1.04	3.87E-03	yes	84.00	2.50	9.30E-03	yes	5.53	2.84	1.06E-02	yes
Bald Eagle	0.0037	0.13	1.04	3.87E-03	yes	84.00	2.50	9.30E-03	yes	5.53	2.84	1.06E-02	yes
Deer mouse	0.0089	4.00	1.04	9.20E-03	yes	0.08	2.50	2.21E-02	yes	1.57	2.84	2.51E-02	yes
Mule deer	0.0007	4.00	1.04	7.36E-04	yes	0.05	2.50	1.77E-03	yes	1.57	2.84	2.01E-03	yes
Jackrabbit	0.0020	4.00	1.04	2.04E-03	yes	0.05	2.50	4.90E-03	yes	1.57	2.84	5.57E-03	yes
Kit Fox	0.0044	2.50	1.04	4.60E-03	yes	0.02	2.50	1.11E-02	yes	0.98	2.84	1.26E-02	yes
		Iron				**Lead**				**Manganese**			
Passerine	0.1440	78	6.66	9.59E-01	yes	2.9	7.44	1.07E+00	yes	82	9.87	1.42E+00	yes
A. Kestrel	0.0081	78	6.66	5.41E-02	yes	14.5	7.44	6.04E-02	yes	82	9.87	8.01E-02	yes
G.H. Owl	0.0037	78	6.66	2.48E-02	yes	2.9	7.44	2.77E-02	yes	82	9.87	3.67E-02	yes
Golden Eagle	0.0037	39	6.66	2.48E-02	yes	1.81	7.44	2.77E-02	yes	41	9.87	3.67E-02	yes
Bald Eagle	0.0037	39	6.66	2.48E-02	yes	1.81	7.44	2.77E-02	yes	41	9.87	3.67E-02	yes
Deer mouse	0.0089	6.52	6.66	5.89E-02	yes	1.33	7.44	6.58E-02	yes	22.22	9.87	8.73E-02	yes
Mule deer	0.0007	3.91	6.66	4.72E-03	yes	0.8	7.44	5.27E-03	yes	13.33	9.87	6.99E-03	yes
Jackrabbit	0.0020	3.91	6.66	1.31E-02	yes	0.8	7.44	1.46E-02	yes	13.33	9.87	1.93E-02	yes
Kit Fox	0.0044	1.96	6.66	2.94E-02	yes	0.4	7.44	3.29E-02	yes	6.67	9.87	4.36E-02	yes

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptors (Soil Ingestion) (continued)

Receptors	Rate (kg/kg bw/day)	TBV[a]	CRL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	CRL mg/kg	Comp Value	DL Pass	TBV	CRL mg/kg	Comp Value	DL Pass
		Mercury				Nickel				Selenium			
Passerine	0.1440	0.5	0.0543	7.82E-03	yes	5.82	2.74	3.95E-01	yes	0.13	0.449	6.47E-02	yes
A. Kestrel	0.0081	0.5	0.0543	4.41E-04	yes	5.82	2.74	2.22E-02	yes	0.13	0.449	3.65E-03	yes
G.H. Owl	0.0037	0.5	0.0543	2.02E-04	yes	5.82	2.74	1.02E-02	yes	0.13	0.449	1.67E-03	yes
Golden Eagle	0.0037	0.25	0.0543	2.02E-04	yes	2.91	2.74	1.02E-02	yes	0.07	0.449	1.67E-03	yes
Bald Eagle	0.0037	0.25	0.0543	2.02E-04	yes	2.91	2.74	1.02E-02	yes	0.07	0.449	1.67E-03	yes
Deer mouse	0.0089	0.33	0.0543	4.81E-04	yes	10.53	2.74	2.42E-02	yes	0.05	0.449	3.97E-03	yes
Mule deer	0.0007	0.26	0.0543	3.84E-05	yes	6.32	2.74	1.94E-03	yes	0.04	0.449	3.18E-04	yes
Jackrabbit	0.0020	0.26	0.0543	1.06E-04	yes	6.32	2.74	5.37E-03	yes	0.04	0.449	8.80E-04	yes
Kit Fox	0.0044	0.13	0.0543	2.40E-04	yes	3.16	2.74	1.21E-02	yes	0.02	0.449	1.98E-03	yes
		Silver				Thallium				Vanadium			
Passerine	0.1440	2.49	0.803	1.16E-01	yes	0.05	34.30	4.94E+00	no	ND	1.41	2.03E-01	NA
A. Kestrel	0.0081	2.49	0.803	6.52E-03	yes	0.05	34.30	2.79E-01	no	ND	1.41	1.14E-02	NA
G.H. Owl	0.0037	2.49	0.803	2.99E-03	yes	0.05	34.30	1.28E-01	no	ND	1.41	5.25E-03	NA
Golden Eagle	0.0037	1.25	0.803	2.99E-03	yes	0.02	34.30	1.28E-01	no	ND	1.41	5.25E-03	NA
Bald Eagle	0.0037	1.25	0.803	2.99E-03	yes	0.02	34.30	1.28E-01	no	ND	1.41	5.25E-03	NA
Deer mouse	0.0089	13.6	0.803	7.11E-03	yes	0.03	34.30	3.04E-01	no	0.53	1.41	1.25E-02	yes
Mule deer	0.0007	17	0.803	5.69E-04	yes	0.02	34.30	2.43E-02	no	0.67	1.41	9.98E-04	yes
Jackrabbit	0.0020	13.6	0.803	1.57E-03	yes	0.02	34.30	6.72E-02	no	0.53	1.41	2.76E-03	yes
Kit Fox	0.0044	6.8	0.803	3.55E-03	yes	0.01	34.30	1.52E-01	no	0.27	1.41	6.23E-03	yes
		Zinc											
Passerine	0.1440	5.4	2.34	3.37E-01	yes								
A. Kestrel	0.0081	5.4	2.34	1.90E-02	yes								
G.H. Owl	0.0037	5.4	2.34	8.70E-03	yes								
Golden Eagle	0.0037	2.7	2.34	8.70E-03	yes								
Bald Eagle	0.0037	2.7	2.34	8.70E-03	yes								
Deer mouse	0.0089	6.8	2.34	2.07E-02	yes								
Mule deer	0.0007	8.5	2.34	1.66E-03	yes								
Jackrabbit	0.0020	6.8	2.34	4.59E-03	yes								
Kit Fox	0.0044	3.4	2.34	1.03E-02	yes								

Note.—Rate represents 95% Percentile Soil Ingestion Rate.

[a]Toxicity benchmark value (mg/kg bw/day).

[b]CRL = Certified reporting limit.

[c]Comp Value = Comparison value.

[d]DL = Detection limit.

[e]ND = No data.

[f]NA = Not applicable.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for Passerine Birds (Dietary Ingestion Rate = 1.388 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX	gh[e]	1.28E-02	1.78E-02	NA[f]	**2,4,6-TNT**	gh	3.76E-02	5.22E-02	NA	**4,4-DDE**	gh	8.60E-04	1.19E-03	yes
ND	rb[g]	1.41E+01	1.96E+01	NA	ND[h]	rb	5.70E+00	7.91E+00	NA	0.02	rb	3.37E-02	4.68E-02	no
	gw[i]	7.93E+00	1.10E+01	NA		gw	1.36E+01	1.88E+01	NA		gw	6.85E-02	9.51E-02	no
	sc[j]	4.08E-01	5.66E-01	NA		sc	2.22E-01	3.08E-01	NA		sc	2.66E-03	3.69E-03	yes
	jr[k]	NA	NA	NA		jr	NA	NA	NA		jr	6.70E-04	9.30E-04	yes
4,4-DDT	gh	4.30E-04	5.97E-04	yes	**2,4-D**	gh	1.70E-01	2.36E-01	NA	**Phenanthrene**	gh	3.40E-03	4.72E-03	NA
0.02	rb	4.76E-02	6.61E-02	no	ND	rb	1.52E+00	2.11E+00	NA	ND	rb	3.71E-03	5.15E-03	NA
	gw	2.31E-02	3.21E-02	no		gw	2.23E+00	3.09E+00	NA		gw	3.44E-03	4.77E-03	NA
	sc	6.01E-03	8.34E-03	yes		sc	1.33E+00	1.84E+00	NA		sc	1.40E-03	1.95E-03	NA
	jr	1.00E-02	1.39E-02	yes		jr	1.24E+00	1.72E+00	NA		jr	3.73E-04	5.18E-04	NA
Chrysene	gh	1.30E-03	1.80E-03	NA	**Fluoranthene**	gh	2.90E-03	4.03E-03	NA	**Pyrene**	gh	1.20E-03	1.67E-03	NA
ND	rb	8.32E-04	1.16E-03	NA	ND	rb	1.30E-03	1.80E-03	NA	ND	rb	3.14E-04	4.36E-04	NA
	gw	6.87E-04	9.54E-04	NA		gw	3.56E-03	4.95E-03	NA		gw	1.85E-03	2.56E-03	NA
	sc	6.15E-04	8.54E-04	NA		sc	6.03E-04	8.37E-04	NA		sc	2.16E-04	3.00E-04	NA
	jr	5.60E-04	7.78E-04	NA		jr	8.55E-04	1.19E-03	NA		jr	3.94E-04	5.46E-04	NA
Benzo(a)Anthracene	gh	1.20E-03	1.67E-03	NA	**Benzo(k)fluoranthene**	gh	1.10E-03	1.53E-03	NA					
ND	rb	3.57E-04	4.95E-04	NA	ND	rb	8.10E-04	1.12E-03	NA					
	gw	8.04E-04	1.12E-03	NA		gw	8.07E-04	1.12E-03	NA					
	sc	5.02E-04	6.97E-04	NA		sc	4.51E-04	6.26E-04	NA					
	jr	4.93E-04	6.84E-04	NA		jr	5.03E-01	6.99E-01	NA					

Note.—Passerine>insects(grasshoppers), plants (seeds), jackrabbit (small mammal carcass). Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value (mg/kg-bw/day).

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL= detection limit.

[e]gh = grasshopper.

[f]NA = not applicable.

[g]rb = rabbitbrush.

[h]ND = no data.

[i]gw =gumweed.

[j]sc = sweetclover.

[k]jr = jackrabbit.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for the American Kestrel (Dietary Ingestion Rate = 0.29 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX	jr[e]	ND[f]	NA[g]	NA	2,4,6-TNT	jr	ND	NA	NA	4,4-DDE	jr	6.70E-04	1.94E-04	yes
ND	gh[h]	1.28E-02	3.71E-03	NA	ND	gh	3.76E-02	1.09E-02	NA	0.02	gh	8.60E-04	2.49E-04	yes
4,4-DDT	jr	1.00E-02	2.90E-03	yes	2,4-D	jr	1.24E+00	3.60E-01	NA	Phenanthrene	jr	3.70E-04	1.07E-04	NA
0.02	gh	4.30E-04	1.25E-04	yes	ND	gh	1.70E-01	4.93E-02	NA	ND	gh	3.40E-03	9.86E-04	NA
Chrysene	jr	5.60E-04	1.62E-04	NA	Fluoranthene	jr	8.60E-04	2.49E-04	NA	Pyrene	jr	3.90E-04	1.13E-04	NA
ND	gh	1.30E-03	3.77E-04	NA	ND	gh	2.90E-03	8.41E-04	NA	ND	gh	1.20E-03	3.48E-04	NA
Benzo(a)Anthracene	jr	4.90E-04	1.42E-04	NA	Benzo(k)fluoranthene	jr	5.00E-04	1.45E-04	NA					
ND	gh	1.20E-03	3.48E-04	NA	ND	gh	1.10E-03	3.19E-04	NA					

Note.—Raptor>jackrabbit, insects. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value (mg/kg-bw/day).

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]jr = jackrabbit.

[f]ND = no data.

[g]NA = not applicable.

[h]gh = grasshopper.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for the Great Horned Owl (Dietary Ingestion Rate = 0.133 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX	jr[e]	ND[f]	NA[g]	NA	**2,4,6-TNT**	jr	ND	NA	NA	**4,4-DDE**	jr	6.70E-04	8.91E-05	yes
ND					ND					0.02				
4,4-DDT	jr	1.00E-02	1.33E-03	yes	**2,4-D**	jr	1.24E+00	1.65E-01	NA	**Phenanthrene**	jr	3.70E-04	4.92E-05	NA
0.02					ND					ND				
Chrysene	jr	5.60E-04	7.45E-05	NA	**Fluoranthene**	jr	8.60E-04	1.14E-04	NA	**Pyrene**	jr	3.90E-04	5.19E-05	NA
ND					ND					ND				
Benzo(a)Anthracene	jr	4.90E-04	6.52E-05	NA	**Benzo(k)fluoranthene**	jr	5.00E-04	6.65E-05	NA					
ND					ND									

Note.—Raptor>jackrabbit. Rate represents 95% Percentile Dietary Ingestion Rate

[a]TBV = toxicity benchmark value (mg/kg-bw/day).

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]jr = jackrabbit.

[f]ND = no data.

[g]NA = not applicable.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for the Golden Eagle (Dietary Ingestion Rate = 0.133 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX ND	jr[e]	ND[f]	NA[g]	NA	2,4,6-TNT ND	jr	ND	NA	NA	4,4-DDE 0.02	jr	6.70E-04	8.91E-05	yes
4,4-DDT 0.02	jr	1.00E-02	1.33E-03	yes	2,4-D ND	jr	1.24E+00	1.65E-01	NA	Phenanthrene ND	jr	3.70E-04	4.92E-05	NA
Chrysene ND	jr	5.60E-04	7.45E-05	NA	Fluoranthene ND	jr	8.60E-04	1.14E-04	NA	Pyrene ND	jr	3.90E-04	5.19E-05	NA
Benzo(a)Anthracene ND	jr	4.90E-04	6.52E-05	NA	Benzo(k)fluoranthene ND	jr	5.00E-04	6.65E-05	NA					

Note.—Raptor>jackrabbit, insects. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value (mg/kg-bw/day).

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]jr = jackrabbit.

[f]ND = no data.

[g]NA = not applicable.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for the Bald Eagle (Dietary Ingestion Rate = 0.133 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX ND	jr[e]	ND[f]	NA[g]	NA	2,4,6-TNT ND	jr	ND	NA	NA	4,4-DDE 0.05	jr	6.70E-04	8.91E-05	yes
4,4-DDT 0.05	jr	1.00E-02	1.33E-03	yes	2,4-D ND	jr	1.24E+00	1.65E-01	NA	Phenanthrene ND	jr	3.70E-04	4.92E-05	NA
Chrysene ND	jr	5.60E-04	7.45E-05	NA	Fluoranthene ND	jr	8.60E-04	1.14E-04	NA	Pyrene ND	jr	3.90E-04	5.19E-05	NA
Benzo(a)Anthracene ND	jr	4.90E-04	6.52E-05	NA	Benzo(k)fluoranthene ND	jr	5.00E-04	6.65E-05	NA					

Note.—Raptor>jackrabbit, insects. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value (mg/kg-bw/day).

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]jr = jackrabbit.

[f]ND = no data.

[g]NA = not applicable.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for the Deer Mouse (Dietary Ingestion Rate = 0.372 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX	rb[e]	14.0	5.21E+00	no	**2,4,6-TNT**	rb	5.7	2.12E+00	no	**4,4-DDE**	rb	0.0337	1.25E-02	yes
0.07	sc[f]	0.41	1.53E-01	no	0.1	sc	0.222	8.26E-02	yes	2.13	sc	0.00266	9.90E-04	yes
	gw[g]	7.90	2.94E+00	no		gw	13.6	5.06E+00	no		gw	0.0685	2.55E-02	yes
	gh[h]	0.01	4.76E-03	yes		gh	0.038	1.40E-02	yes		gh	0.00086	3.20E-04	yes
4,4-DDT	rb	0.0476	1.77E-02	yes	**2,4-D**	rb	1.5	5.58E-01	no	**Phenanthrene**	rb	0.0037	1.38E-03	yes
2.13	sc	0.0060	2.24E-03	yes	0.2	sc	1.3	4.84E-01	no	1.11	sc	0.0014	5.21E-04	yes
	gw	0.023	8.59E-03	yes		gw	2.2	8.18E-01	no		gw	0.00344	1.28E-03	yes
	gh	4.30E-04	1.60E-04	yes		gh	0.2	6.32E-02	yes		gh	0.0034	1.26E-03	yes
Chrysene	rb	0.0008	3.09E-04	yes	**Fluoranthene**	rb	0.0013	4.84E-04	yes	**Pyrene**	rb	0.00031	1.15E-04	yes
1.11	sc	0.0006	2.31E-04	yes	1.11	sc	0.0006	2.23E-04	yes	1.11	sc	0.00022	8.18E-05	yes
	gw	0.0007	2.57E-04	yes		gw	0.0036	1.34E-03	yes		gw	0.0018	6.70E-04	yes
	gh	0.0013	4.84E-04	yes		gh	0.0029	1.08E-03	yes		gh	0.0012	4.46E-04	yes
Benzo(a)Anthracene	rb	0.0004	1.34E-04	yes	**Benzo(k)fluoranthene**	rb	0.00081	3.01E-04	yes					
1.11	sc	0.0005	1.86E-04	yes	1.11	sc	0.00045	1.67E-04	yes					
	gw	0.0008	2.98E-04	yes		gw	0.00081	3.01E-04	yes					
	gh	0.0012	4.46E-04	yes		gh	0.0011	4.09E-04	yes					

Note.—Deer mouse>insects, plants (seeds). Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value (mg/kg-bw/day).

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]rb = rabbitbrush.

[f]sc = sweetclover.

[g]gw = gumweed.

[h]gh = grasshopper.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for the Mule Deer (Dietary Ingestion Rate = 0.035 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX	rb[e]	14.0	4.90E-01	no	**2,4,6-TNT**	rb	6	2.00E-01	no	**4,4-DDE**	rb	0.0337	1.18E-03	yes
0.04	sc[f]	0.41	1.44E-02	yes	0.1	sc	0.220	7.70E-03	yes	1.7	sc	0.00266	9.31E-05	yes
	gw[g]	7.90	2.77E-01	no		gw	14	4.90E-01	no		gw	0.0685	2.40E-03	yes
4,4-DDT	rb	0.0476	1.67E-03	yes	**2,4-D**	rb	2	5.25E-02	yes	**Phenanthrene**	rb	0.0037	1.30E-04	yes
1.7	sc	0.0060	2.10E-04	yes	0.2	sc	1	4.55E-02	yes	0.67	sc	0.0014	4.90E-05	yes
	gw	0.023	8.09E-04	yes		gw	2	7.70E-02	yes		gw	0.0034	1.19E-04	yes
Chrysene	rb	0.0008	2.91E-05	yes	**Fluoranthene**	rb	0.0013	4.55E-05	yes	**Pyrene**	rb	0.00031	1.09E-05	yes
0.67	sc	0.0006	2.17E-05	yes	0.67	sc	0.0006	2.10E-05	yes	0.67	sc	0.00022	7.70E-06	yes
	gw	0.0007	2.42E-05	yes		gw	0.0036	1.26E-04	yes		gw	0.0018	6.30E-05	yes
Benzo(a)Anthracene	rb	0.0004	1.26E-05	yes	**Benzo(k)fluoranthene**	rb	0.00081	2.84E-05	yes					
0.67	sc	0.0005	1.75E-05	yes	0.67	sc	0.00045	1.58E-05	yes					
	gw	0.0008	2.80E-05	yes		gw	0.00081	2.84E-05	yes					

Note.—Mule Deer>rabbitbrush, sweetclover, gumweed. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value (mg/kg-bw/day).

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]rb = rabbitbrush.

[f]sc = sweetclover.

[g]gw = gumweed.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for the Jackrabbit (Dietary Ingestion Rate = 0.098 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX	rb[e]	14.0	1.37E+00	no	**2,4,6-TNT**	rb	6	5.59E-01	no	**4,4-DDE**	rb	0.0337	3.30E-03	yes
0.04	sc[f]	0.41	4.02E-02	no	0.1	sc	0.220	2.16E-02	yes	1.7	sc	0.00266	2.61E-04	yes
	gw[g]	7.90	7.74E-01	no		gw	14	1.37E+00	no		gw	0.0685	6.71E-03	yes
4,4-DDT	rb	0.0476	4.66E-03	yes	**2,4-D**	rb	2	1.47E-01	yes	**Phenanthrene**	rb	0.0037	3.63E-04	yes
1.7	sc	0.0060	5.89E-04	yes	0.2	sc	1	1.27E-01	yes	0.67	sc	0.0014	1.37E-04	yes
	gw	0.023	2.26E-03	yes		gw	2	2.16E-01	no		gw	0.0034	3.33E-04	yes
Chrysene	rb	0.0008	8.13E-05	yes	**Fluoranthene**	rb	0.0013	1.27E-04	yes	**Pyrene**	rb	0.00031	3.04E-05	yes
0.67	sc	0.0006	6.08E-05	yes	0.67	sc	0.0006	5.88E-05	yes	0.67	sc	0.00022	2.16E-05	yes
	gw	0.0007	6.76E-05	yes		gw	0.0036	3.53E-04	yes		gw	0.0018	1.76E-04	yes
Benzo(a)Anthracene	rb	0.0004	3.53E-05	yes	**Benzo(k)fluoranthene**	rb	0.00081	7.94E-05	yes					
0.67	sc	0.0005	4.90E-05	yes	0.67	sc	0.00045	4.41E-05	yes					
	gw	0.0008	7.84E-05	yes		gw	0.00081	7.94E-05	yes					

Note.—Jackrabbit>rabbitbrush, sweetclover, gumweed. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value (mg/kg-bw/day).

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]rb = rabbitbrush.

[f]sc = sweetclover.

[g]gw = gumweed.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for the Kit Fox (Dietary Ingestion Rate = 0.158 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX	jr[e]	ND[f]	NA[g]	NA	**2,4,6-TNT**	jr	ND	NA	NA	**4,4-DDE**	jr	6.70E-04	1.06E-04	yes
0.02	gh[h]	1.28E-02	2.02E-03	yes	0.08	gh	3.76E-02	5.94E-03	yes	0.85	gh	8.60E-04	1.36E-04	yes
4,4-DDT	jr	1.00E-02	1.58E-03	yes	**2,4-D**	jr	1.20E+00	1.90E-01	no	**Phenanthrene**	jr	3.70E-04	5.85E-05	yes
0.85	gh	4.30E-04	6.79E-05	yes	0.017	gh	1.70E-01	2.69E-02	no	0.33	gh	3.40E-03	5.37E-04	yes
Chrysene	jr	5.60E-04	8.85E-05	yes	**Fluoranthene**	jr	8.60E-04	1.36E-04	yes	**Pyrene**	jr	3.90E-04	6.16E-05	yes
0.33	gh	1.30E-03	2.05E-04	yes	0.33	gh	2.90E-03	4.58E-04	yes	0.33	gh	1.20E-03	1.90E-04	yes
Benzo(a)Anthracene	jr	4.90E-04	7.74E-05	yes	**Benzo(k)fluoranthene**	jr	5.00E-04	7.90E-05	yes					
0.33	gh	1.20E-03	1.90E-04	yes	0.33	gh	1.10E-03	1.74E-04	yes					

Note.—Kit fox>insects, jackrabbit, deer mouse. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value (mg/kg-bw/day).

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]jr = jackrabbit.

[f]ND = no data.

[g]NA = not applicable.

[h]gh = grasshopper.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for Passerine Birds (Dietary Ingestion Rate = 1.388 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum	gh[e]	4.94	6.86E+00	NA[f]	**Antimony**	gh	0.204	2.83E-01	NA	**Arsenic**	gh	0.189	2.62E-01	yes
ND[g]	rb[h]	19.3	2.68E+01	NA	ND	rb	0.523	7.26E-01	NA	2.8	rb	0.258	3.58E-01	yes
	gw[i]	80.5	1.12E+02	NA		gw	0.329	4.57E-01	NA		gw	0.628	8.72E-01	yes
	sc[j]	11.3	1.57E+01	NA		sc	1	1.39E+00	NA		sc	0.295	4.09E-01	yes
	jr[k]	8.66	1.20E+01	NA		jr	0.461	6.40E-01	NA		jr	0.268	3.72E-01	yes
Barium	gh	0.381	5.29E-01	yes	**Beryllium**	gh	0.00314	4.36E-03	yes	**Cadmium**	gh	0.1	1.39E-01	no
19.4	rb	0.411	5.70E-01	yes	19.4	rb	0.006	8.33E-03	yes	0.13	rb	0.108	1.50E-01	no
	gw	1.75	2.43E+00	yes		gw	0.0042	5.83E-03	yes		gw	0.408	5.66E-01	no
	sc	1.45	2.01E+00	yes		sc	0.0034	4.72E-03	yes		sc	0.125	1.74E-01	no
	jr	4.43	6.15E+00	yes		jr	0.0026	3.61E-03	yes		jr	0.114	1.58E-01	no
Cobalt	gh	0.065	9.02E-02	yes	**Copper**	gh	1	1.39E+00	yes	**Iron**	gh	4.25	5.90E+00	yes
168.00	rb	0.0945	1.31E-01	yes	11.06	rb	0.683	9.48E-01	yes	78	rb	18.4	2.55E+01	yes
	gw	0.0766	1.06E-01	yes		gw	1.08	1.50E+00	yes		gw	61.6	8.55E+01	no
	sc	0.0719	9.98E-02	yes		sc	0.955	1.33E+00	yes		sc	10.6	1.47E+01	yes
	jr	0.0522	7.25E-02	yes		jr	0.265	3.68E-01	yes		jr	95.3	1.32E+02	no
Lead	gh	0.301	4.18E-01	yes	**Manganese**	gh	3.99	5.54E+00	yes	**Mercury**	gh	0.00933	1.30E-02	yes
2.9	rb	0.281	3.90E-01	yes	82	rb	1.36	1.89E+00	yes	0.5	rb	0.007	9.72E-03	yes
	gw	0.351	4.87E-01	yes		gw	3.84	5.33E+00	yes		gw	0.016	2.22E-02	yes
	sc	0.194	2.69E-01	yes		sc	3.67	5.09E+00	yes		sc	0.0063	8.74E-03	yes
	jr	20.48	2.84E+01	no		jr	0.536	7.44E-01	yes		jr	0.0028	3.89E-03	yes
Nickel	gh	0.393	5.45E-01	yes	**Silver**	gh	0.0828	1.15E-01	yes	**Selenium**	gh	0.0968	1.34E-01	no
5.82	rb	0.22	2.98E-01	yes	2.49	rb	0.162	2.25E-01	yes	0.13	rb	0.446	6.19E-01	no
	gw	0.185	2.57E-01	yes		gw	0.157	2.18E-01	yes		gw	0.563	7.81E-01	no
	sc	0.227	3.15E-01	yes		sc	0.0704	9.77E-02	yes		sc	0.609	8.45E-01	no
	jr	0.0992	1.38E-01	yes		jr	0.371	5.15E-01	yes		jr	0.241	3.35E-01	no
Zinc	gh	3.26	4.52E+00	yes	**Chromium**	gh	0.0666	9.24E-02	yes	**Vanadium**	gh	0.0684	9.49E-02	NA
5.4	rb	1.16	1.61E+00	yes	0.26	rb	0.06	8.33E-02	yes	ND	rb	0.0781	1.08E-01	NA
	gw	3.19	4.43E+00	yes		gw	0.185	2.57E-01	yes		gw	0.107	1.49E-01	NA
	sc	0.598	8.30E-01	yes		sc	0.0779	1.08E-01	yes		sc	0.124	1.72E-01	NA
	jr	3.92	5.44E+00	no		jr	0.0996	1.38E-01	yes		jr	0.0554	7.69E-02	NA

Note.—Passerine>insects(grasshoppers), plants (seeds), jackrabbit (small mammal carcass). Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value (mg/kg-bw/day).

[b]MDL= method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]gh = grasshopper.

[f]NA = not applicable.

[g]ND = no data.

[h]rb= rabbitbrush.

[i]gw = gumweed.

[j]sc =sweetclover

[k]jr = jackrabbit.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for the American Kestrel (Dietary Ingestion Rate = 0.29 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum	jr[e]	8.66	2.51E+00	NA	**Antimony**	jr	0.461	1.34E-01	NA	**Arsenic**	jr	0.268	7.77E-02	yes
ND	gh[f]	4.94	1.43E+00	NA	ND	gh	0.204	5.92E-02	NA	2.8	gh	0.189	5.48E-02	yes
Barium	jr	4.43	1.28E+00	yes	**Beryllium**	jr	0.0026	7.54E-04	yes	**Cadmium**	jr	0.114	3.31E-02	yes
19.4	gh	0.381	1.10E-01	yes	19.4	gh	0.00314	9.11E-04	yes	0.13	gh	0.1	2.90E-02	yes
Cobalt	jr	0.0522	1.51E-02	yes	**Copper**	jr	0.265	7.69E-02	yes	**Iron**	jr	95.3	2.76E+01	yes
168	gh	0.065	1.89E-02	yes	11.06	gh	1	2.90E-01	yes	78	gh	4.25	1.23E+00	yes
Lead	jr	**20.68**	6.00E+00	yes	**Manganese**	jr	0.536	1.55E-01	yes	**Mercury**	jr	0.0028	8.12E-04	yes
14.5	gh	0.301	8.73E-02	yes	82	gh	3.99	1.16E+00	yes	0.5	gh	0.00933	2.71E-03	yes
Nickel	jr	0.0992	2.88E-02	yes	**Silver**	jr	0.371	1.08E-01	yes	**Selenium**	jr	0.241	6.99E-02	yes
5.82	gh	0.39	1.14E-01	yes	2.49	gh	0.0828	2.40E-02	yes	0.13	gh	0.0968	2.81E-02	yes
Zinc	jr	3.92	1.14E+00	yes	**Chromium**	jr	0.0996	2.89E-02	yes	**Vanadium**	jr	0.0554	1.61E-02	NA
5.4	gh	3.26	9.45E-01	yes	0.26	gh	0.0666	1.93E-02	yes	ND	gh	0.0684	1.98E-02	NA
Thallium	jr	ND[g]	NA[h]	NA										
0.05	gh	ND	NA	NA										

Note.—American Kestrel> jackrabbit, insects. For lead, used ucl95 value from metlvar.xls; mean was 13.2 µg/g for RSA. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value (mg/kg-bw/day).

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]jr = jackrabbit.

[f]gh = grasshopper.

[g]ND = no data.

[h]NA = not applicable.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for the Great Horned Owl (Dietary Ingestion Rate = 0.133 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum ND	jr[e]	8.66	1.15E+00	NA	**Antimony** ND	jr	0.461	6.13E-02	NA	**Arsenic** 2.8	jr	0.268	3.56E-02	yes
Barium 19.4	jr	4.43	5.89E-01	yes	**Beryllium** 19.4	jr	0.0026	3.46E-04	yes	**Cadmium** 0.13	jr	0.114	1.52E-02	yes
Cobalt 168.00	jr	0.0522	6.94E-03	yes	**Copper** 11.06	jr	0.265	3.52E-02	yes	**Iron** 78	jr	95.3	1.27E+01	yes
Lead 2.9	jr	**20.68**	2.75E+00	yes	**Manganese** 82	jr	0.536	7.13E-02	yes	**Mercury** 0.5	jr	0.0028	3.72E-04	yes
Nickel 5.82	jr	0.0992	1.32E-02	yes	**Silver** 2.49	jr	0.371	4.93E-02	yes	**Selenium** 0.13	jr	0.241	3.21E-02	yes
Zinc 5.4	jr	3.92	5.21E-01	yes	**Chromium** 0.26	jr	0.0996	1.32E-02	yes	**Vanadium** ND	jr	0.0554	7.37E-03	NA
Thallium 0.05	jr	ND[g]	NA[f]	NA										

Note.—MDLs are for jackrabbit tissue; TBVs are for raptors (all same among raptors). Raptor>jackrabbit. For lead, used ucl95 value from metlvar.xls; mean was 13.2 µg/g for RSA. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value.

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]jr = jackrabbit.

[f]NA = not applicable.

[g]ND = no data.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for the Golden Eagle (Dietary Ingestion Rate = 0.133 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum ND	jr[e]	8.66	1.15E+00	NA	**Antimony** ND	jr	0.461	6.13E-02	NA	**Arsenic** 1.4	jr	0.268	3.56E-02	yes
Barium 9.7	jr	4.43	5.89E-01	yes	**Beryllium** 9.7	jr	0.0026	3.46E-04	yes	**Cadmium** 0.07	jr	0.114	1.52E-02	yes
Cobalt 84.00	jr	0.0522	6.94E-03	yes	**Copper** 5.53	jr	0.265	3.52E-02	yes	**Iron** 39	jr	95.3	1.27E+01	yes
Lead 1.81	jr	**20.68**	2.75E+00	**no**	**Manganese** 41	jr	0.536	7.13E-02	yes	**Mercury** 0.25	jr	0.0028	3.72E-04	yes
Nickel 2.91	jr	0.0992	1.32E-02	yes	**Silver** 1.25	jr	0.371	4.93E-02	yes	**Selenium** 0.07	jr	0.241	3.21E-02	yes
Zinc 2.7	jr	3.92	5.21E-01	yes	**Chromium** 0.13	jr	0.0996	1.32E-02	yes	**Vanadium** ND	jr	0.0554	7.37E-03	NA
Thallium 0.02	jr	ND[f]	NA[g]	NA										

Note.—MDLs are for jackrabbit tissue; TBVs are for raptors (all same among raptors). Raptor>jackrabbit. For lead, used ucl95 value from metlvar.xls; mean was 13.2 µg/g for RSA. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value.

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]jr = jackrabbit.

[f]NA = not applicable.

[g]ND = no data.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for the Bald Eagle (Dietary Ingestion Rate = 0.133 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum ND	jr[e]	8.66	1.15E+00	NA	**Antimony** ND	jr	0.461	6.13E-02	NA	**Arsenic** 1.4	jr	0.268	3.56E-02	yes
Barium 9.7	jr	4.43	5.89E-01	yes	**Beryllium** 9.7	jr	0.0026	3.46E-04	yes	**Cadmium** 0.07	jr	0.114	1.52E-02	yes
Cobalt 84.00	jr	0.0522	6.94E-03	yes	**Copper** 5.53	jr	0.265	3.52E-02	yes	**Iron** 39	jr	95.3	1.27E+01	yes
Lead 1.81	jr	**20.68**	2.75E+00	no	**Manganese** 41	jr	0.536	7.13E-02	yes	**Mercury** 0.25	jr	0.0028	3.72E-04	yes
Nickel 2.91	jr	0.0992	1.32E-02	yes	**Silver** 1.25	jr	0.371	4.93E-02	yes	**Selenium** 0.07	jr	0.241	3.21E-02	yes
Zinc 2.7	jr	3.92	5.21E-01	yes	**Chromium** 0.13	jr	0.0996	1.32E-02	yes	**Vanadium** ND	jr	0.0554	7.37E-03	NA
Thallium 0.02	jr	ND[f]	NA[g]	NA										

Note.—MDLs are for jackrabbit tissue; TBVs are for raptors (all same among raptors). Raptor>jackrabbit. For lead, used ucl95 value from metlvar.xls; mean was 13.2 µg/g for RSA. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value.

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]jr = jackrabbit.

[f]NA = not applicable.

[g]ND = no data.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for the Deer Mouse (Dietary Ingestion Rate = 0.372 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum	rb[e]	19.3	7.18E+00	yes	**Antimony**	rb	0.523	1.95E-01	yes	**Arsenic**	rb	0.258	9.60E-02	yes
16.67	sc[f]	11.3	4.20E+00	yes	0.2	sc	1	3.72E-01	no	1.27	sc	0.295	1.10E-01	yes
	gw[g]	80.5	2.99E+01	no		gw	0.329	1.22E-01	yes		gw	0.628	2.34E-01	yes
	gh[h]	4.94	1.84E+00	yes		gh	0.204	7.59E-02	yes		gh	0.189	7.03E-02	yes
Barium	rb	0.411	1.53E-01	yes	**Beryllium**	rb	0.006	2.23E-03	yes	**Cadmium**	rb	0.108	4.02E-02	yes
3.96	sc	1.45	5.39E-01	yes	14.17	sc	0.0034	1.26E-03	yes	0.83	sc	0.125	4.65E-02	yes
	gw	1.75	6.51E-01	yes		gw	0.0042	1.56E-03	yes		gw	0.408	1.52E-01	yes
	gh	0.381	1.42E-01	yes		gh	0.00314	1.17E-03	yes		gh	0.1	3.72E-02	yes
Cobalt	rb	0.0945	3.52E-02	yes	**Copper**	rb	0.683	2.54E-01	yes	**Iron**	rb	18.1	6.73E+00	no
0.08	sc	0.07	2.67E-02	yes	1.57	sc	0.955	3.55E-01	yes	6.52	sc	10.6	3.94E+00	yes
	gw	0.0766	2.85E-02	yes		gw	1.08	4.02E-01	yes		gw	61.6	2.29E+01	no
	gh	0.065	2.42E-02	yes		gh	1	3.72E-01	yes		gh	4.25	1.58E+00	yes
Lead	rb	0.281	1.05E-01	yes	**Manganese**	rb	1.36	5.06E-01	yes	**Mercury**	rb	0.007	2.60E-03	yes
1.33	sc	0.194	7.22E-02	yes	22.22	sc	3.67	1.37E+00	yes	0.33	sc	0.0063	2.34E-03	yes
	gw	0.351	1.31E-01	yes		gw	3.84	1.43E+00	yes		gw	0.016	5.95E-03	yes
	gh	0.301	1.12E-01	yes		gh	3.99	1.48E+00	yes		gh	0.00933	3.47E-03	yes
Nickel	rb	0.215	8.00E-02	yes	**Silver**	rb	0.162	6.03E-02	yes	**Selenium**	rb	0.446	1.66E-01	no
10.53	sc	0.23	8.44E-02	yes	13.6	sc	0.0704	2.62E-02	yes	0.05	sc	0.609	2.27E-01	no
	gw	0.185	6.88E-02	yes		gw	0.157	5.84E-02	yes		gw	0.563	2.09E-01	no
	gh	0.393	1.46E-01	yes		gh	0.0828	3.08E-02	yes		gh	0.0968	3.60E-02	yes
Zinc	rb	1.16	4.32E-01	yes	**Chromium**	rb	0.06	2.23E-02	yes	**Vanadium**	rb	0.0781	2.91E-02	yes
6.8	sc	0.598	2.22E-01	yes	4	sc	0.0779	2.90E-02	yes	0.53	sc	0.124	4.61E-02	yes
	gw	3.19	1.19E+00	yes		gw	0.185	6.88E-02	yes		gw	0.107	3.98E-02	yes
	gh	3.26	1.21E+00	yes		gh	0.0666	2.48E-02	yes		gh	0.0684	2.54E-02	yes

Note.—Deer mouse>insects, seeds, plants(rabbitbrush, sweetclover, gumweed). Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value.

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]rb = rabbitbrush.

[f]sc = sweetclover.

[g]gw = gumweed.

[h]gh = grasshopper.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for the Jackrabbit (Dietary Ingestion Rate = 0.098 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum	rb[e]	19.3	1.89E+00	yes	**Antimony**	rb	0.523	5.13E-02	yes	**Arsenic**	rb	0.258	2.53E-02	yes
16.67	sc[f]	11.3	1.11E+00	yes	0.12	sc	1	9.80E-02	yes	0.76	sc	0.295	2.89E-02	yes
	gw[g]	80.5	7.89E+00	yes		gw	0.329	3.22E-02	yes		gw	0.628	6.15E-02	yes
Barium	rb	0.411	4.03E-02	yes	**Beryllium**	rb	0.006	5.88E-04	yes	**Cadmium**	rb	0.108	1.06E-02	yes
2.37	sc	1.45	1.42E-01	yes	8.5	sc	0.0034	3.33E-04	yes	0.5	sc	0.125	1.23E-02	yes
	gw	1.75	1.72E-01	yes		gw	0.0042	4.12E-04	yes		gw	0.408	4.00E-02	yes
Cobalt	rb	0.0945	9.26E-03	yes	**Copper**	rb	0.683	6.69E-02	yes	**Iron**	rb	18.1	1.77E+00	yes
0.05	sc	0.07	7.05E-03	yes	1.57	sc	0.955	9.36E-02	yes	3.91	sc	10.6	1.04E+00	yes
	gw	0.0766	7.51E-03	yes		gw	1.08	1.06E-01	yes		gw	61.6	6.04E+00	no
Lead	rb	0.281	2.75E-02	yes	**Manganese**	rb	1.36	1.33E-01	yes	**Mercury**	rb	0.007	6.86E-04	yes
0.8	sc	0.194	1.90E-02	yes	13.33	sc	3.67	3.60E-01	yes	0.26	sc	0.0063	6.17E-04	yes
	gw	0.351	3.44E-02	yes		gw	3.84	3.76E-01	yes		gw	0.016	1.57E-03	yes
Nickel	rb	0.215	2.11E-02	yes	**Silver**	rb	0.162	1.59E-02	yes	**Selenium**	rb	0.446	4.37E-02	no
6.32	sc	0.23	2.22E-02	yes	13.6	sc	0.0704	6.90E-03	yes	0.04	sc	0.609	5.97E-02	no
	gw	0.185	1.81E-02	yes		gw	0.157	1.54E-02	yes		gw	0.563	5.52E-02	no
Zinc	rb	1.16	1.14E-01	yes	**Chromium**	rb	0.06	5.88E-03	yes	**Vanadium**	rb	0.0781	7.65E-03	yes
6.8	sc	0.598	5.86E-02	yes	4	sc	0.0779	7.63E-03	yes	0.53	sc	0.124	1.22E-02	yes
	gw	3.19	3.13E-01	yes		gw	0.185	1.81E-02	yes		gw	0.107	1.05E-02	yes

Note.—Jackrabbit>rabbitbrush, sweetclover, gumweed. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value.

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]rb = rabbitbrush.

[f]sc = sweetclover.

[g]gw = gumweed.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for the Mule Deer (Dietary Ingestion Rate = 0.035 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum	rb[e]	19.3	6.76E-01	yes	**Antimony**	rb	0.523	1.83E-02	yes	**Arsenic**	rb	0.258	9.03E-03	yes
13.33	sc[f]	11.3	3.96E-01	yes	0.12	sc	1	3.50E-02	yes	0.76	sc	0.295	1.03E-02	yes
	gw[g]	80.5	2.82E+00	yes		gw	0.329	1.15E-02	yes		gw	0.628	2.20E-02	yes
Barium	rb	0.411	1.44E-02	yes	**Beryllium**	rb	0.006	2.10E-04	yes	**Cadmium**	rb	0.108	3.78E-03	yes
2.37	sc	1.45	5.08E-02	yes	8.5	sc	0.0034	1.19E-04	yes	0.5	sc	0.125	4.38E-03	yes
	gw	1.75	6.13E-02	yes		gw	0.0042	1.47E-04	yes		gw	0.408	1.43E-02	yes
Cobalt	rb	0.0945	3.31E-03	yes	**Copper**	rb	0.683	2.39E-02	yes	**Iron**	rb	18.1	6.34E-01	yes
0.05	sc	0.07	2.52E-03	yes	1.57	sc	0.955	3.34E-02	yes	3.91	sc	10.6	3.71E-01	yes
	gw	0.0766	2.68E-03	yes		gw	1.08	3.78E-02	yes		gw	61.6	2.16E+00	yes
Lead	rb	0.281	9.84E-03	yes	**Manganese**	rb	1.36	4.76E-02	yes	**Mercury**	rb	0.007	2.45E-04	yes
0.8	sc	0.194	6.79E-03	yes	13.33	sc	3.67	1.28E-01	yes	0.26	sc	0.0063	2.21E-04	yes
	gw	0.351	1.23E-02	yes		gw	3.84	1.34E-01	yes		gw	0.016	5.60E-04	yes
Nickel	rb	0.215	7.53E-03	yes	**Silver**	rb	0.162	5.67E-03	yes	**Selenium**	rb	0.446	1.56E-02	yes
6.32	sc	0.23	7.95E-03	yes	17	sc	0.0704	2.46E-03	yes	0.04	sc	0.609	2.13E-02	yes
	gw	0.185	6.48E-03	yes		gw	0.157	5.50E-03	yes		gw	0.563	1.97E-02	yes
Zinc	rb	1.16	4.06E-02	yes	**Chromium**	rb	0.06	2.10E-03	yes	**Vanadium**	rb	0.0781	2.73E-03	yes
8.5	sc	0.598	2.09E-02	yes	4	sc	0.0779	2.73E-03	yes	0.67	sc	0.124	4.34E-03	yes
	gw	3.19	1.12E-01	yes		gw	0.185	6.48E-03	yes		gw	0.107	3.75E-03	yes

Note.—Mule deer>rabbitbrush, sweetclover, gumweed. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value.

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL= detection limit.

[e]rb = rabbitbrush.

[f]sc = sweetclover.

[g]gw = gumweed.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for the Kit Fox (Dietary Ingestion Rate = 0.158 kg/kg bw/day)

TBV[a]	Matrix	MDL[b] mg/kg	Comp[c] Value	DL[d] Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum	jr[e]	8.66	1.37E+00	yes	**Antimony**	jr	0.461	7.28E-02	no	**Arsenic**	jr	0.268	4.23E-02	yes
6.67	gh[f]	4.94	7.81E-01	yes	0.06	gh	0.204	3.22E-02	yes	0.38	gh	0.189	2.99E-02	yes
Barium	jr	4.43	7.00E-01	yes	**Beryllium**	jr	0.0026	4.11E-04	yes	**Cadmium**	jr	0.114	1.80E-02	yes
1.19	gh	0.381	6.02E-02	yes	4.25	gh	0.00314	4.96E-04	yes	0.25	gh	0.1	1.58E-02	yes
Cobalt	jr	0.0522	8.25E-03	yes	**Copper**	jr	0.265	4.19E-02	yes	**Iron**	jr	95.3	1.51E+01	no
0.02	gh	0.07	1.03E-02	yes	0.98	gh	1	1.58E-01	yes	1.96	gh	4.25	6.72E-01	yes
Lead	jr	**20.68**	3.27E+00	no	**Manganese**	jr	0.536	8.47E-02	yes	**Mercury**	jr	0.0028	4.42E-04	yes
0.4	gh	0.301	4.76E-02	yes	6.67	gh	3.99	6.30E-01	yes	0.13	gh	0.00933	1.47E-03	yes
Nickel	jr	0.0992	1.57E-02	yes	**Silver**	jr	0.371	5.86E-02	yes	**Selenium**	jr	0.241	3.81E-02	no
3.16	gh	0.39	6.21E-02	yes	6.8	gh	0.0828	1.31E-02	yes	0.02	gh	0.0968	1.53E-02	yes
Zinc	jr	3.92	6.19E-01	yes	**Chromium**	jr	0.0996	1.57E-02	yes	**Vanadium**	jr	0.0554	8.75E-03	yes
3.4	gh	3.26	5.15E-01	yes	2.5	gh	0.0666	1.05E-02	yes	0.27	gh	0.0684	1.08E-02	yes
Thallium	jr	ND[g]	NA[h]	NA										
0.01	gh	ND	NA	NA										

Note.—Kit fox> jackrabbit, insects. For lead, used ucl95 value from metlvar.xls; mean was 13.2 µg/g for RSA. Rate represents 95% Percentile Dietary Ingestion Rate.

[a]TBV = toxicity benchmark value.

[b]MDL = method detection limit.

[c]Comp Value = comparison value.

[d]DL = detection limit.

[e]jr = jackrabbit.

[f]gh = grasshopper.

[g]ND = no data.

[h]NA = not applicable.

TECHNICAL DATA

Bioconcentration Factors (BCF) for Aquatic Invertebrates

Analyte	BCF	Reference
Acetone	NA	
Aluminum	1,550 algae 25,000 plankton	Jorgensen 1979.
Arsenic	17	USEPA 1980a.
Barium	260 algae 120 plankton	Jorgensen 1979.
Benzo(a)anthracene	See naphthalene	
Benzyl alcohol	NA	
Beryllium	10	Bodek et al. 1991.
Bis-2-ethylhexyl phthalate	NA	
Cadmium	1387.8	USEPA 1980.
Chrysene	See naphthalene	
Cobalt	200	Bodek et al. 1991.
Chromium	40	Bodek et al. 1991.
Copper	203	USEPA 1980.
Fluorene	See naphthalene	
Fluoranthene	See naphthalene	
Fluoride	0.86	Jorgensen 1979.
Iron	190 fish 87,000 plankton	Jorgensen 1979.
Lead	1,700	USEPA 1980.
Manganese	23 fish	Jorgensen 1979.
Mercury	15,000	USEPA 1980.
Methyl-n-butyl ketone	NA	
Naphthalene	12.54 snail 25-120 algae	Jorgensen 1977.
Nickel	100	Bodek et al. 1991.
Nitrate	7,500 algae 19,000 plankton	Jorgensen 1979. (based on N)
3-Nitrotoluene	NA	
Phenanthrene	See naphthalene	

Bioconcentration Factors (BCF) for Aquatic Invertebrates (continued)

Analyte	BCF	Reference
Pyrene	NA	
Selenium	167	Bodek et al. 1991.
Silver	5-36 Daphnia magna	Jorgensen 1979.
1,1,1-Trichloroethane	NA	
Vanadium	3,000 620 plankton	Bodek et al. 1991. Jorgensen 1979.
Zinc	1,130 1,700 chironomid	USEPA 1980. Jorgensen 1979.

Analyte	Assimilation (A_r, day^{-1})	Biological half-life (T_b, days)	Loss Rate (K_{EL}, day^{-1})	Reference
Acetone	NA	3.5* (mussel)	0.198 based on T_b	Jorgensen 1979.
Aluminum	0.10			Venugopal and Luckey 1978.
Arsenic	0.94 (mouse, AsIII and AsV)	60 - 90 (rat)	0.0077-0.012	WHO 1981.
	0.95 (dog, AsV)	2.5 (chicken)	0.277	
		2.4 (dog)	0.288	
Barium	0.02	27% within 24 hr = 50% within 1.85 day	0.37 (est. from T_b)	Venugopal and Luckey 1978.
Benzo(a)anthracene	assume 0.3		0.892 (styrene, human)	Ramsey et al. 1980.
Benzo(a)pyrene (BaP)		2-16 (invertebrate)	0.04-0.35 (estimate from T_b)	
Benzyl alcohol	NA	NA	NA	
Beryllium	0.01	1,210 (mouse)	0.00057	WHO 1990b.
		890 (rat)	0.00078	
		1,770 (monkey)	0.00039	
		1,270 (dog)	0.00055	
			estimated from T_b	
Bis-2-ethylhexyl phthalate	0.56 (rat)	3 - 5 12.2 - 4.56 (fish)	0.5-0.6 (reported) 0.057 (estimate from T_b)	WHO 1992a. Jorgensen 1979.
Cadmium	0.05 - 0.20 (human)	93-202 (human)	0.0083 - 0.0568 (reported)	WHO 1992b.
	0.10 (mouse)	6,205 (kidney)	0.003-0.007 (est. human T_b)	
	0.005 - 0.08 ($CdCl_2$, $CdNO_3$)	7,300 (renal cortex)	0.00011 (est. kidney T_b) 0.000095 (est. renal cortex T_b)	Jorgensen 1979.
		200 (mouse)	0.0347 (estimate from T_b)	
Chrysene	see BaP			
Cobalt	Assume 0.9	800 (human)	0.00087 (estimate from T_b)	Jorgensen 1979.
Chromium	0.001 - 0.012 0.50	83.4	0.0083 (estimate from T_b)	NAS 1974a.
Copper	0.05	NA	NA	Venugopal and Luckey 1978.

Assimilation and Loss Rates (continued)

Analyte	Assimilation (A_r, day^{-1})	Biological half-life (T_b, days)	Loss Rate (K_{EL}, day^{-1})	Reference
Fluorene	see BaP			
Fluoranthene	see BaP			
Iron	0.20	2,040-2,580 (human)	0.02 (est. from 2% of body burden excreted)	Venugopal and Luckey 1978.
			0.00034 (estimated from T_b)	Jorgensen 1979.
Lead	0.015 (adult)			Venugopal and Luckey 1978.
	0.9 (juvenile, assumed)			
Manganese	1-3.5%	39 (human)	0.018 (estimated from T_b)	Jorgensen 1979.
Mercury	0.9 (CH_3Hg)	50 - 70	0.0099	WHO 1990c.
Methyl-n-butyl ketone	NA	NA	NA	
Nickel	0.03			Venugopal and Luckey 1978.
Nitrate	NA			
3-Nitrotoluene	NA			
Phenanthrene	see BaP			
Pyrene	see BaP			
Selenium		64 (earthworm) 13 (mouse) 10 (pheasant)	0.011 0.053 0.0693 (above values estimated from T_b)	Jorgensen 1979. Jorgensen 1979. Jorgensen 1979.
Silver	NA	NA	NA	
1,1,1-Trichloroethane		3.5	0.193	Jorgensen 1979.
Vanadium	0.1			Venugopal and Luckey 1978.
Zinc	0.5 - 0.8	7 days (human)	0.01(measured)	Friberg et. al. 1979.

Note.-* Value if for aliphatic hydrocarbons.

Physicochemical Constants Used in the Aquatic Food Web Model

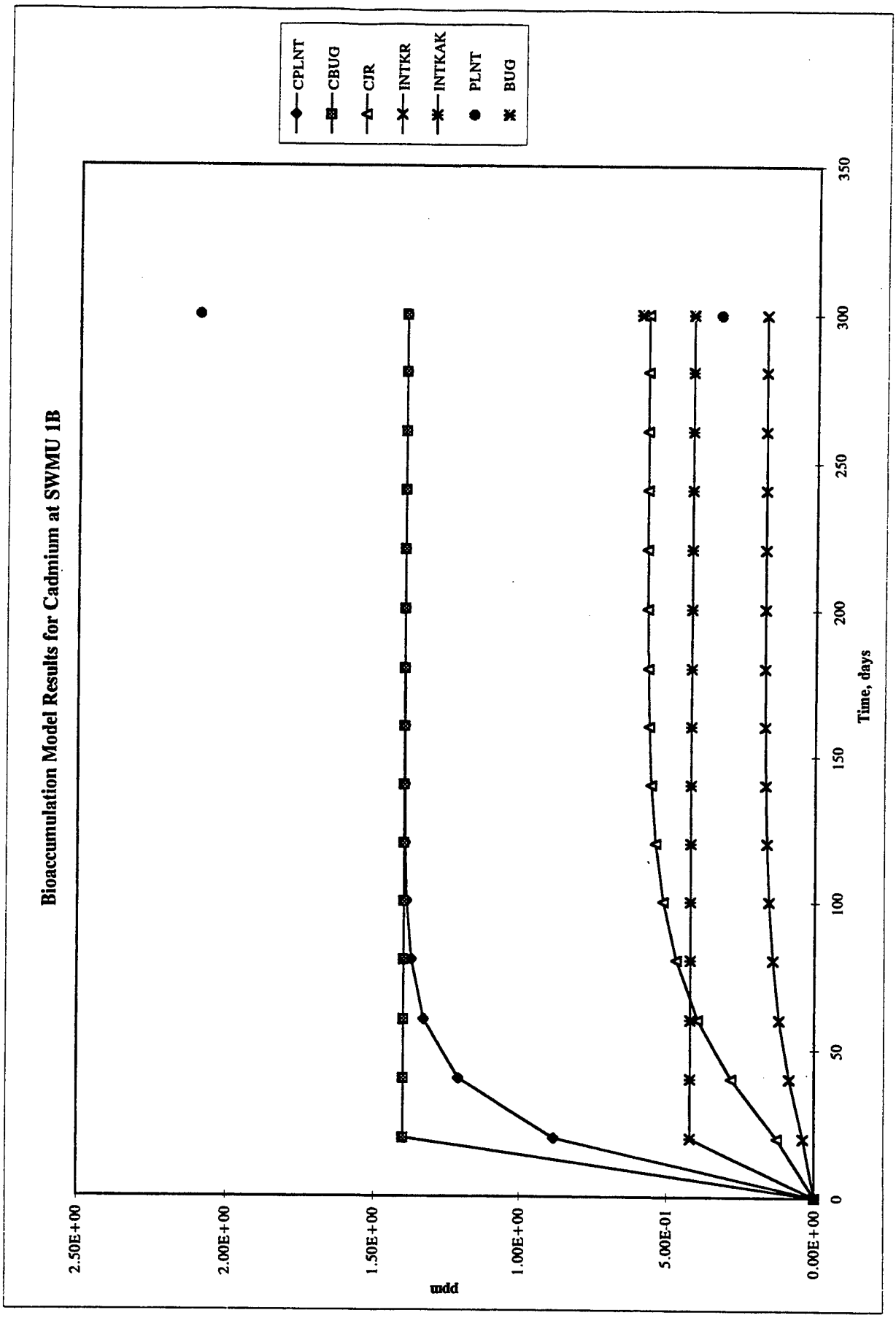
Analyte	log K_{ow} [a]	log K_{oc} [b]	$T_{1/2}$ [c] (days)	Reference
Acetone	NA[d]	NA	NA	Ryan et al. 1988.
Aluminum	NA	NA	a[e]	
Arsenic	NA	NA	a	
Barium	NA	NA	a	
Benzo(a)anthracene	5.61	5.29	>50	Ryan et al. 1988.
Benzyl alcohol	NA	NA	NA	Ryan et al. 1988.
Beryllium	NA	NA	a	
Bis-2-ethylhexyl phthalate	8.73	8.41	10-50	Ryan et al. 1988.
	3-5		>100 yr in H_2O; 5.25 d with biodegradation	WHO 1992a.
Cadmium	NA	NA	a	
Chrysene	5.61	5.29	>50	Ryan et al. 1988.
Cobalt	NA	NA	a	
Chromium	NA	NA	a	
Copper	NA	NA	a	
Fluorene	4.18	3.86	>50	Ryan et al. 1988.
Fluoranthene	5.33	5.01	>50	Ryan et al. 1988.
Iron	NA	NA	a	
Lead	NA	NA	a	
Manganese	NA	NA	a	
Mercury	NA	NA	a	
Methyl-n-butyl ketone	1.38 (estimated from MIBK)	NA	NA	WHO 1990a.
Nickel	NA	NA	a	
Nitrate	NA	NA	a	
3-Nitrotoluene	NA	NA	NA	Ryan et al. 1988.
Phenanthrene	4.46	4.14	> 50	Ryan et al. 1988.

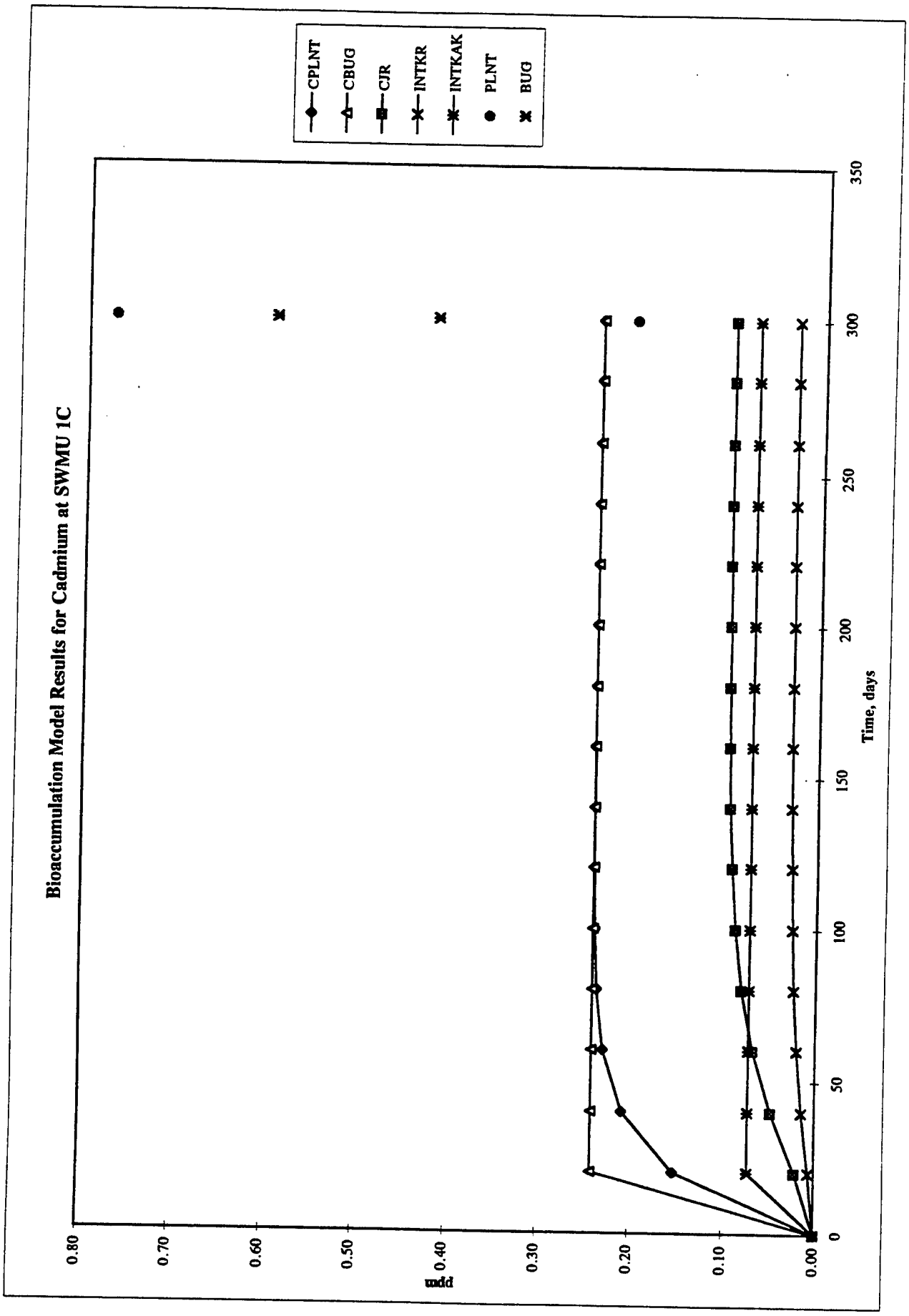
Physicochemical Constants Used in the Aquatic Food Web Model (continued)

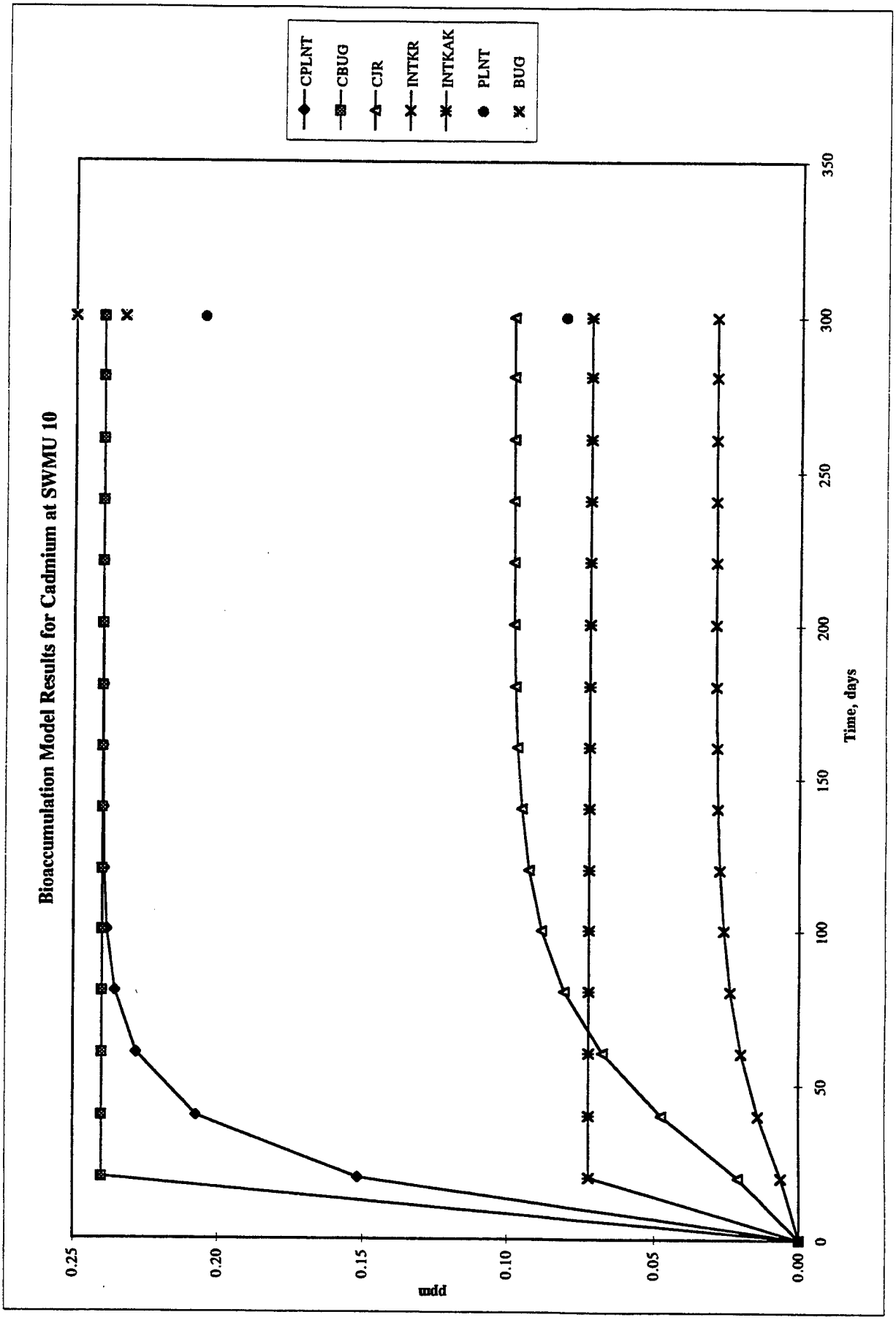
Analyte	log K_{ow} [a]	log K_{oc} [b]	$T_{1/2}$ [c] (days)	Reference
Pyrene	5.32	5	> 50	Ryan et al. 1988.
Selenium	NA	NA	a	
Sulfate	NA	NA	a	
1,1,1-Trichloroethane	2.17	1.85	NA	Ryan et al. 1988.
Vanadium	NA	NA	a	
Zinc	NA	NA	a	

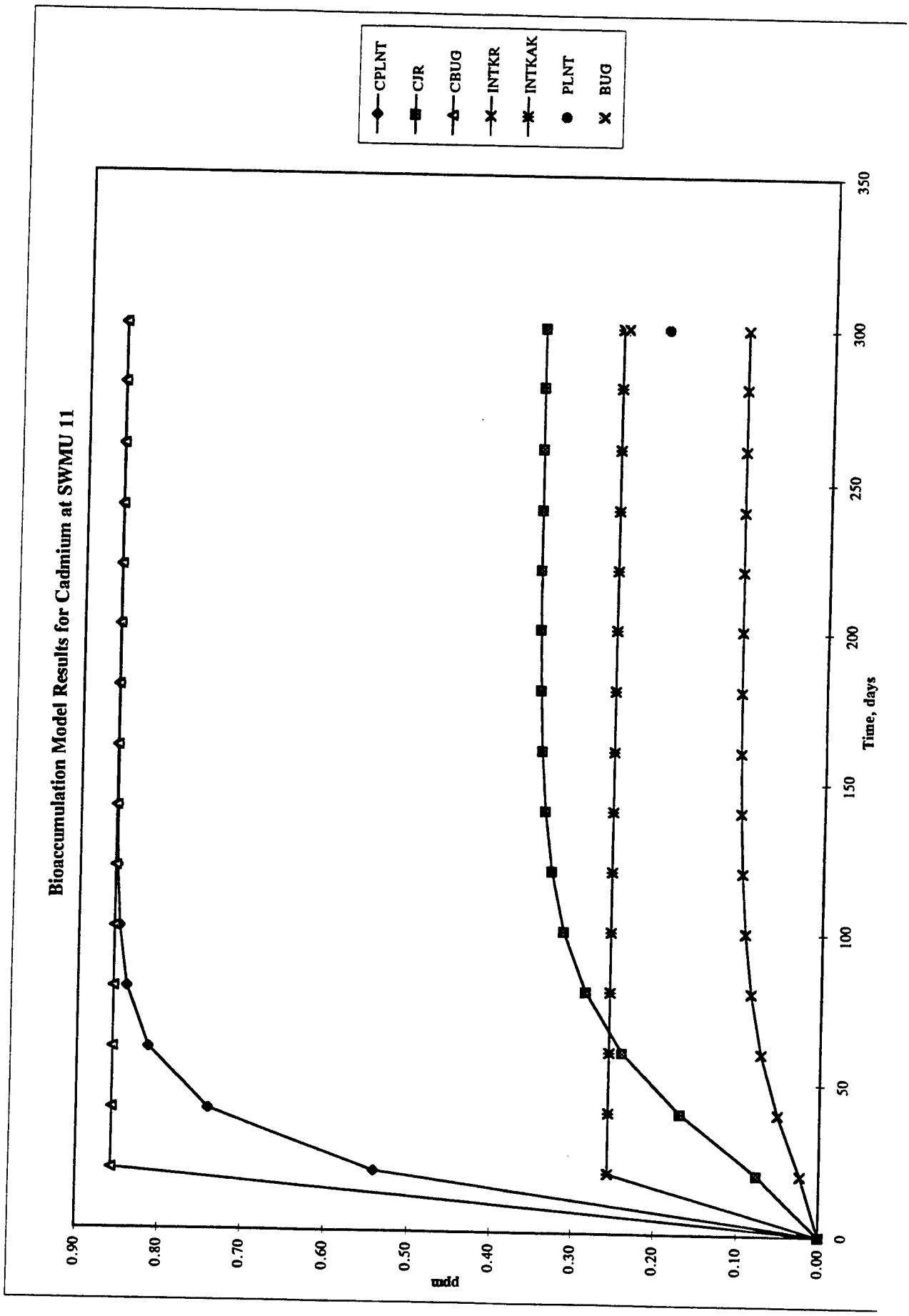
[a] K_{ow} - octanol water partition coefficient
[b] log K_{oc} = soil-water partition coefficient normalized for organic carbon (log K_{oc} = log K_{ow} - 0.317; Ryan *et al.*, 1988)
[c] $T_{1/2}$ = environmental half-life
[d] NA = not applicable
[e] a = assume 0.00001

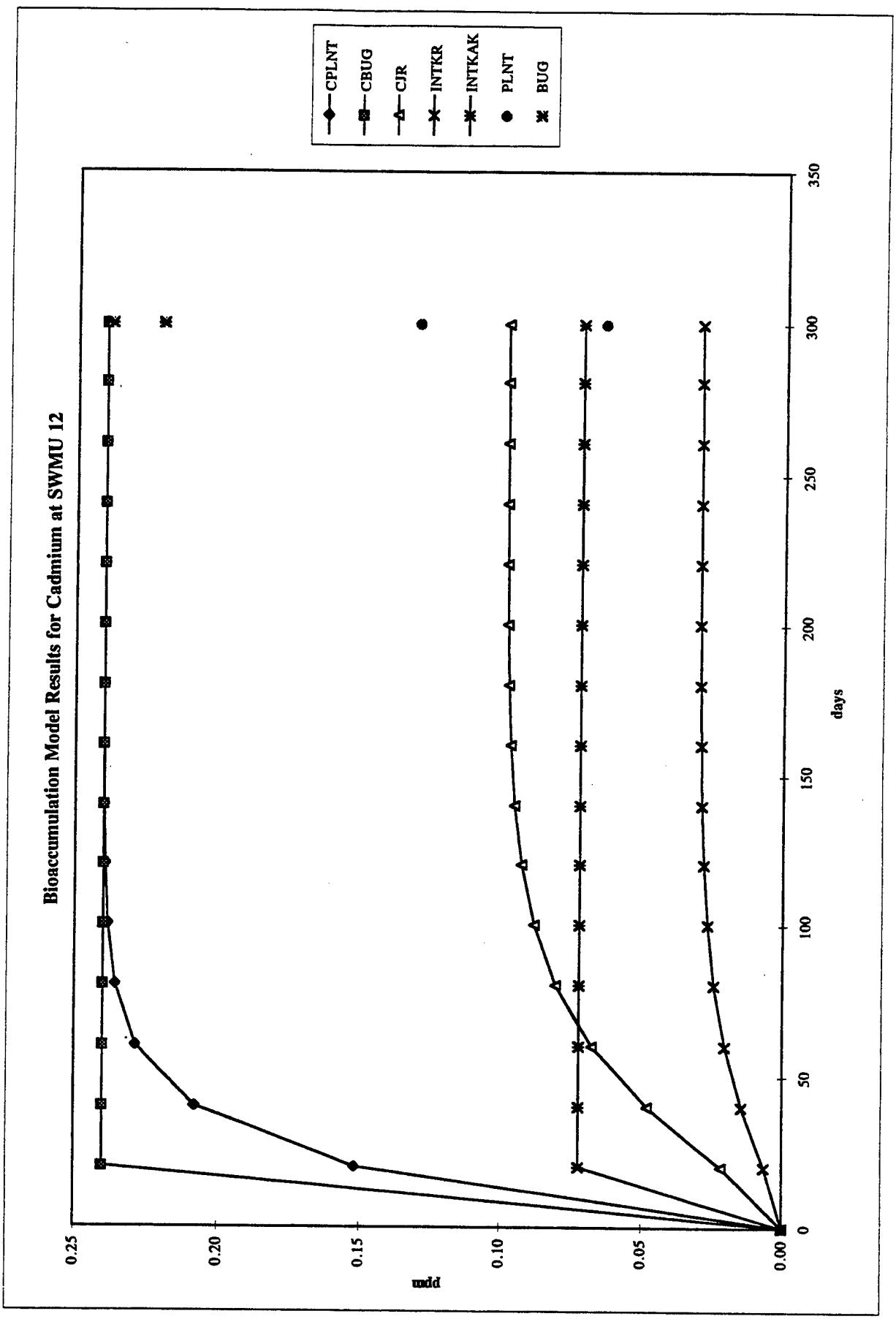
MODEL RESULTS

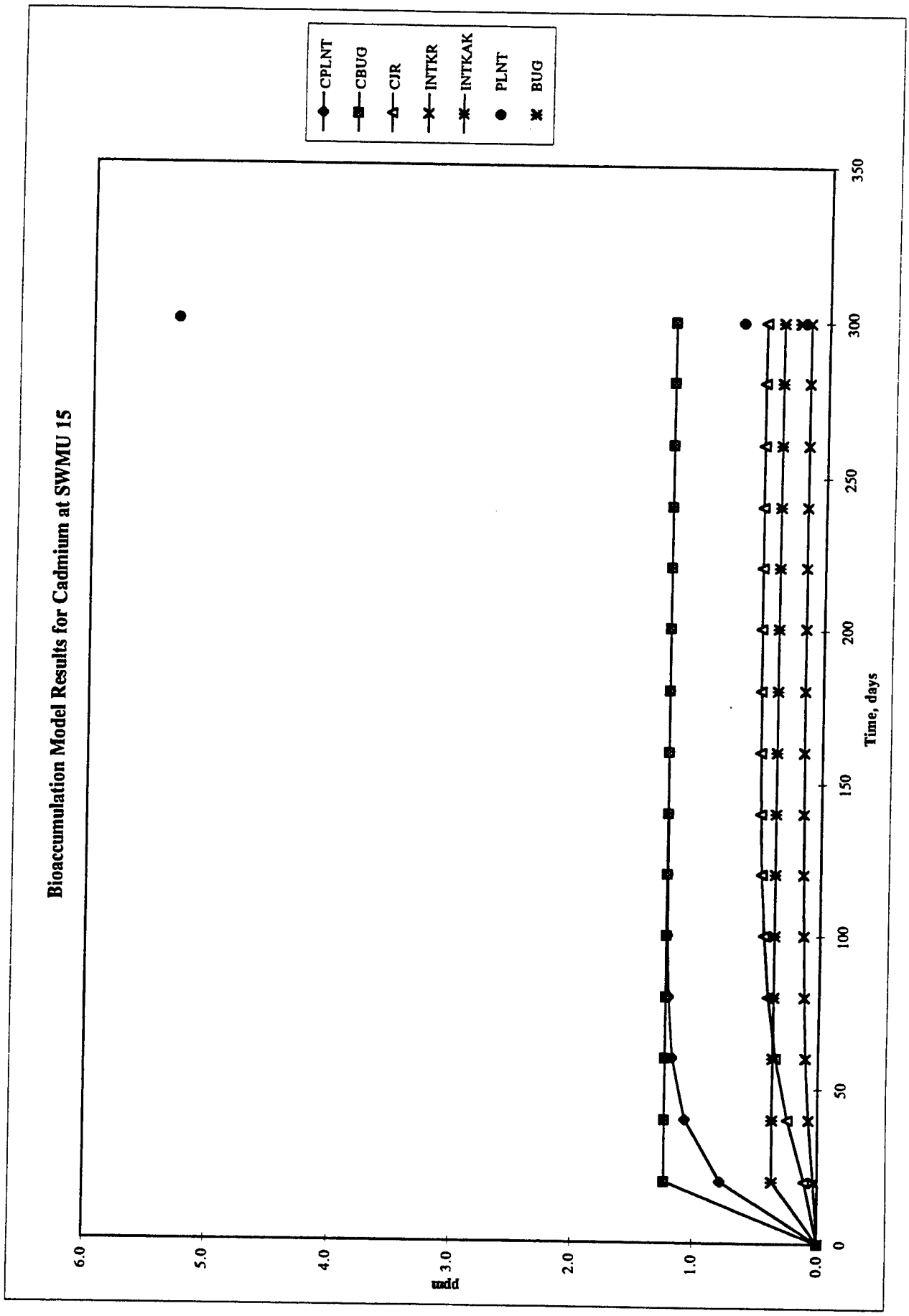

Bioaccumulation Model Results for Cadmium at SWMU 1B
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm
2.50E+00
2.00E+00
1.50E+00
1.00E+00
5.00E-01
0.00E+00
0
50
100
150
200
250
300
350
Time, days

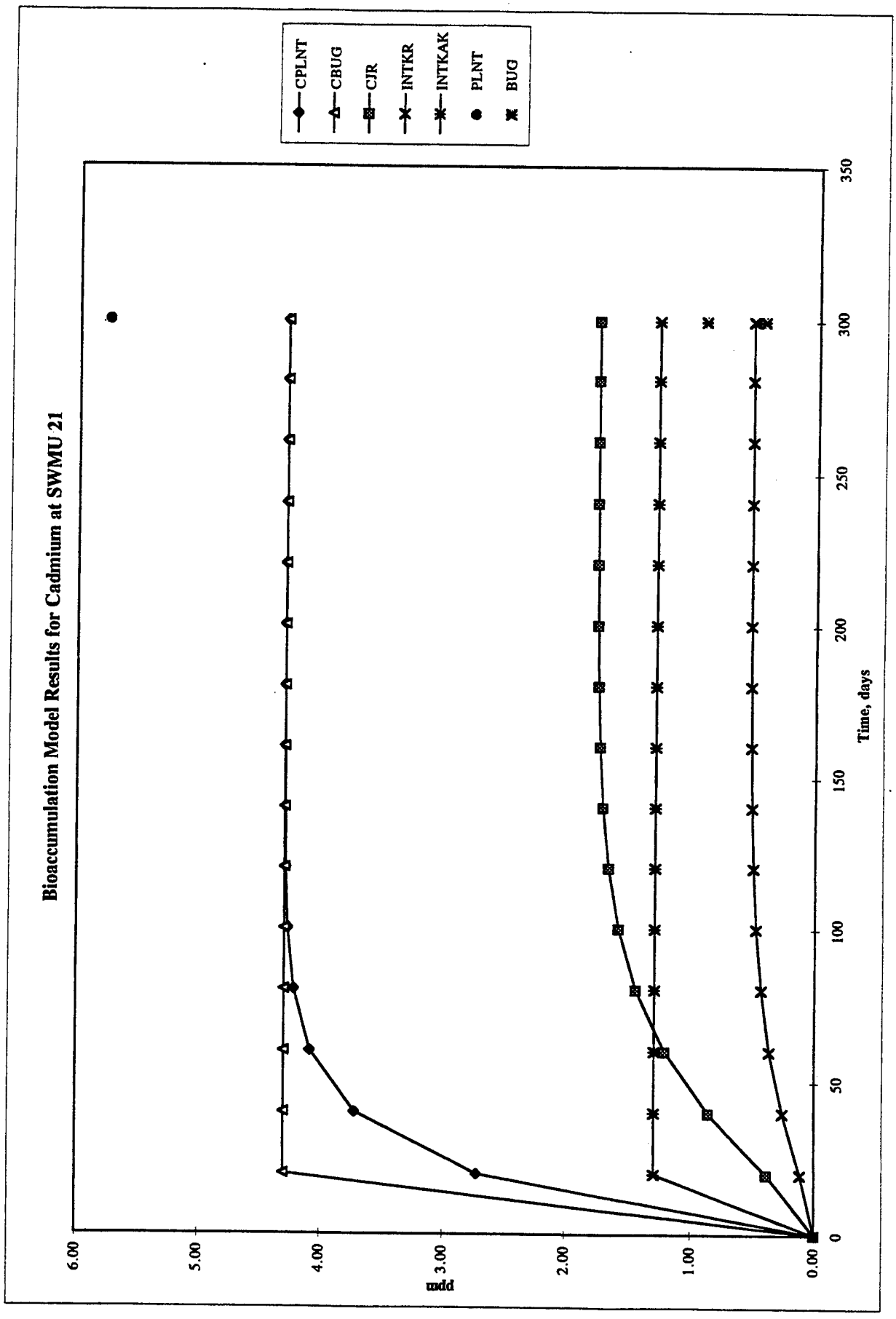

Bioaccumulation Model Results for Cadmium at SWMU 1C
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
0
50
100
150
200
250
300
350
Time, days

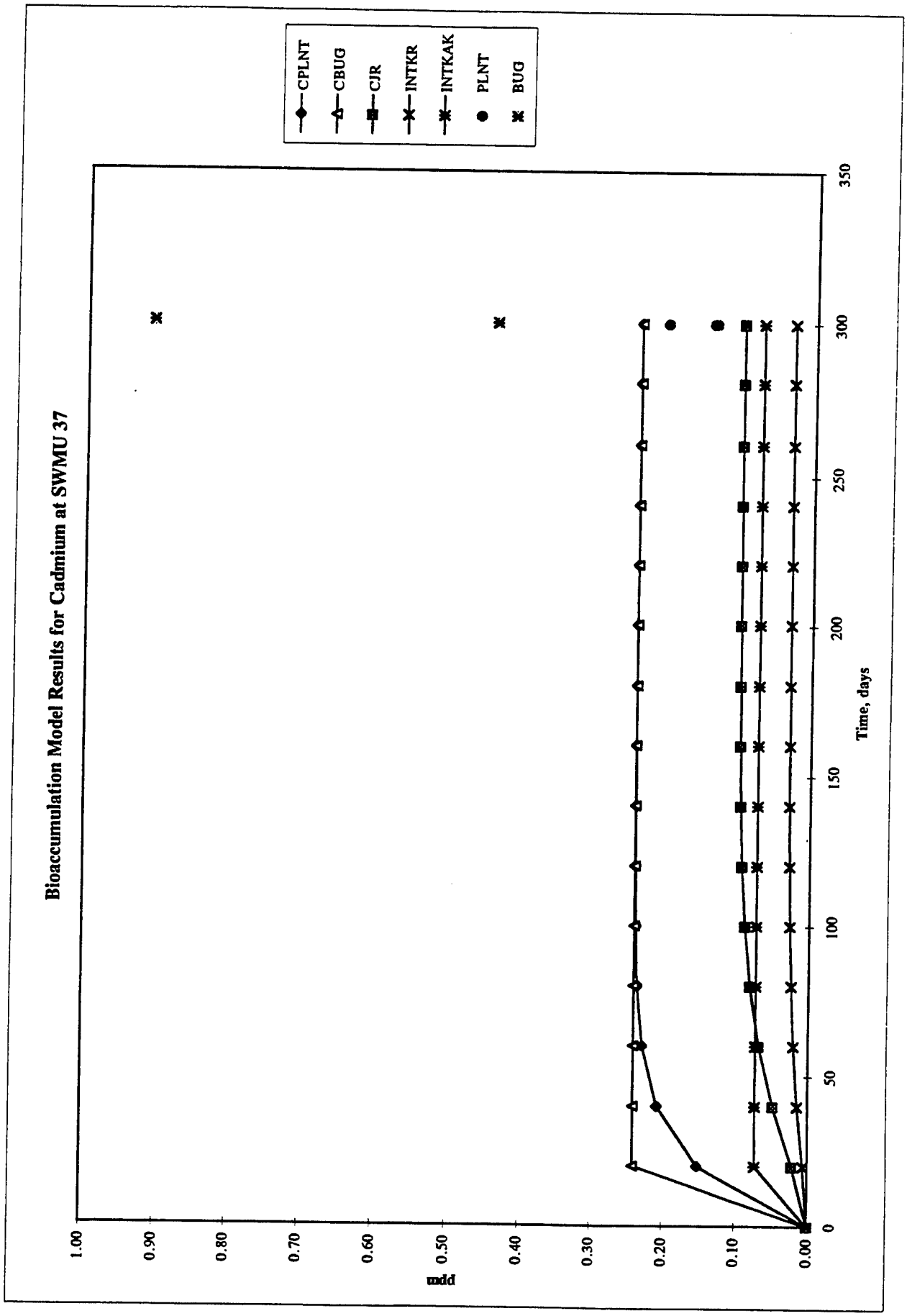

Bioaccumulation Model Results for Cadmium at SWMU 10
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm
0.25
0.20
0.15
0.10
0.05
0.00
0
50
100
150
200
250
300
350
Time, days

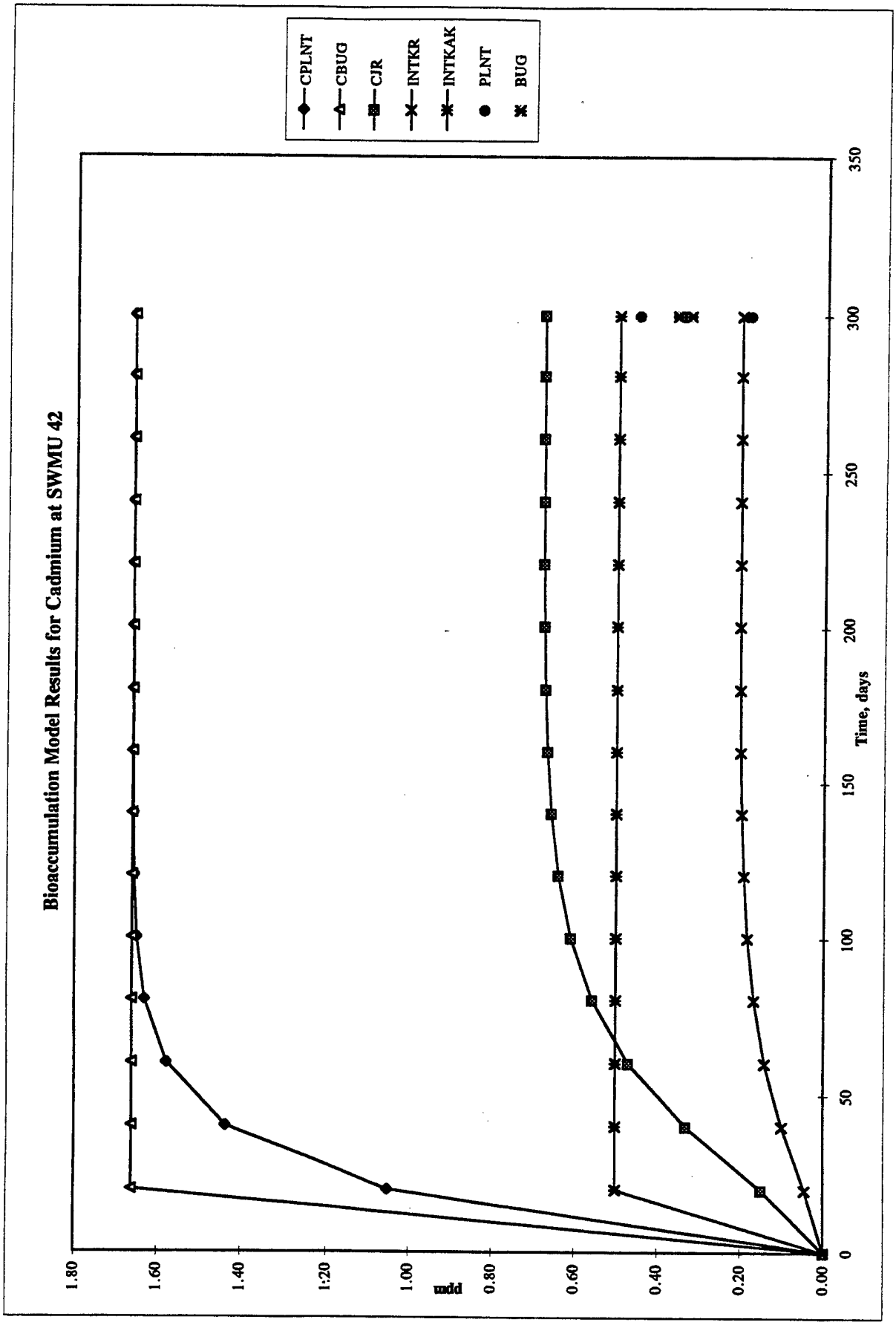

Bioaccumulation Model Results for Cadmium at SWMU 11
CPLNT
CJR
CBUG
INTKR
INTKAK
PLNT
BUG
ppm
0.00
0.10
0.20
0.30
0.40
0.50
0.60
0.70
0.80
0.90
Time, days
0
50
100
150
200
250
300
350

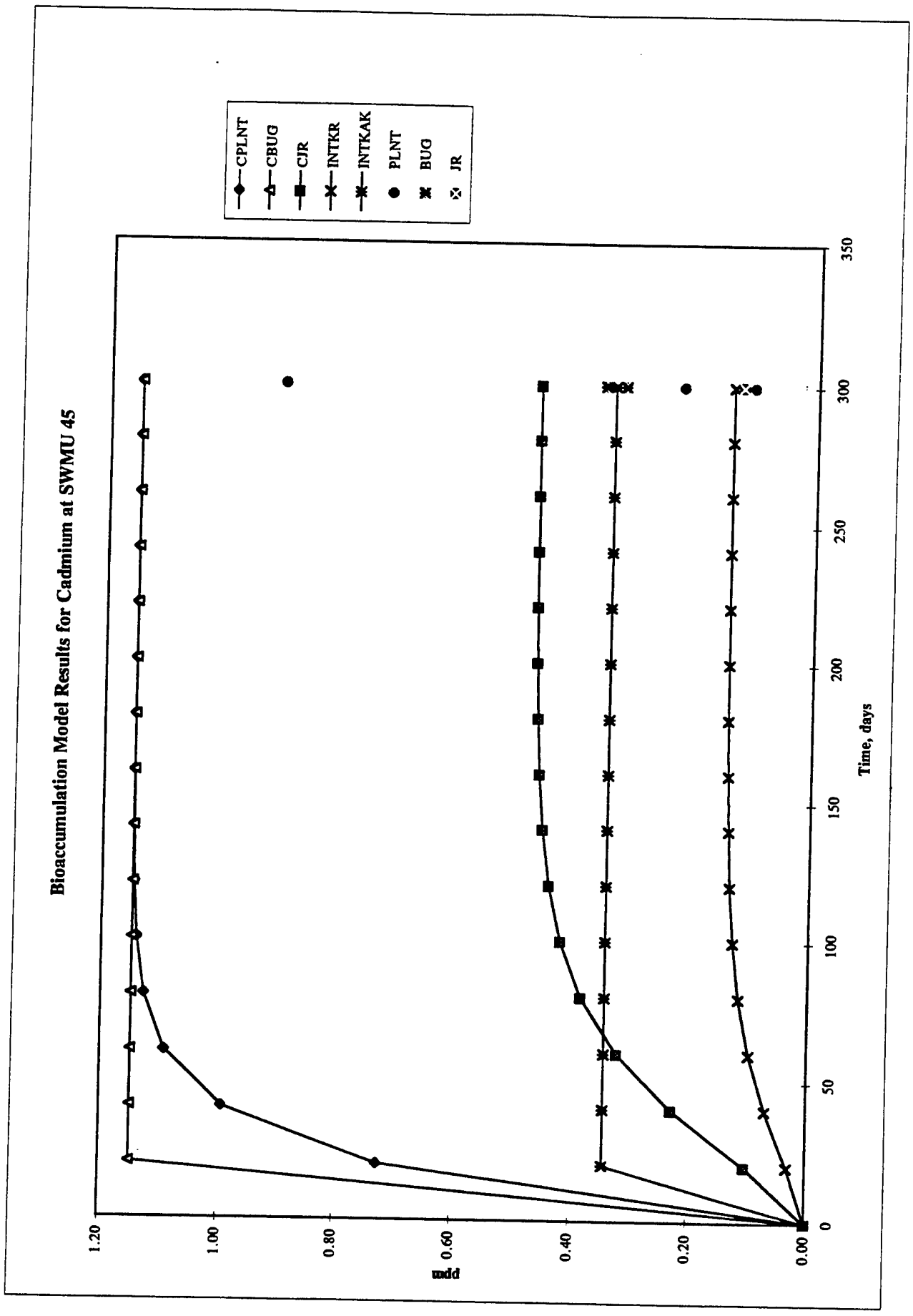

Bioaccumulation Model Results for Cadmium at SWMU 12
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm
0.25
0.20
0.15
0.10
0.05
0.00
0
50
100
150
200
250
300
350
days

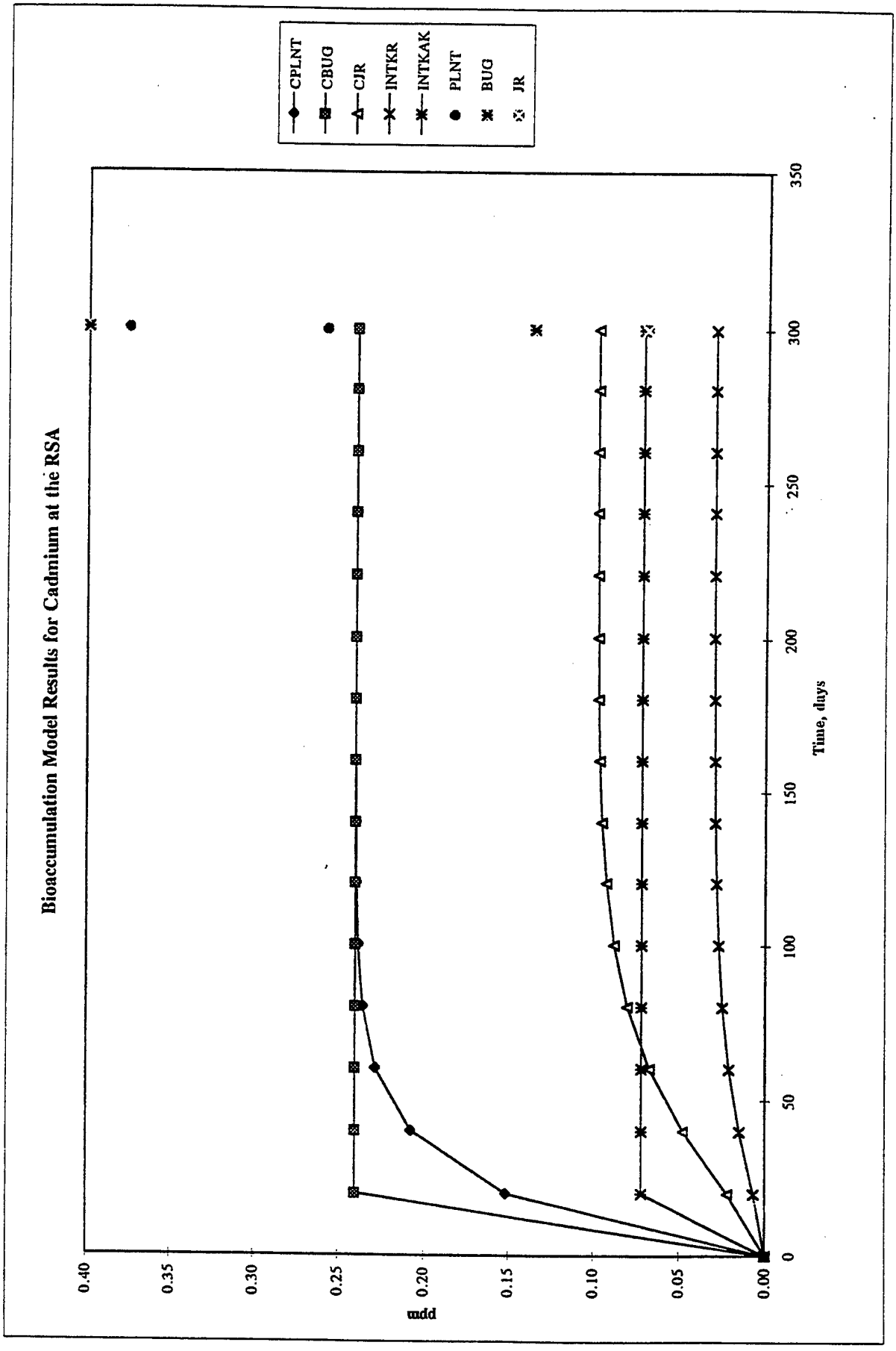

Bioaccumulation Model Results for Cadmium at SWMU 15
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
Time, days

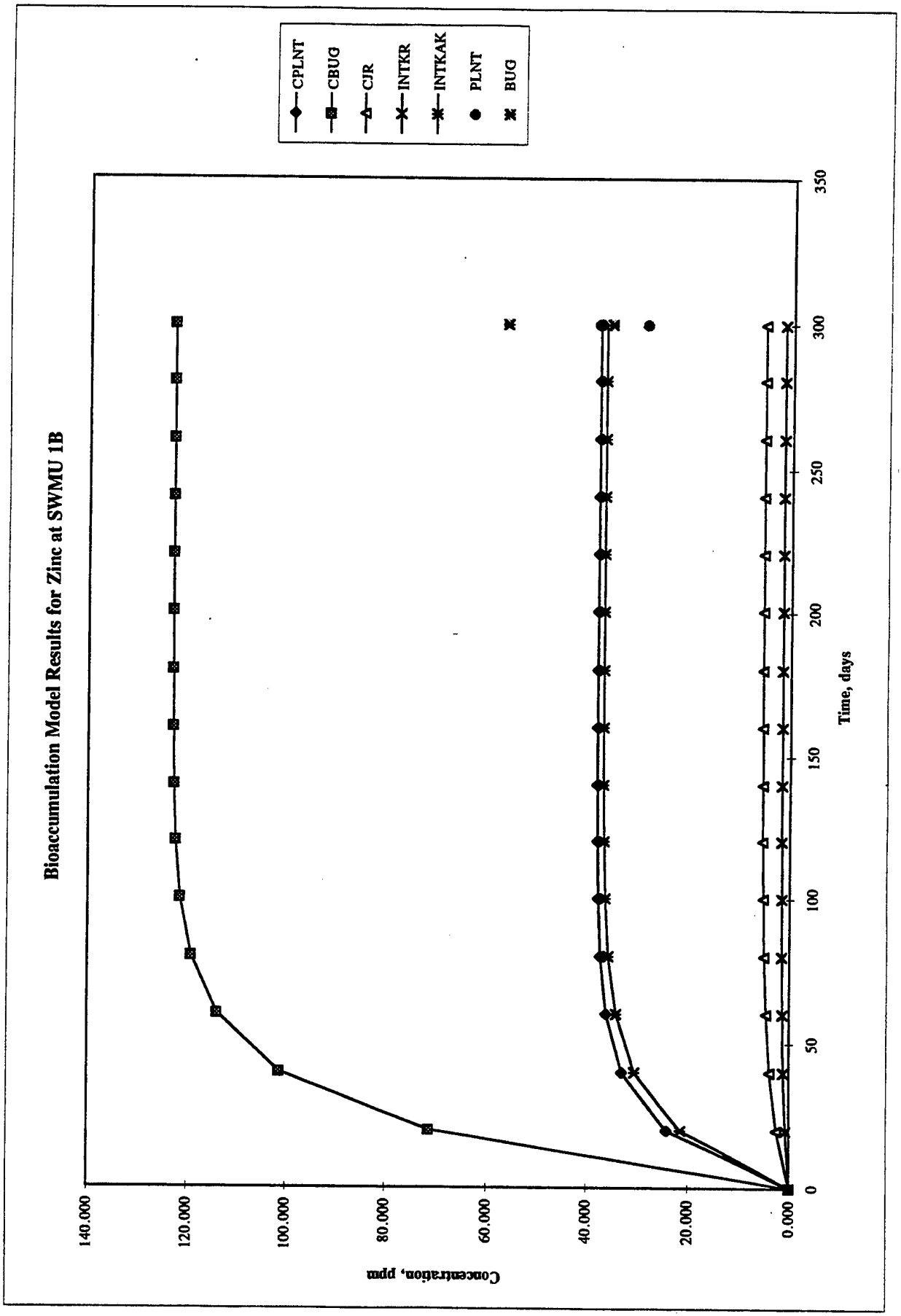

Bioaccumulation Model Results for Cadmium at SWMU 21
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm
6.00
5.00
4.00
3.00
2.00
1.00
0.00
0
50
100
150
200
250
300
350
Time, days

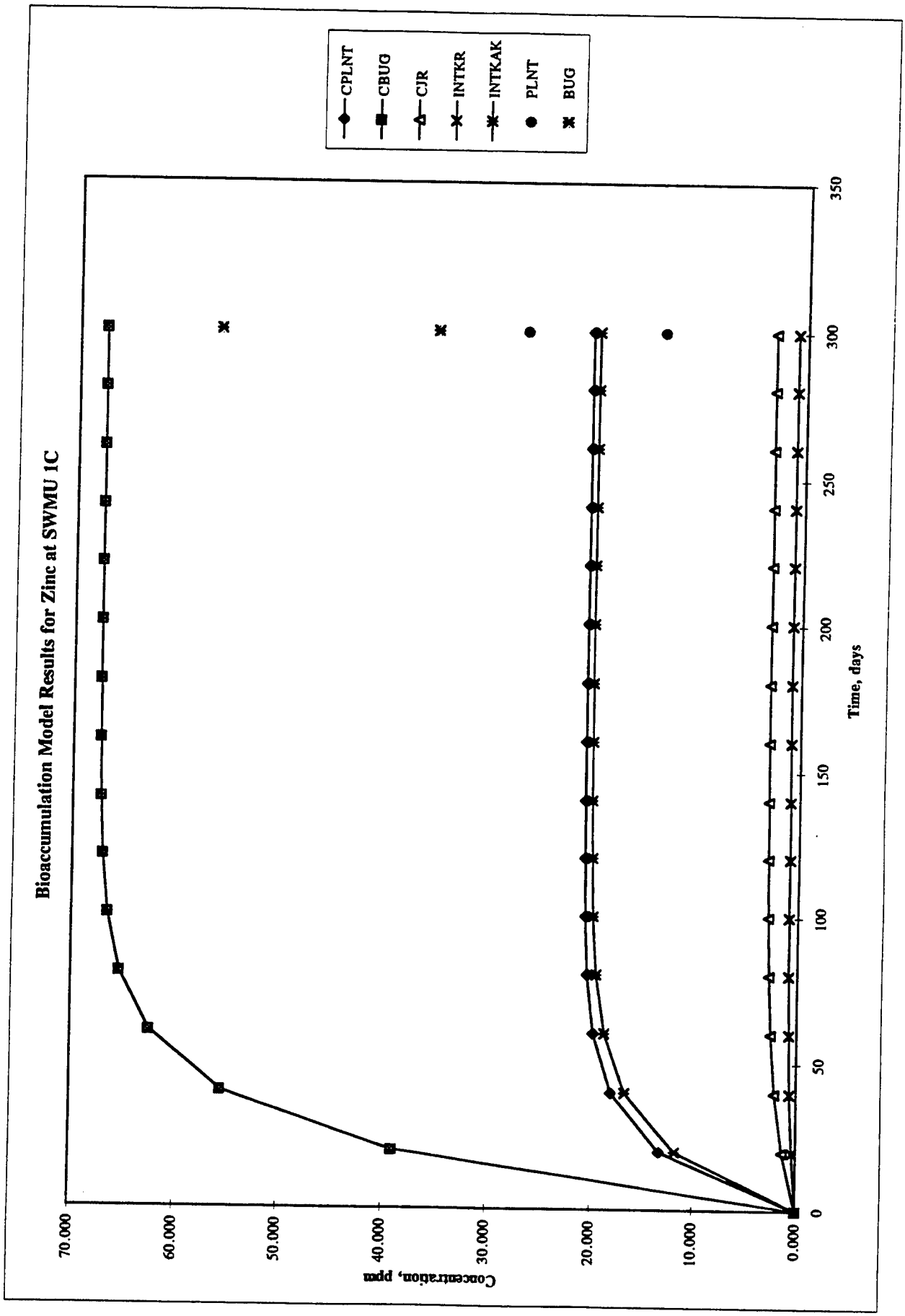

Bioaccumulation Model Results for Cadmium at SWMU 37
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
0
50
100
150
200
250
300
350
Time, days

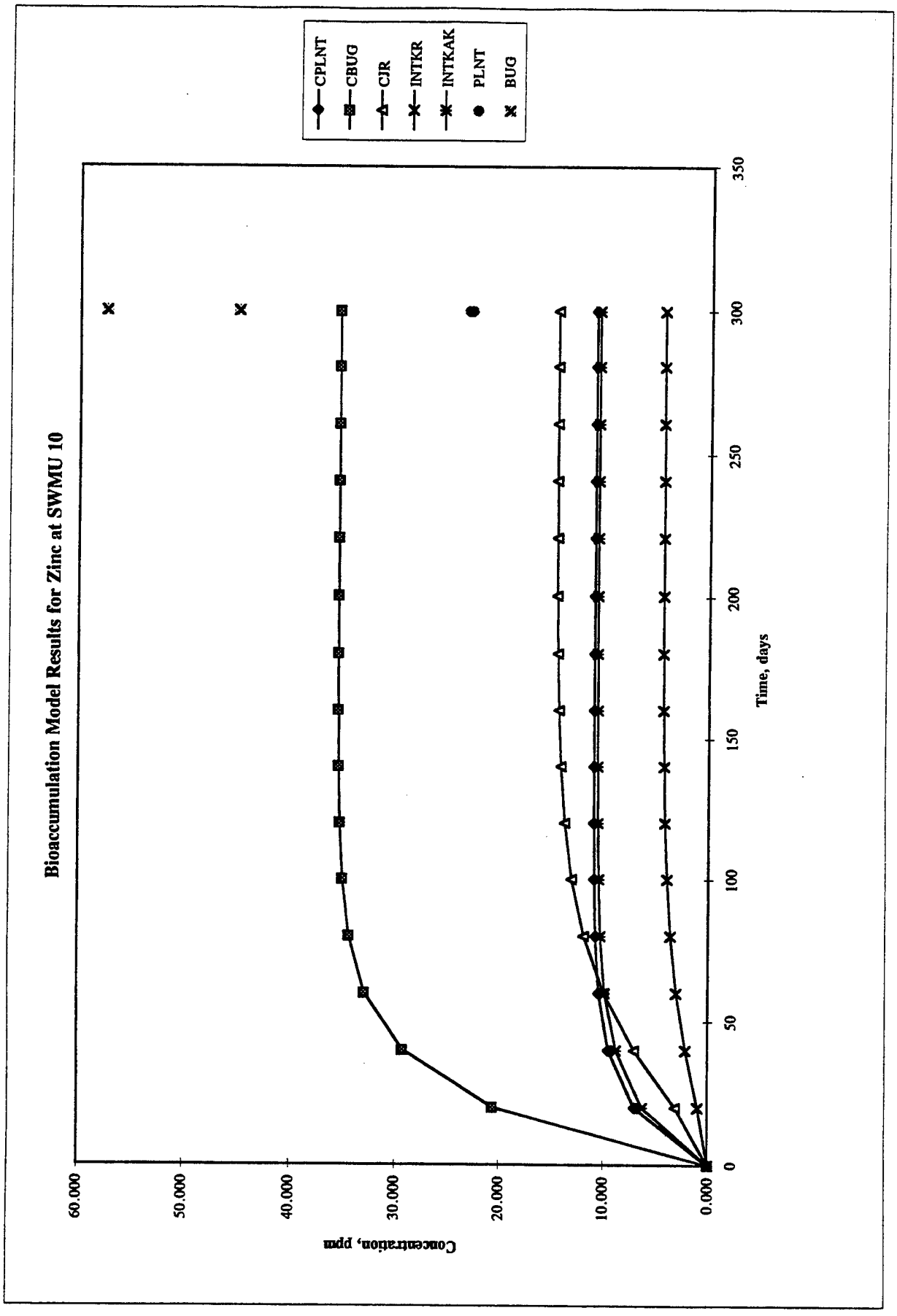

Bioaccumulation Model Results for Cadmium at SWMU 42
CPLNT
CBUG
CIR
INTKR
INTKAK
PLNT
BUG
ppm
1.80
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
0
50
100
150
200
250
300
350
Time, days

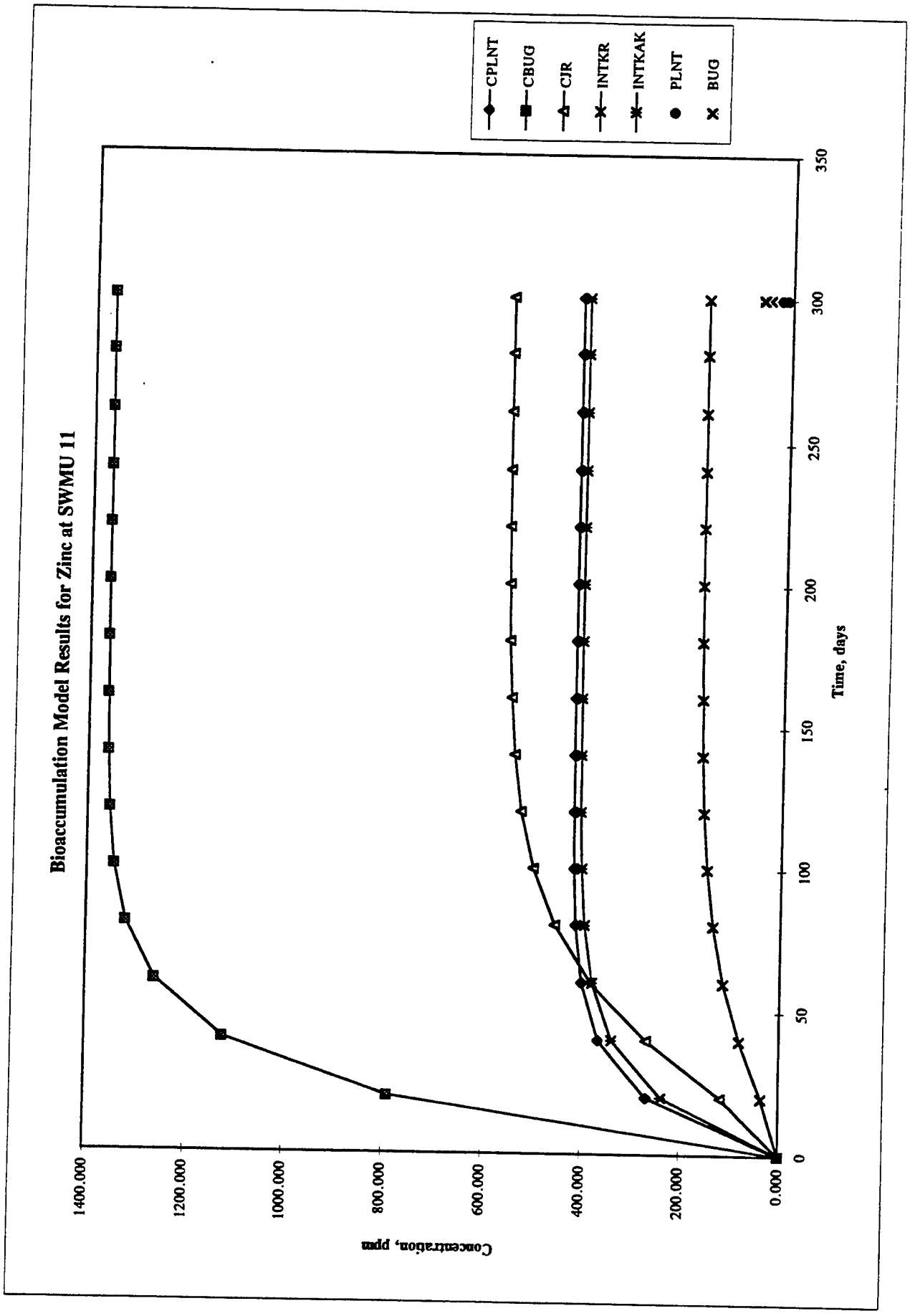

Bioaccumulation Model Results for Cadmium at SWMU 45
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
ppm
1.20
1.00
0.80
0.60
0.40
0.20
0.00
0
50
100
150
200
250
300
350
Time, days

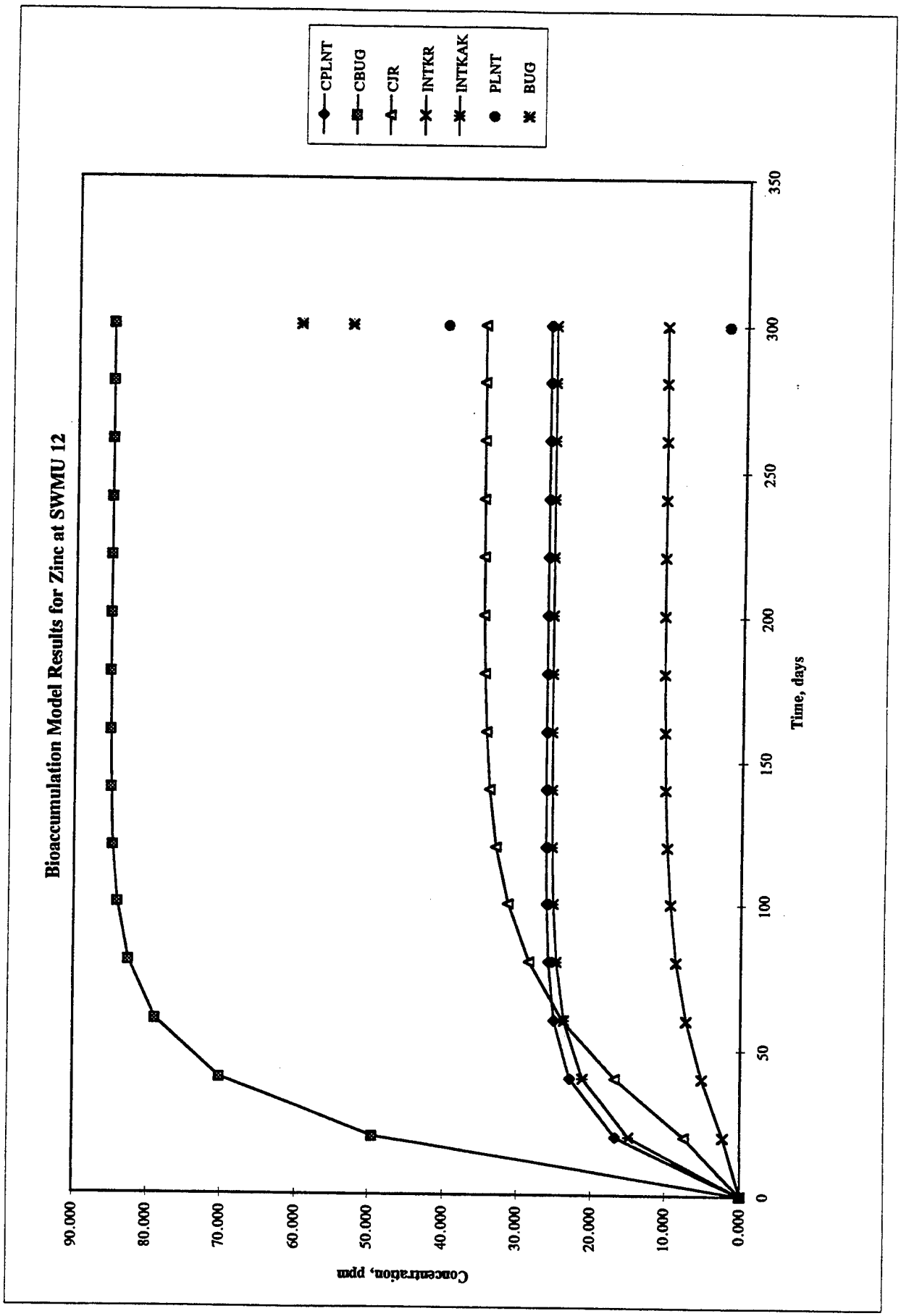

Bioaccumulation Model Results for Cadmium at the RSA
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
ppm
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
50
100
150
200
250
300
350
Time, days

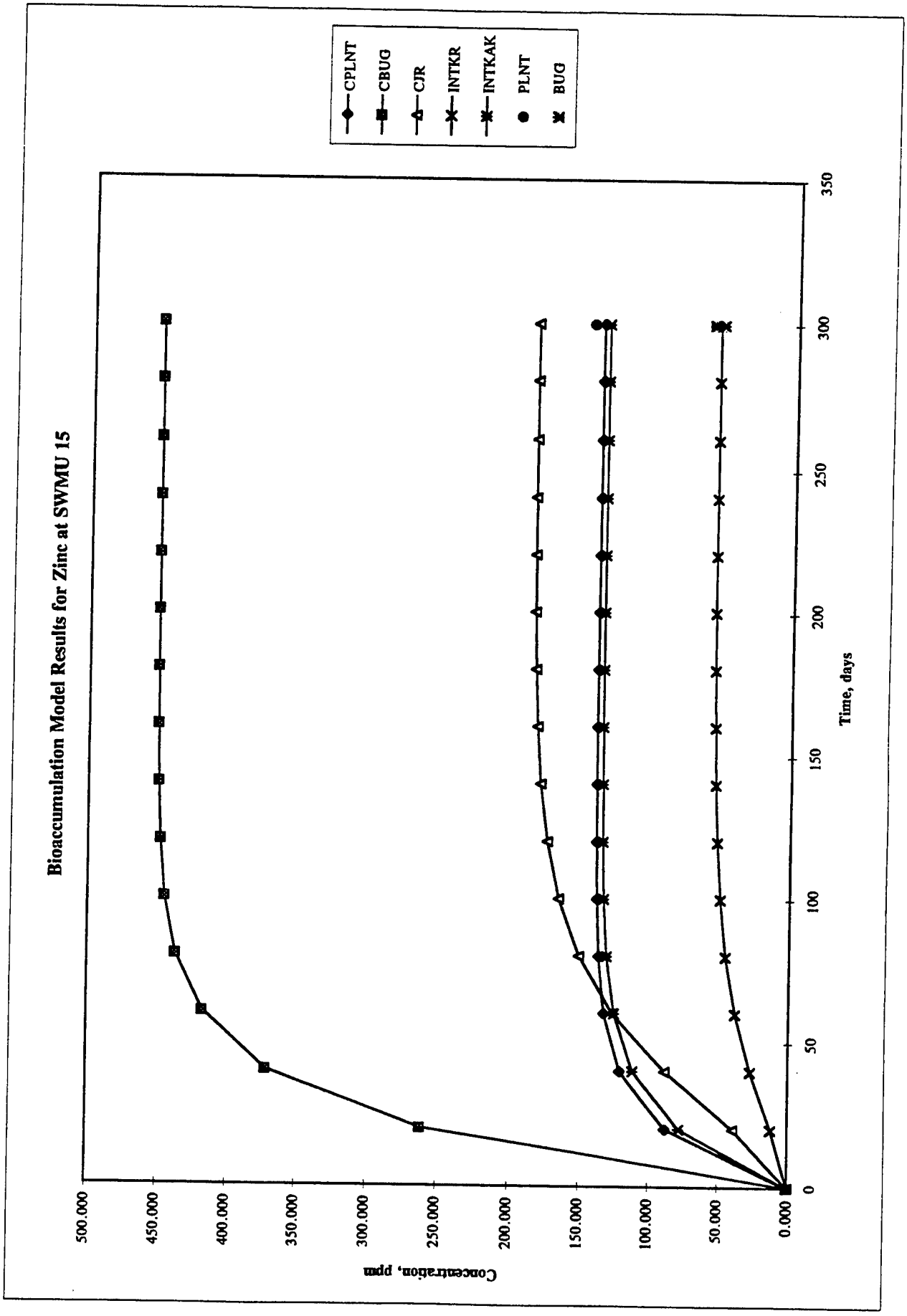

Bioaccumulation Model Results for Zinc at SWMU 1B
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
140.000
120.000
100.000
80.000
60.000
40.000
20.000
0.000
0
50
100
150
200
250
300
350
Time, days

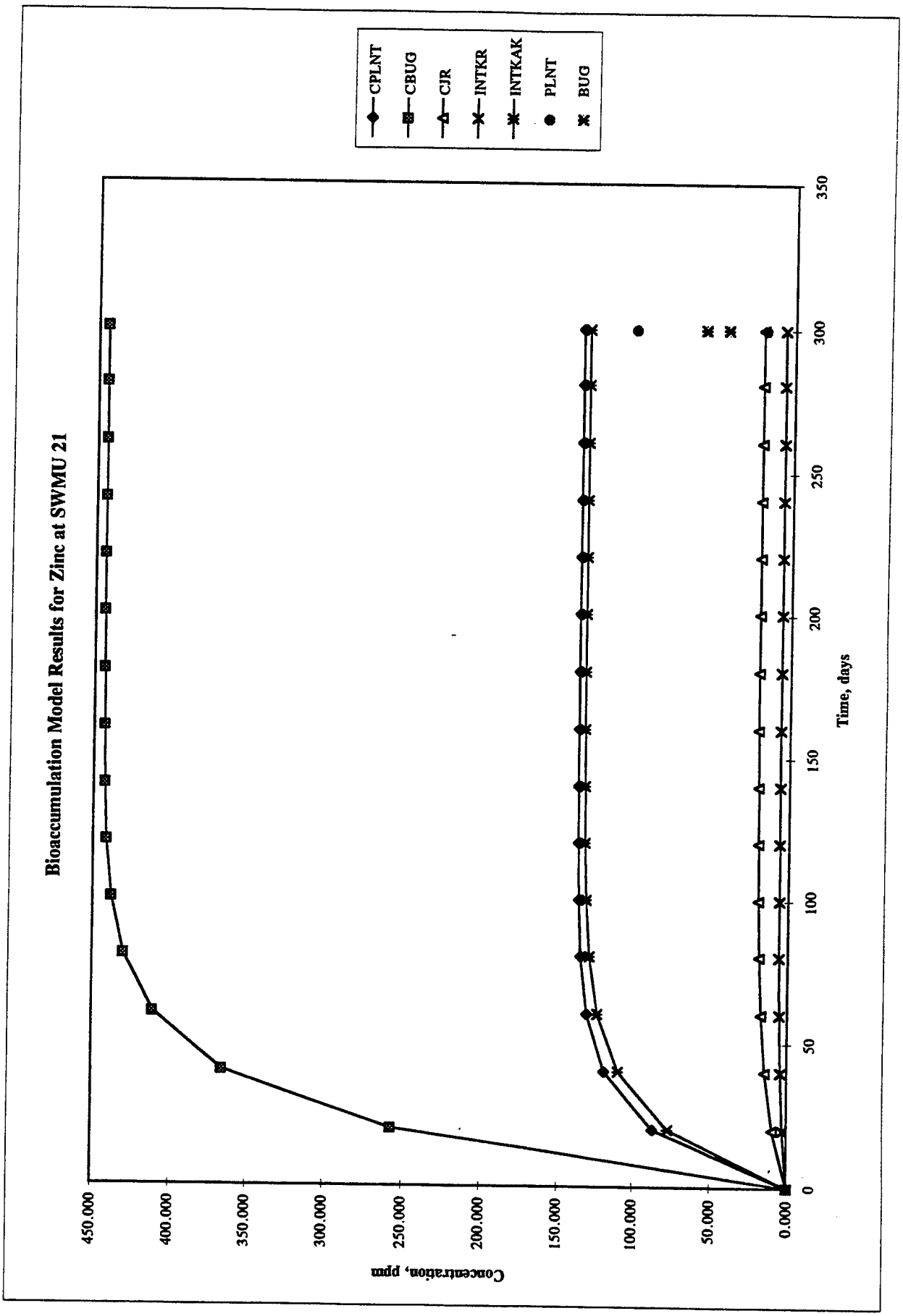

Bioaccumulation Model Results for Zinc at SWMU 1C
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
70.000
60.000
50.000
40.000
30.000
20.000
10.000
0.000
0
50
100
150
200
250
300
350
Time, days

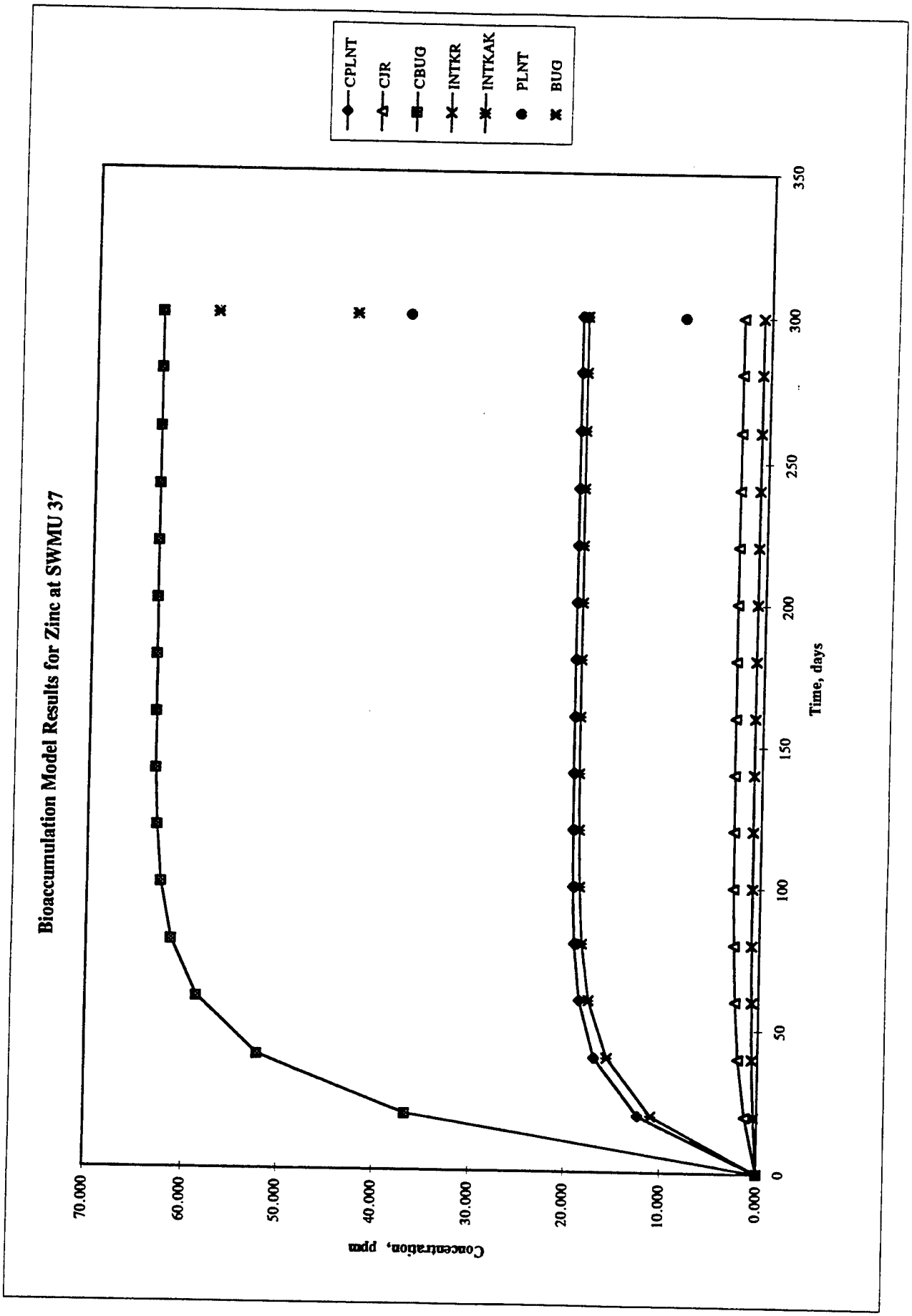

Bioaccumulation Model Results for Zinc at SWMU 10
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
60.000
50.000
40.000
30.000
20.000
10.000
0.000
0
50
100
150
200
250
300
350
Time, days

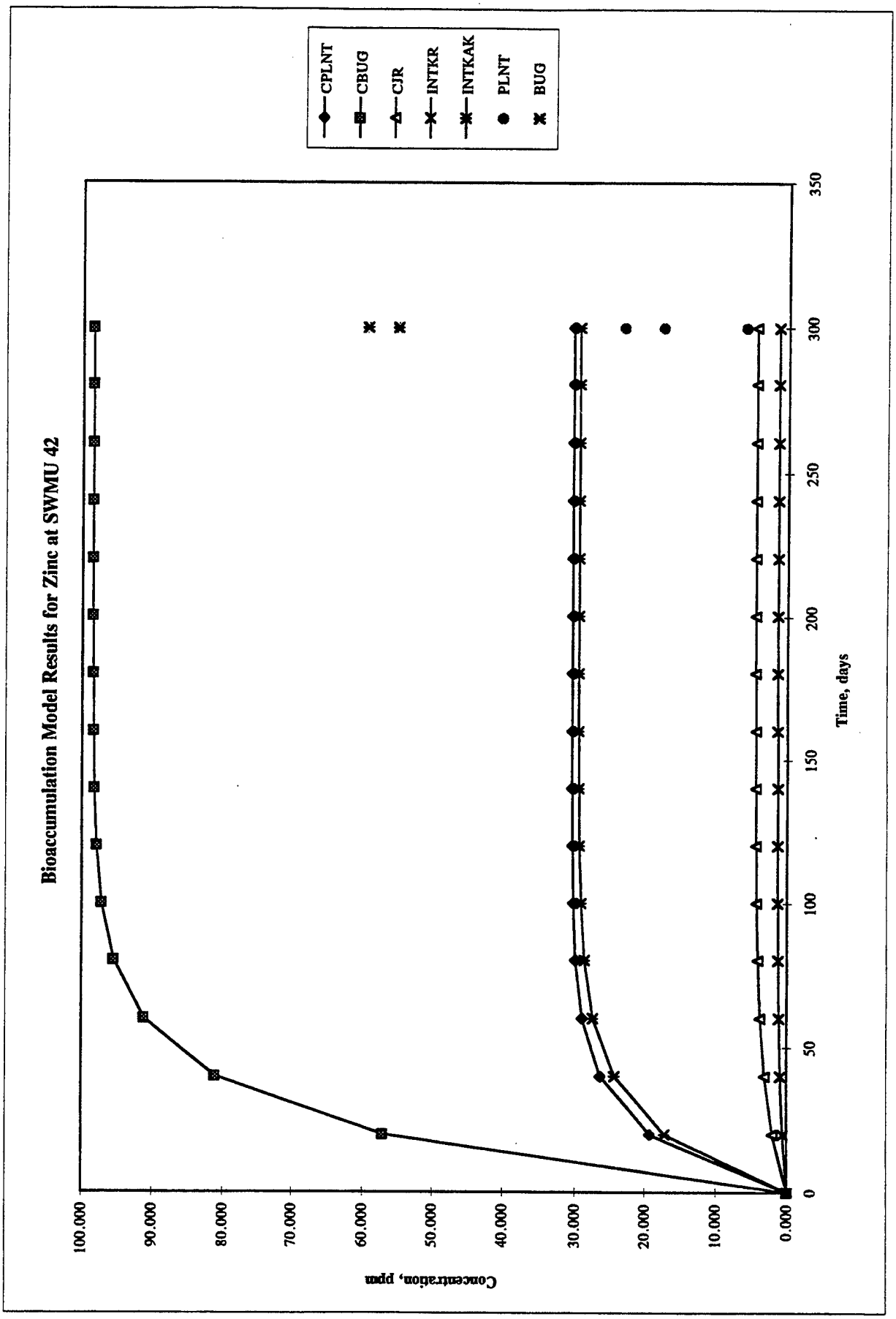

Bioaccumulation Model Results for Zinc at SWMU 11
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
1400.000
1200.000
1000.000
800.000
600.000
400.000
200.000
0.000
0
50
100
150
200
250
300
350
Time, days

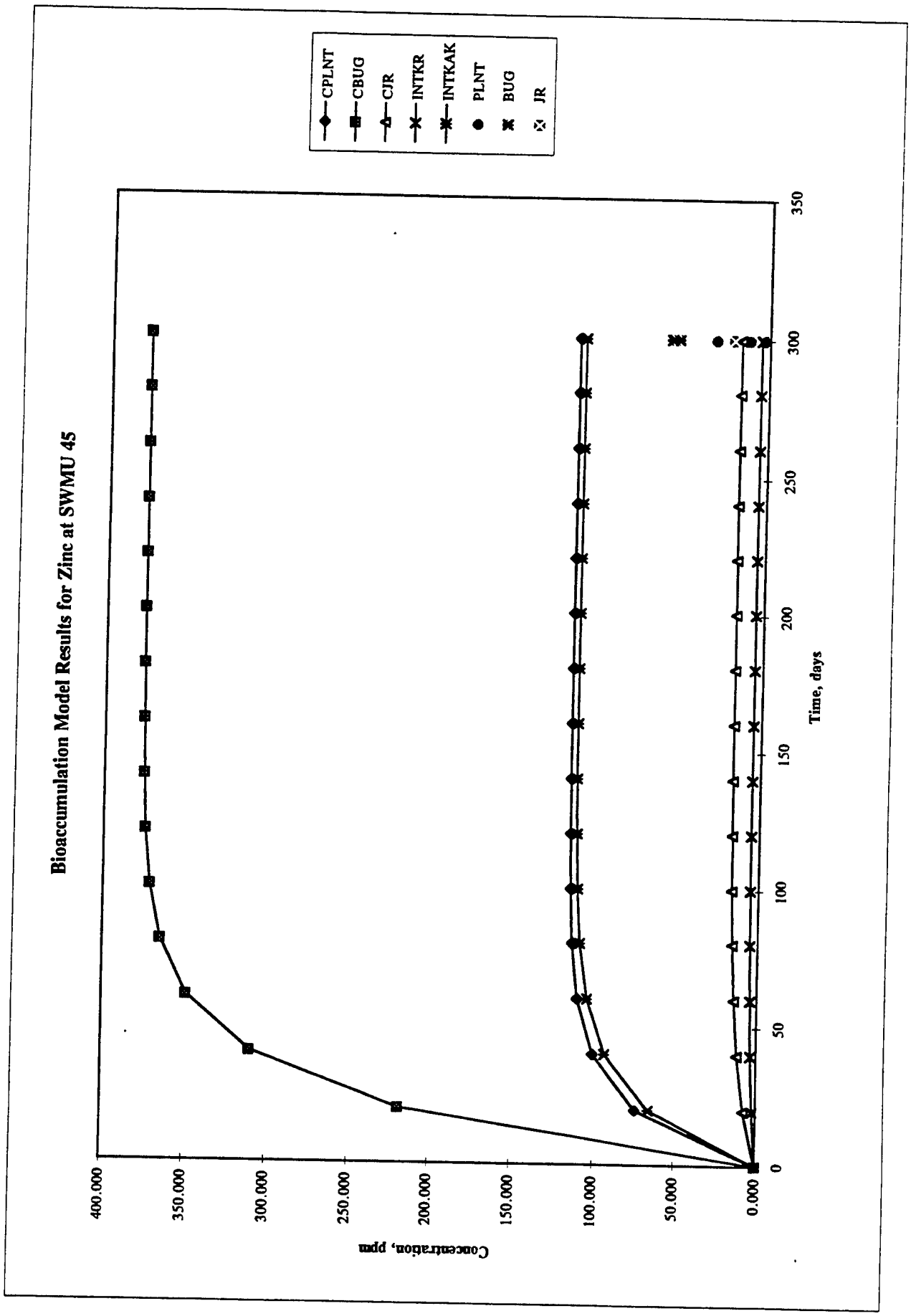

Bioaccumulation Model Results for Zinc at SWMU 12
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
90.000
80.000
70.000
60.000
50.000
40.000
30.000
20.000
10.000
0.000
0
50
100
150
200
250
300
350
Time, days

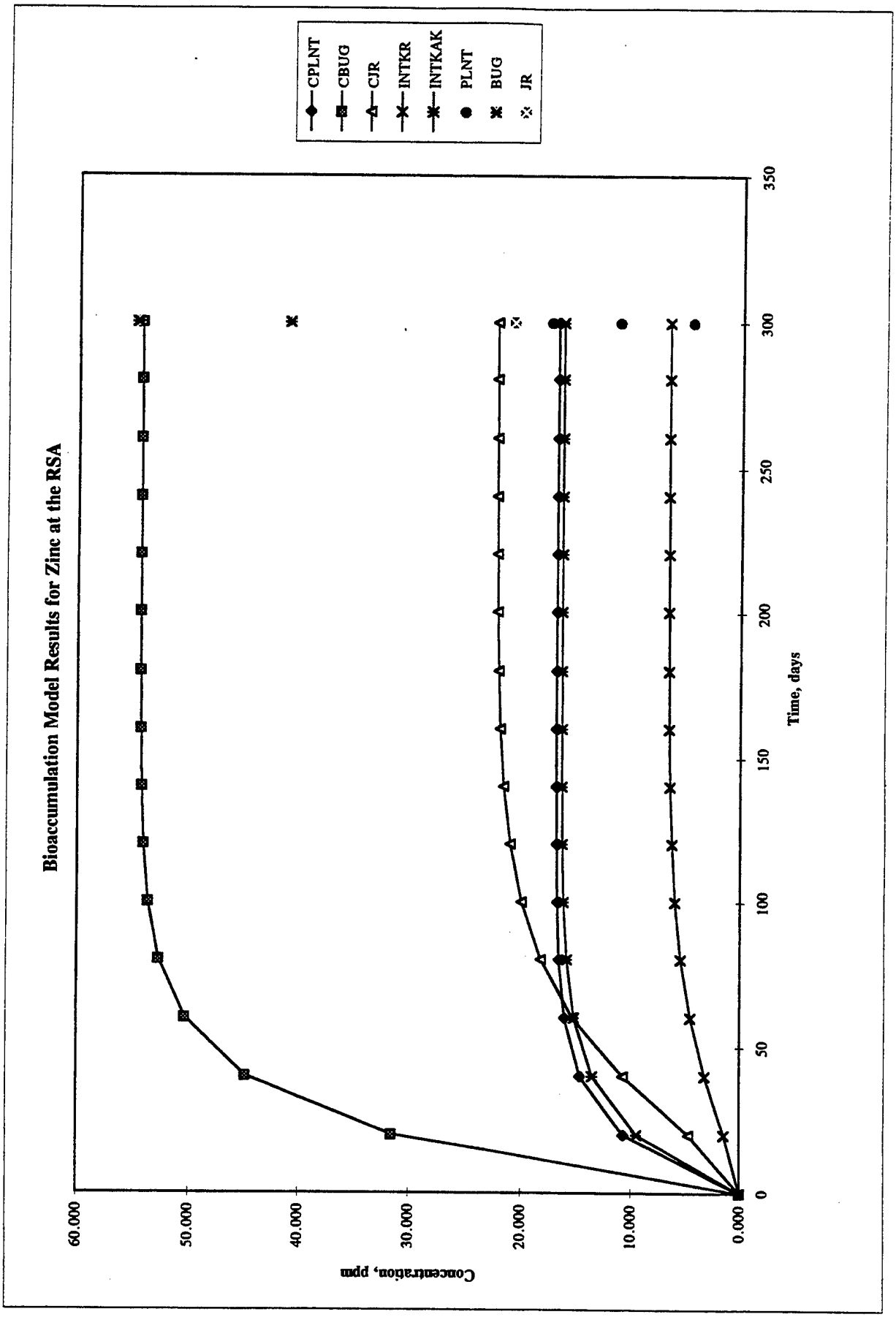

Bioaccumulation Model Results for Zinc at SWMU 15
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
500.000
450.000
400.000
350.000
300.000
250.000
200.000
150.000
100.000
50.000
0.000
0
50
100
150
200
250
300
350
Time, days

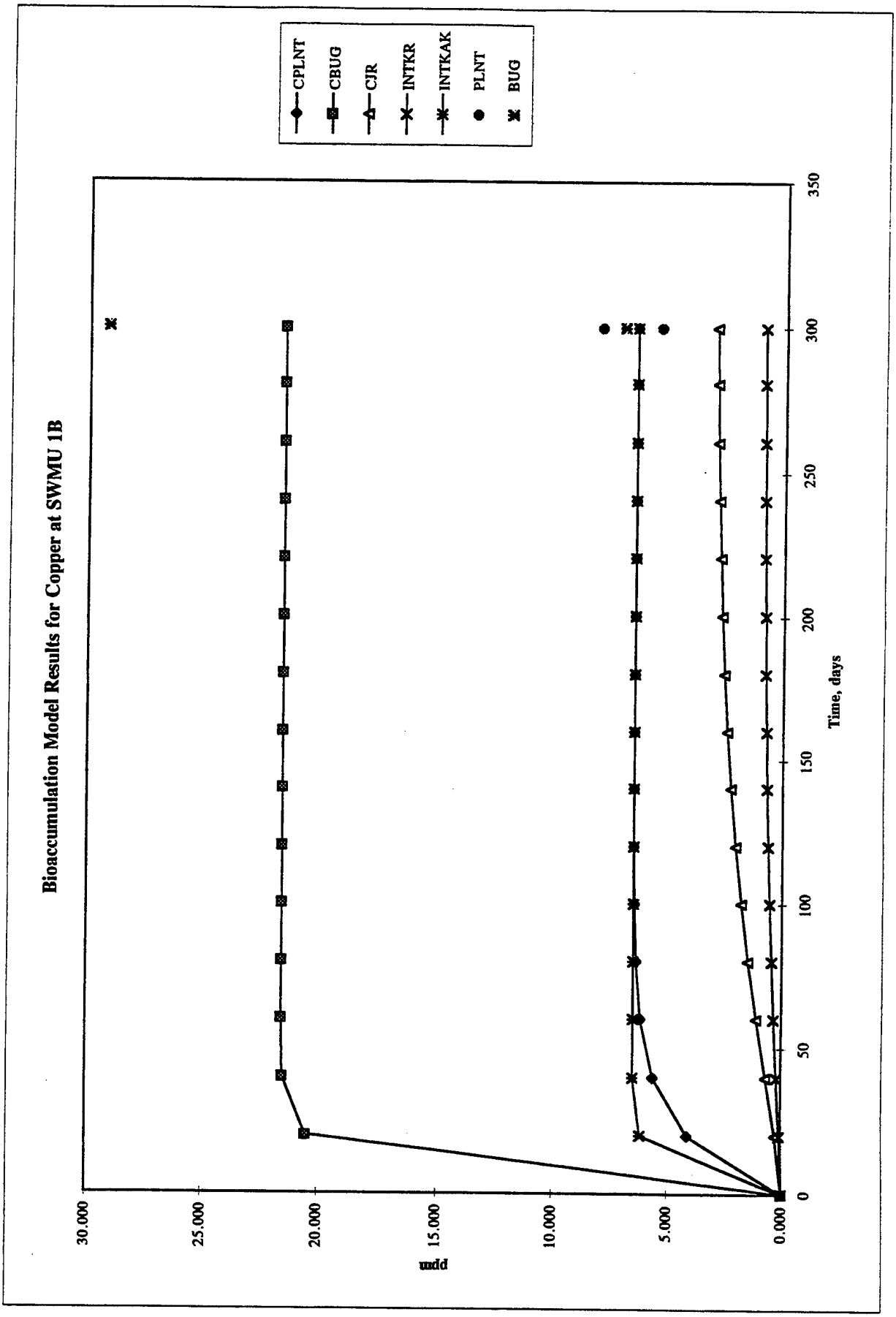

Bioaccumulation Model Results for Zinc at SWMU 21
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
450.000
400.000
350.000
300.000
250.000
200.000
150.000
100.000
50.000
0.000
0
50
100
150
200
250
300
350
Time, days

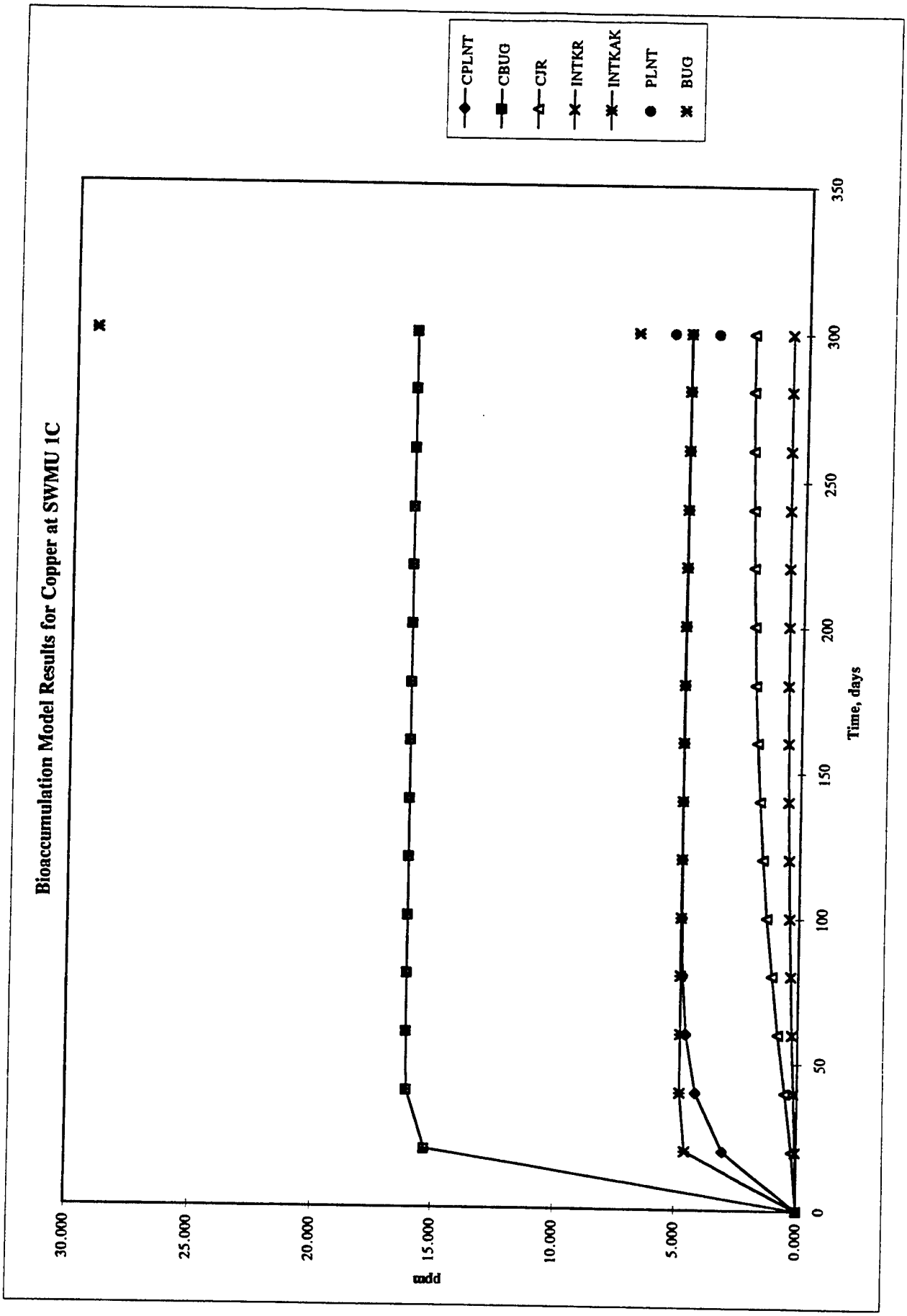

Bioaccumulation Model Results for Zinc at SWMU 37
CPLNT
CJR
CBUG
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
70.000
60.000
50.000
40.000
30.000
20.000
10.000
0.000
0
50
100
150
200
250
300
350
Time, days

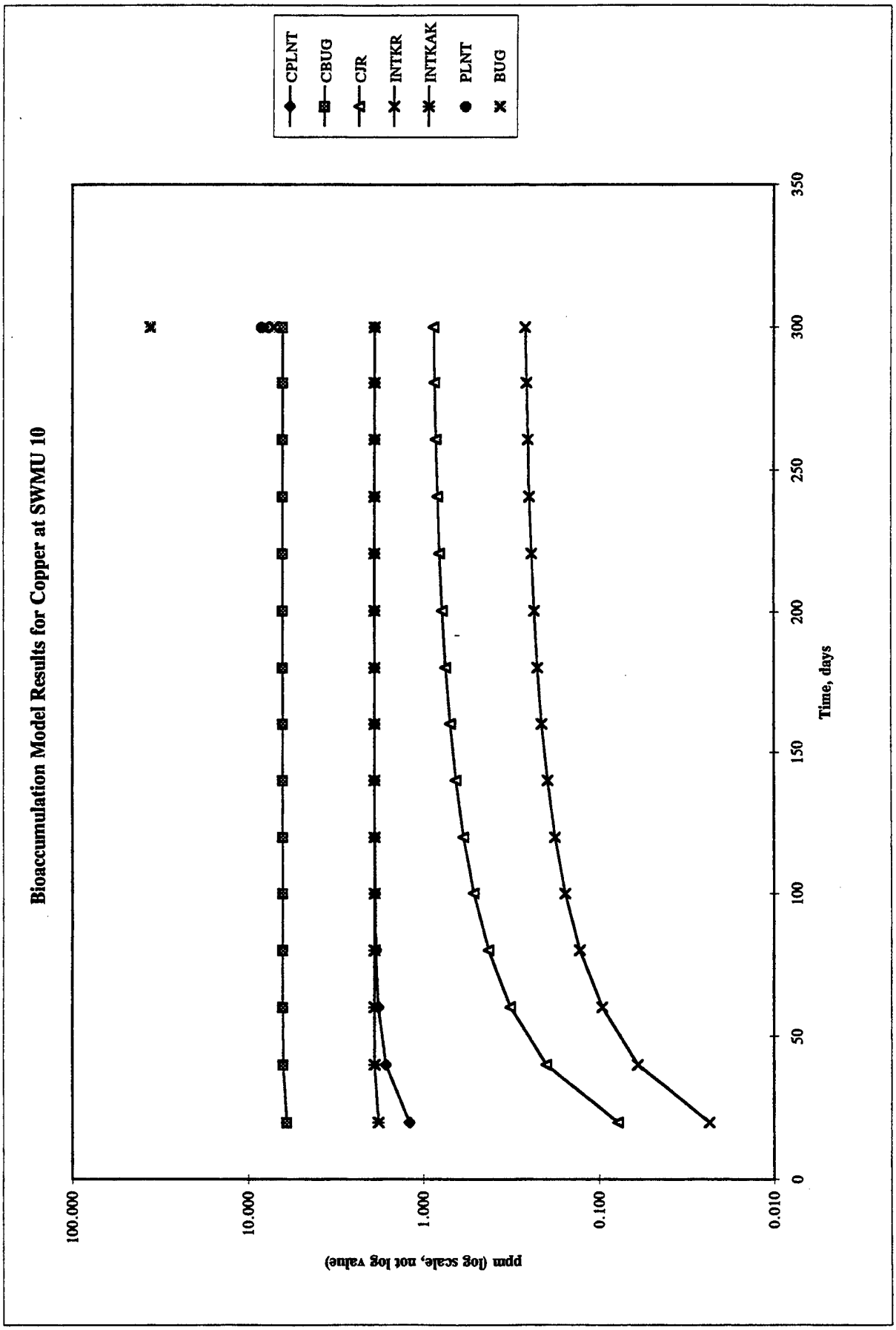

Bioaccumulation Model Results for Zinc at SWMU 42
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
100.000
90.000
80.000
70.000
60.000
50.000
40.000
30.000
20.000
10.000
0.000
0
50
100
150
200
250
300
350
Time, days

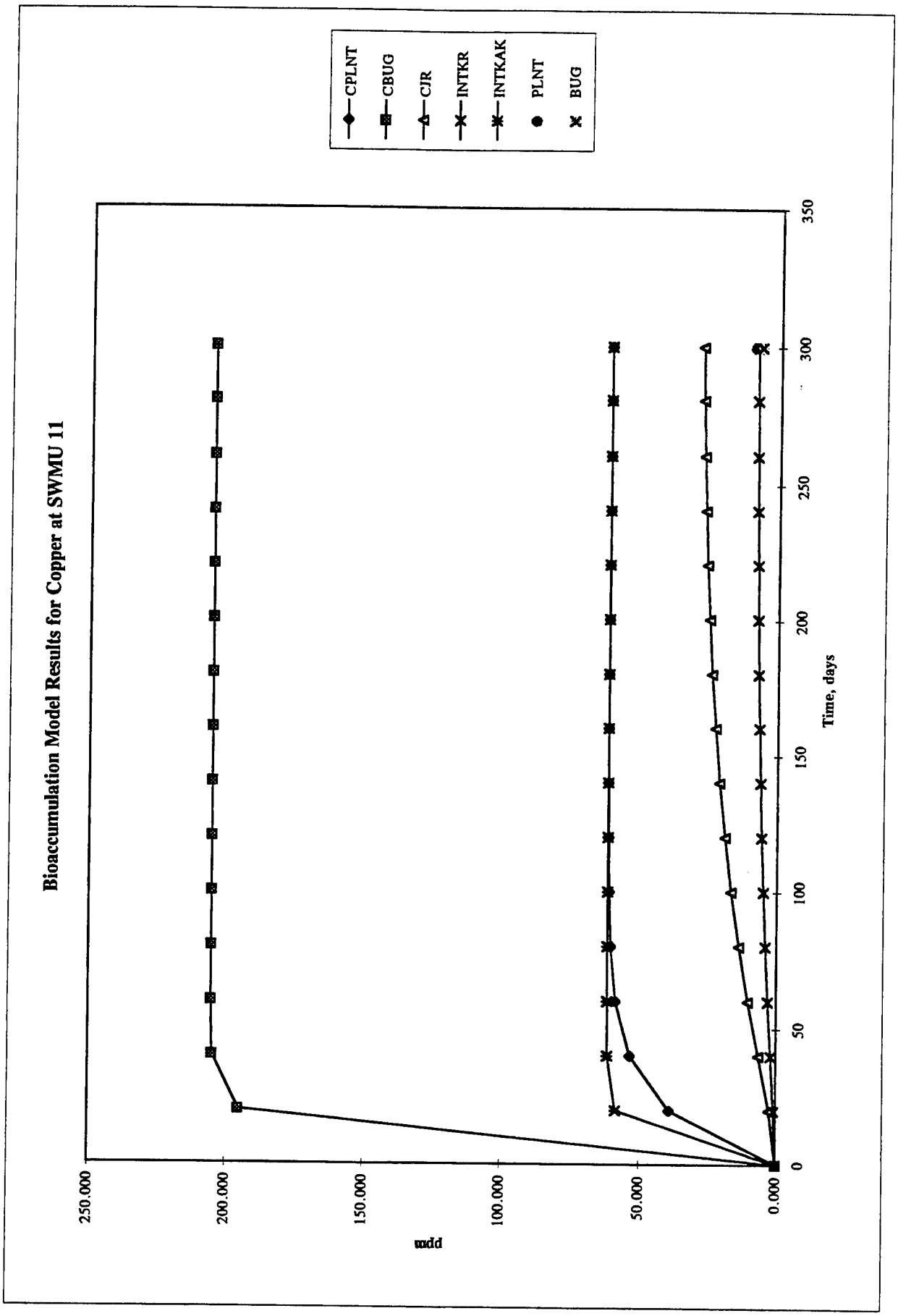

Bioaccumulation Model Results for Zinc at SWMU 45
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
Concentration, ppm
400.000
350.000
300.000
250.000
200.000
150.000
100.000
50.000
0.000
0
50
100
150
200
250
300
350
Time, days

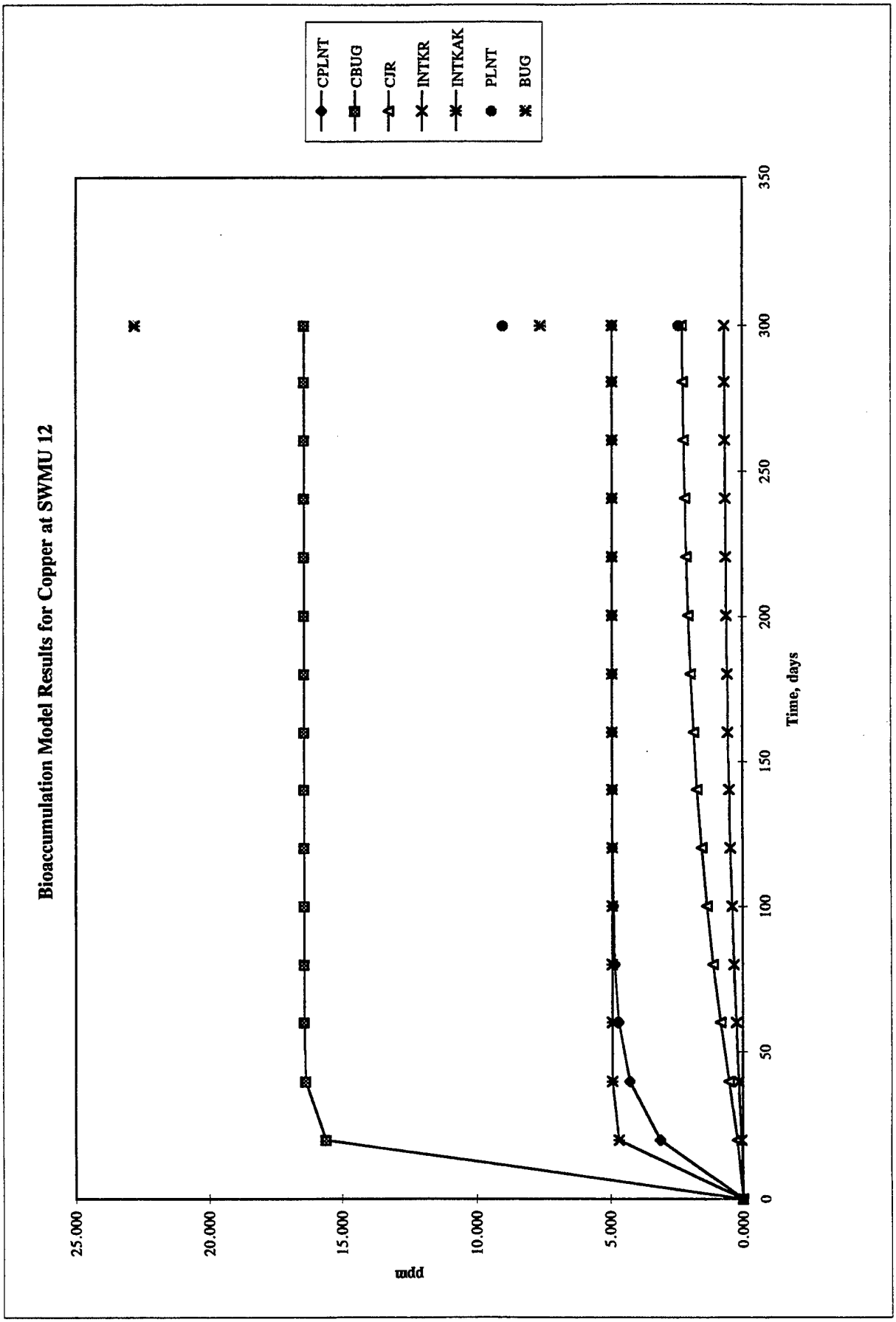

Bioaccumulation Model Results for Zinc at the RSA
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
Concentration, ppm
60.000
50.000
40.000
30.000
20.000
10.000
0.000
0
50
100
150
200
250
300
350
Time, days

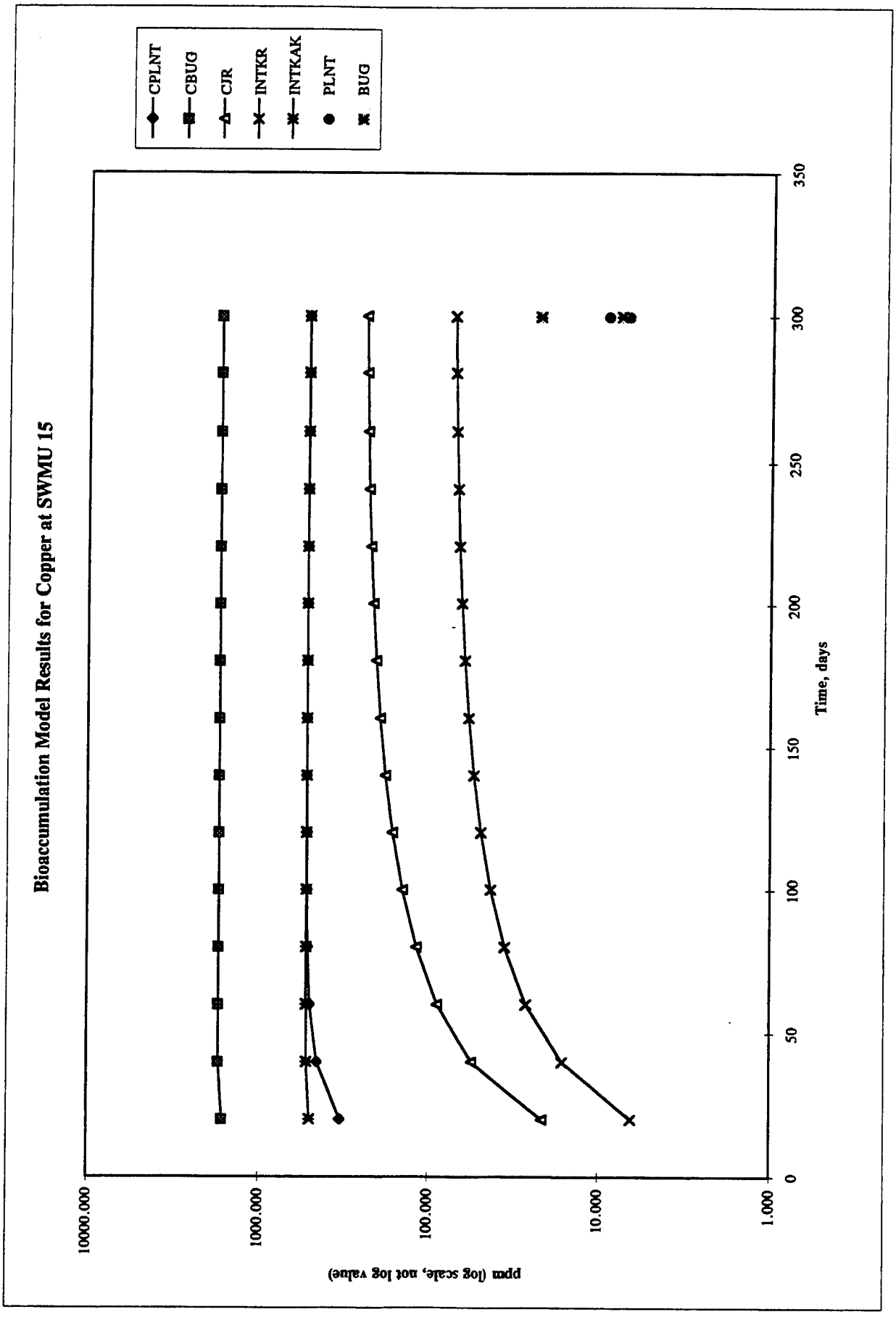

Bioaccumulation Model Results for Copper at SWMU 1B
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm
30.000
25.000
20.000
15.000
10.000
5.000
0.000
0
50
100
150
200
250
300
350
Time, days

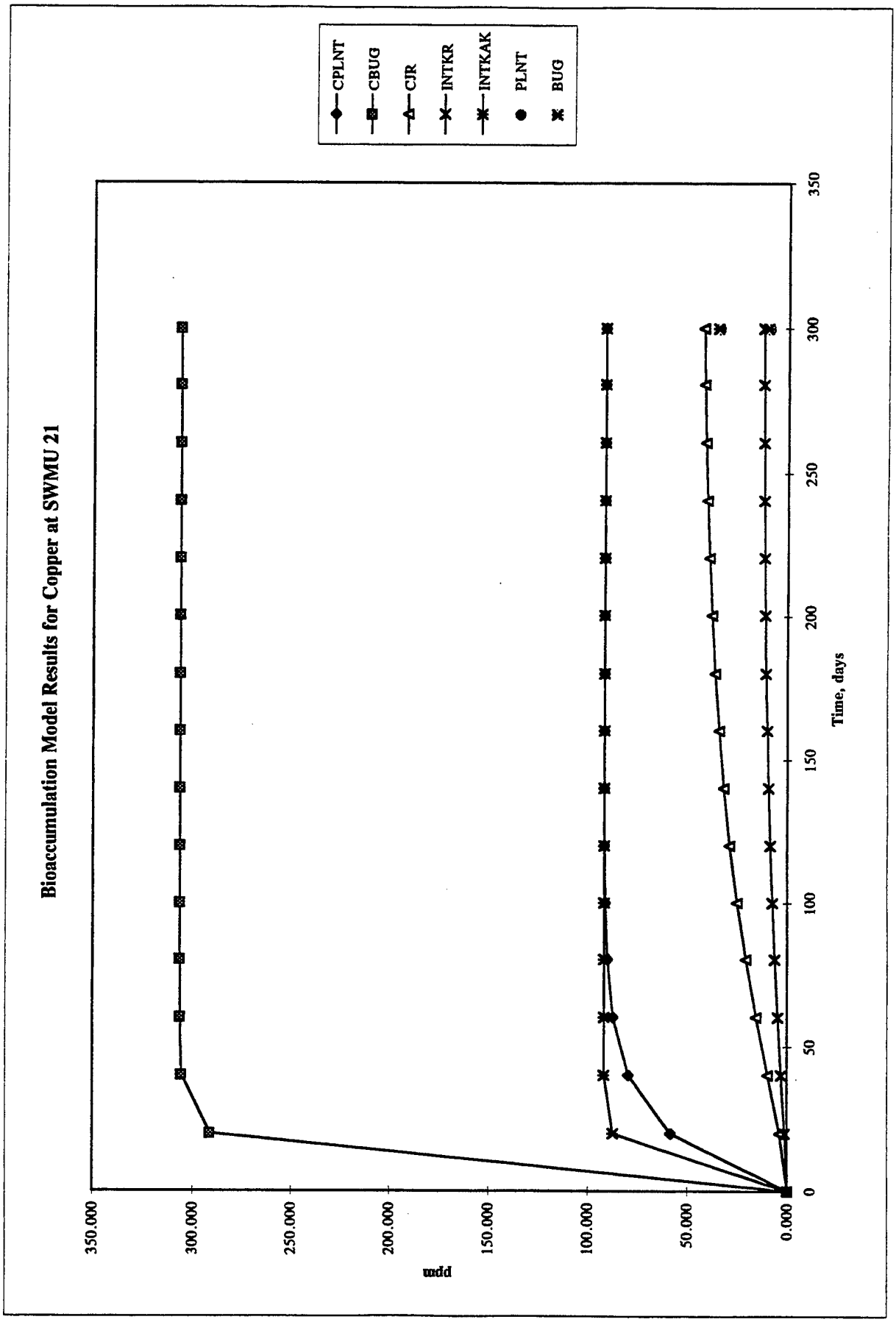

Bioaccumulation Model Results for Copper at SWMU 1C
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm
30.000
25.000
20.000
15.000
10.000
5.000
0.000
0
50
100
150
200
250
300
350
Time, days

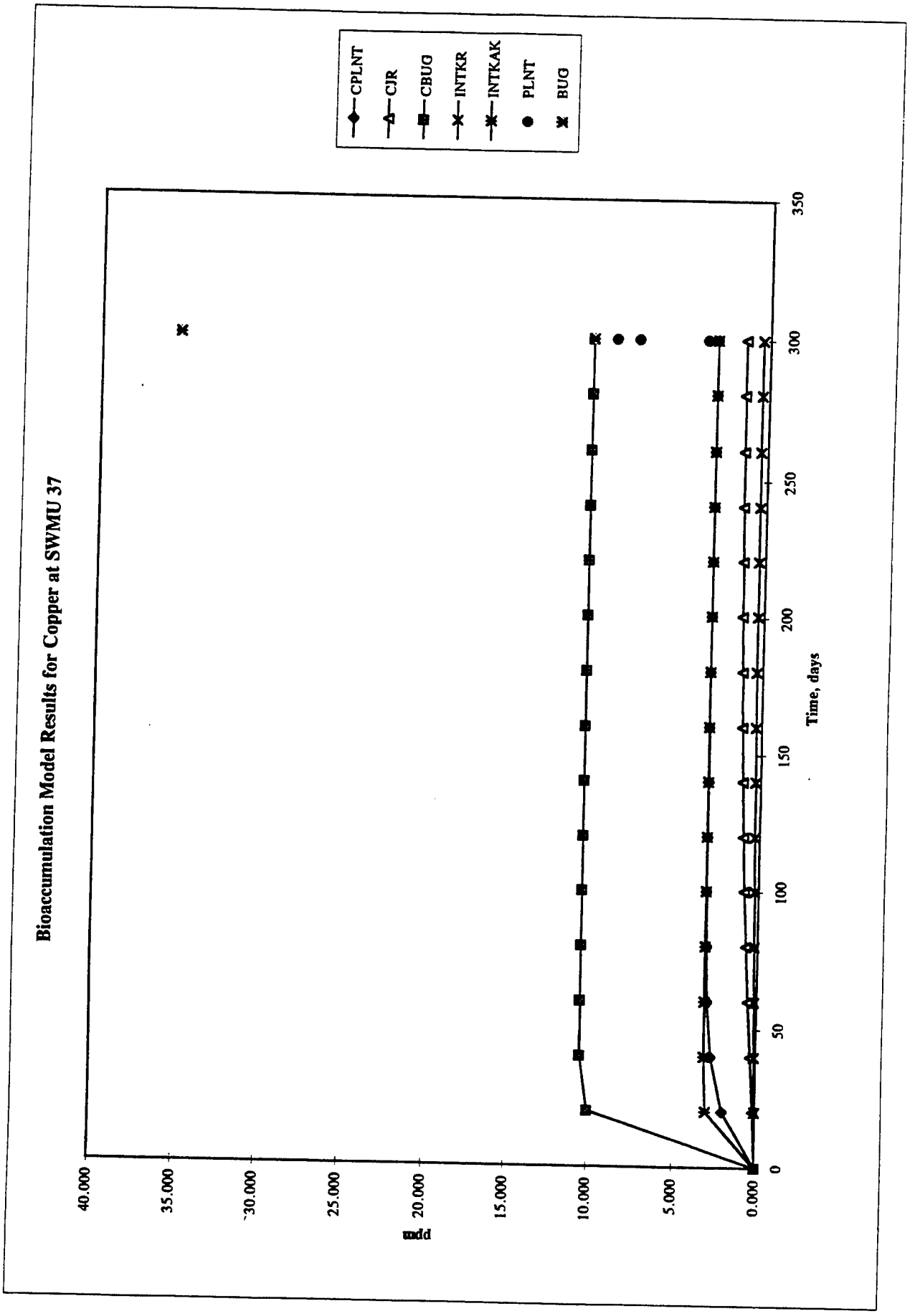

Bioaccumulation Model Results for Copper at SWMU 10
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
100.000
10.000
1.000
0.100
0.010
0
50
100
150
200
250
300
350
Time, days

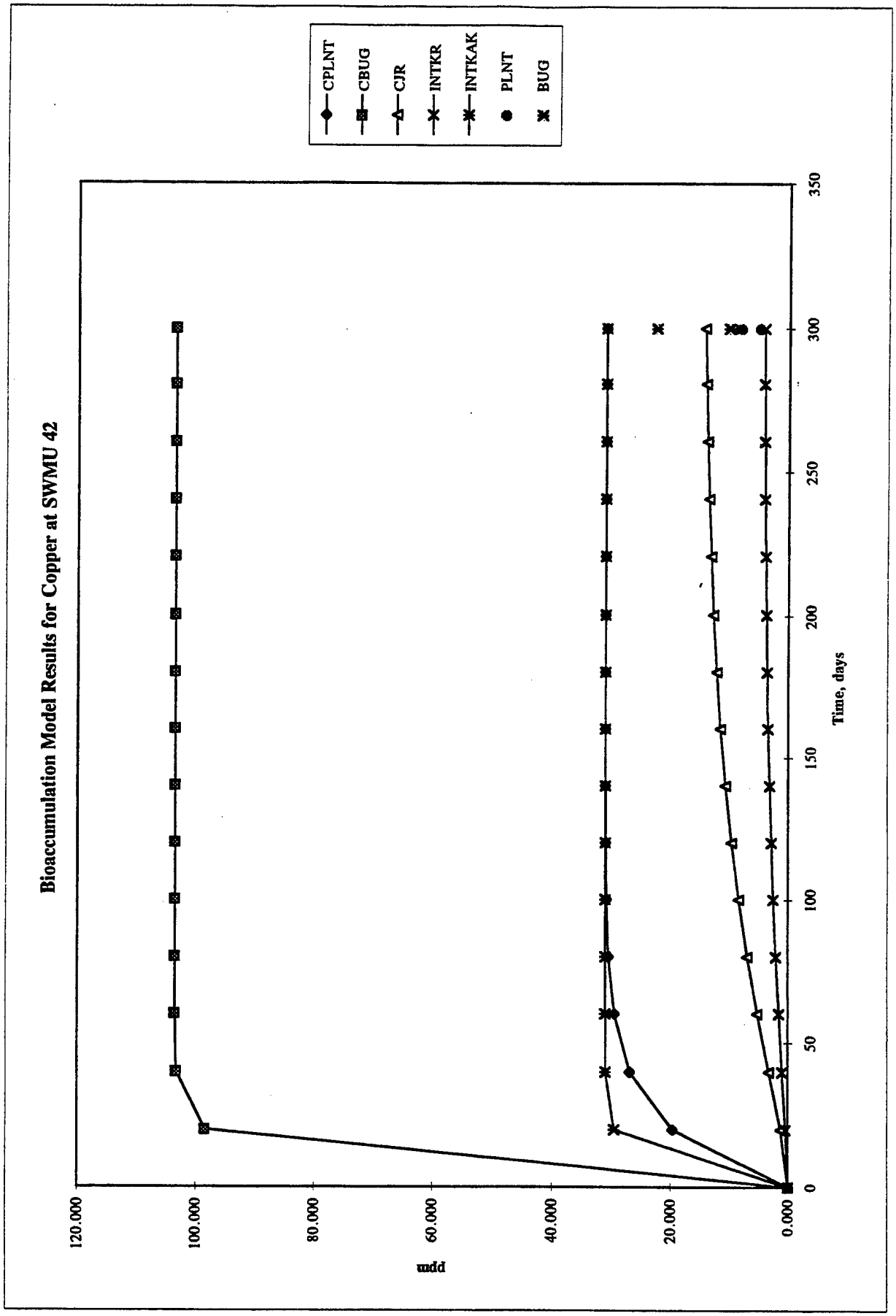

Bioaccumulation Model Results for Copper at SWMU 11
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm
250.000
200.000
150.000
100.000
50.000
0.000
0
50
100
150
200
250
300
350
Time, days

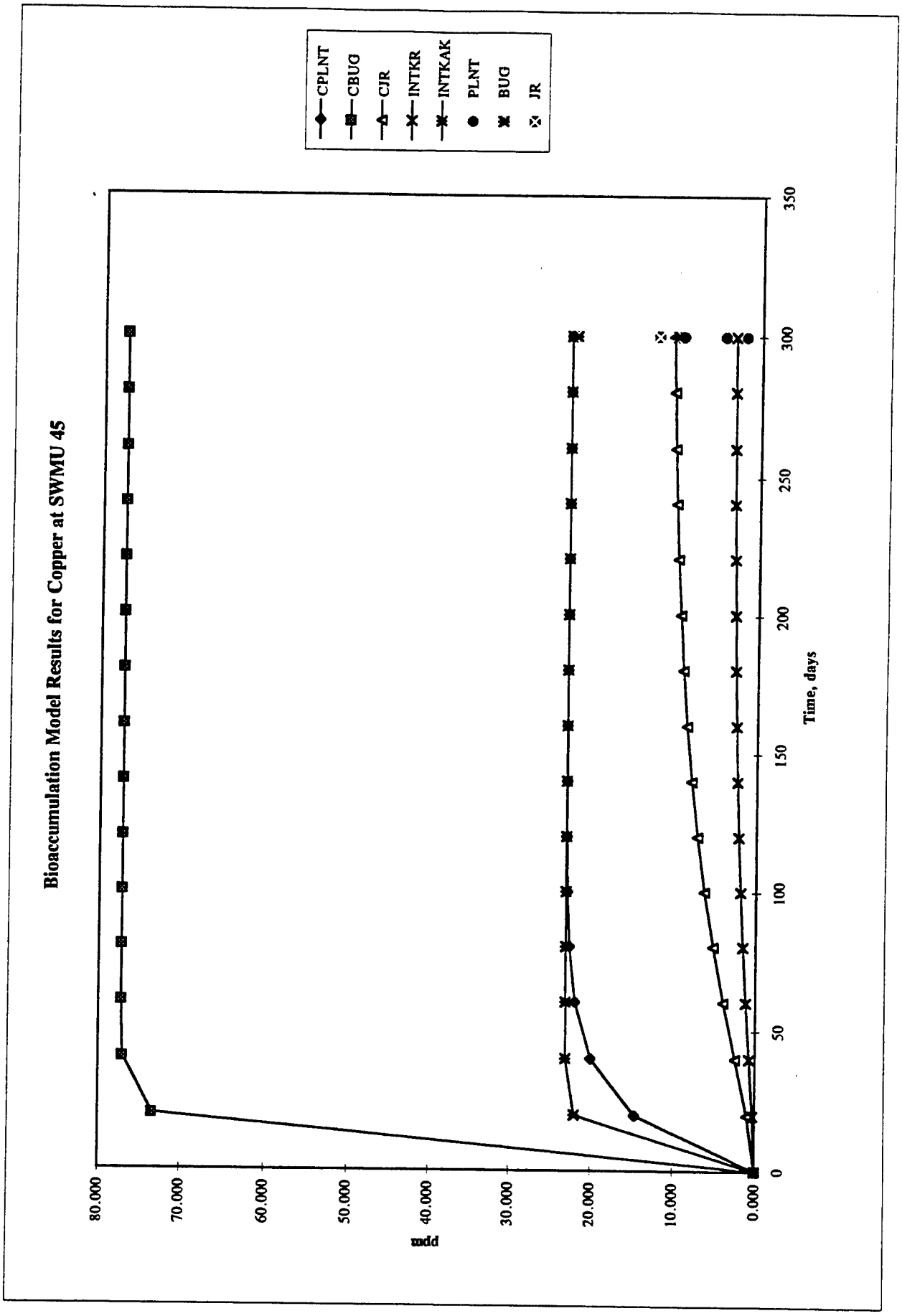

Bioaccumulation Model Results for Copper at SWMU 12
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm
25.000
20.000
15.000
10.000
5.000
0.000
0
50
100
150
200
250
300
350
Time, days

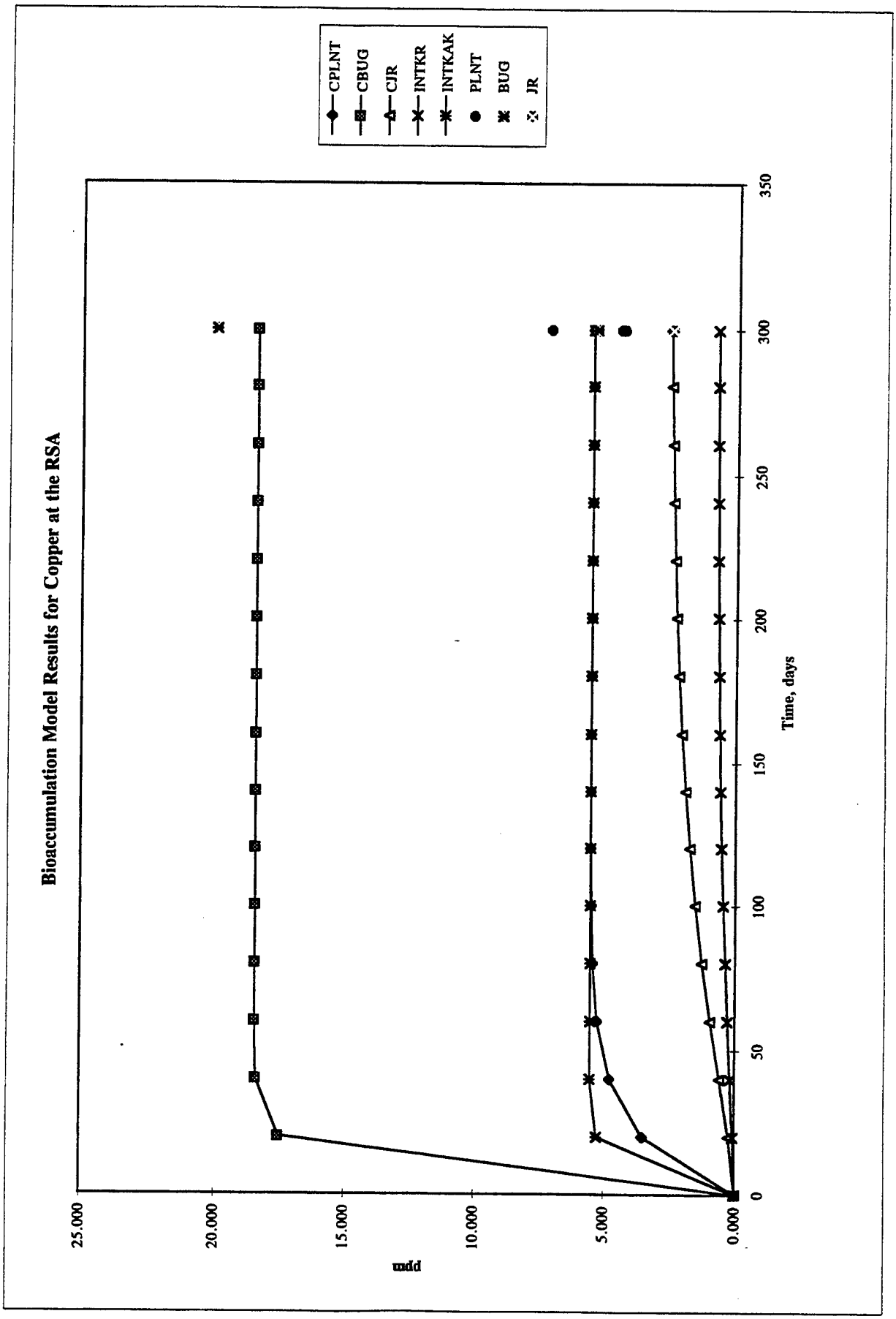

Bioaccumulation Model Results for Copper at SWMU 15
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
10000.000
1000.000
100.000
10.000
1.000
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

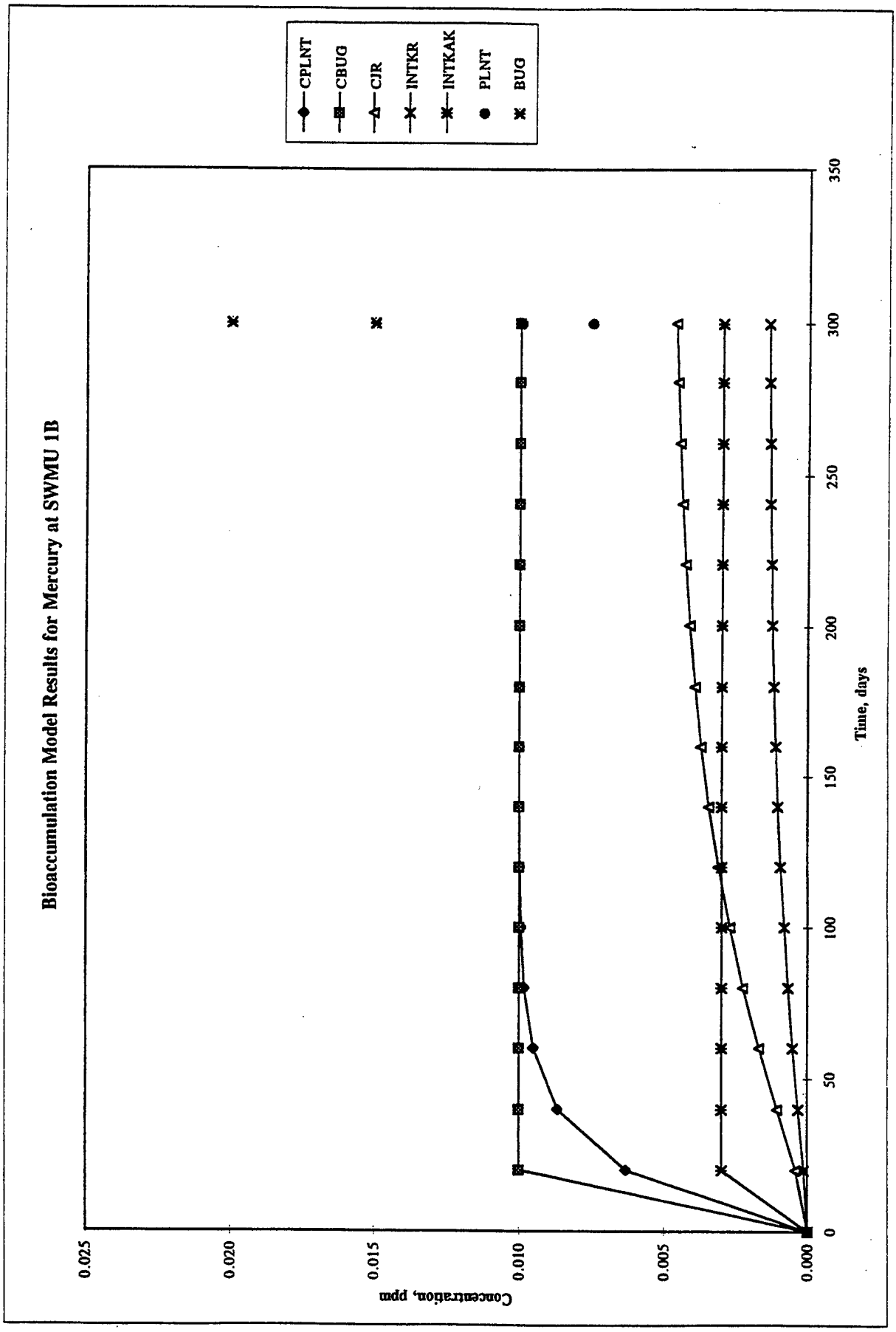

Bioaccumulation Model Results for Copper at SWMU 21
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm
350.000
300.000
250.000
200.000
150.000
100.000
50.000
0.000
0
50
100
150
200
250
300
350
Time, days

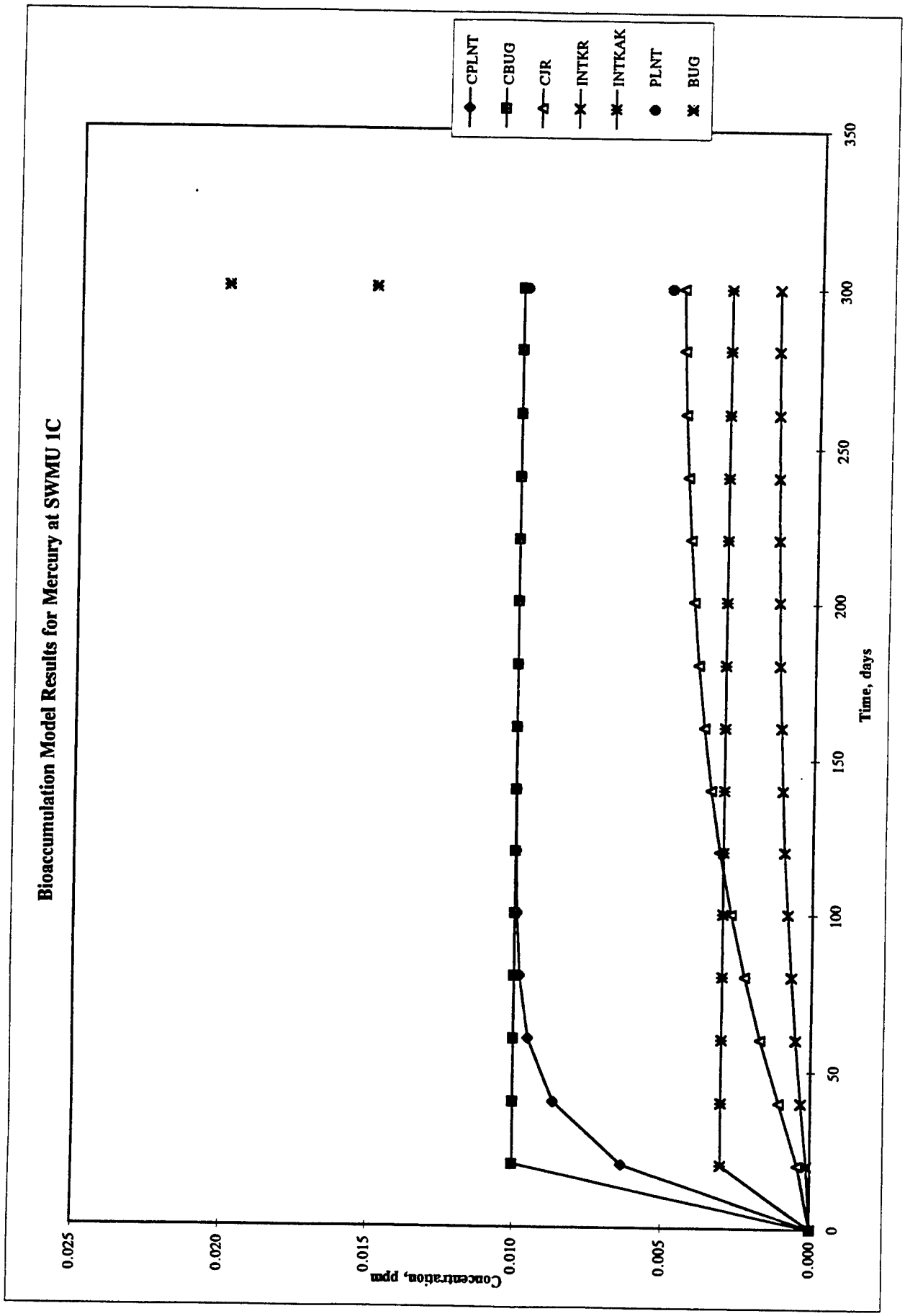

Bioaccumulation Model Results for Copper at SWMU 37
CPLNT
CJR
CBUG
INTKR
INTKAK
PLNT
BUG
ppm
Time, days
40.000
35.000
30.000
25.000
20.000
15.000
10.000
5.000
0.000
0
50
100
150
200
250
300
350

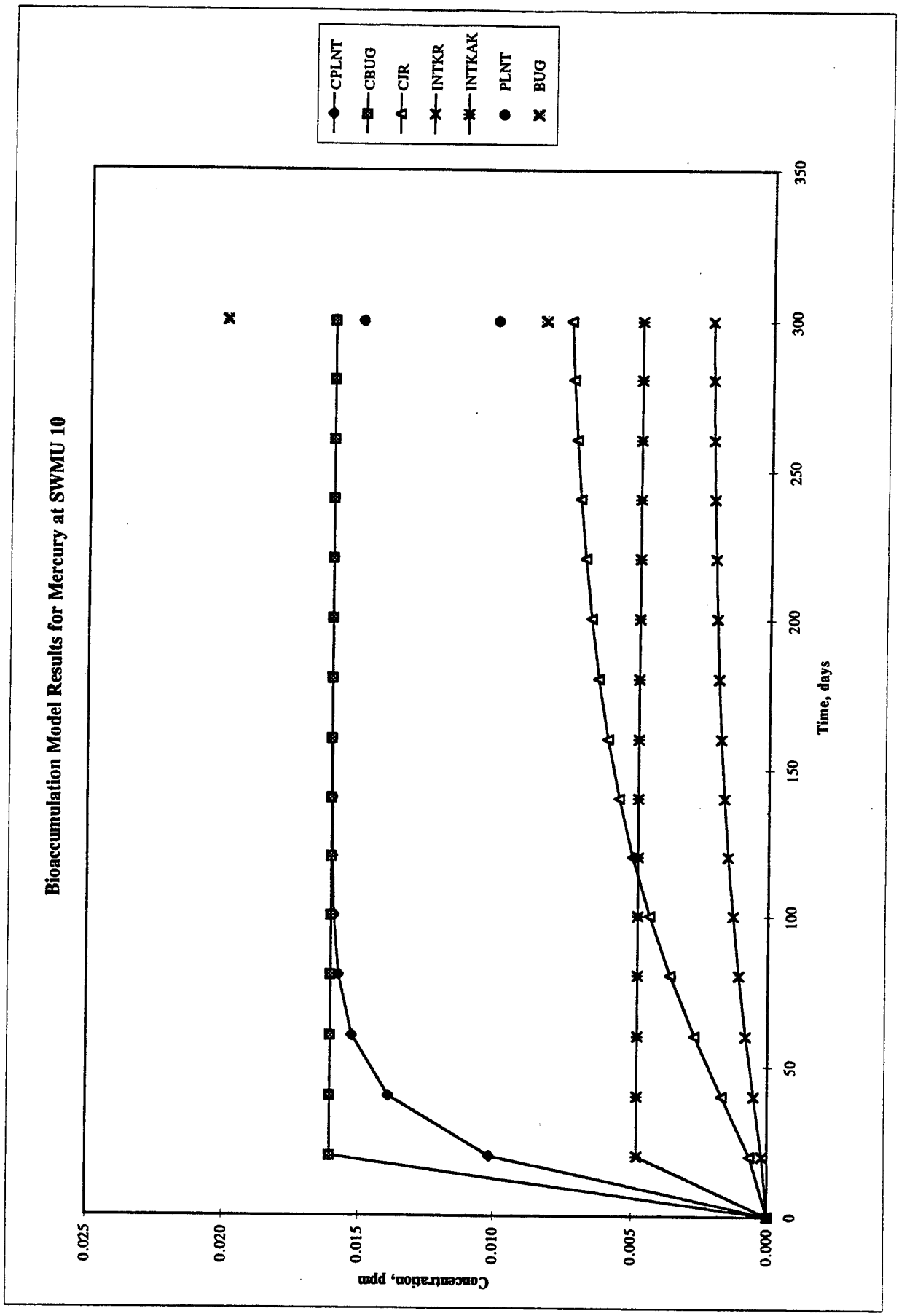

Bioaccumulation Model Results for Copper at SWMU 42
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm
120.000
100.000
80.000
60.000
40.000
20.000
0.000
0
50
100
150
200
250
300
350
Time, days

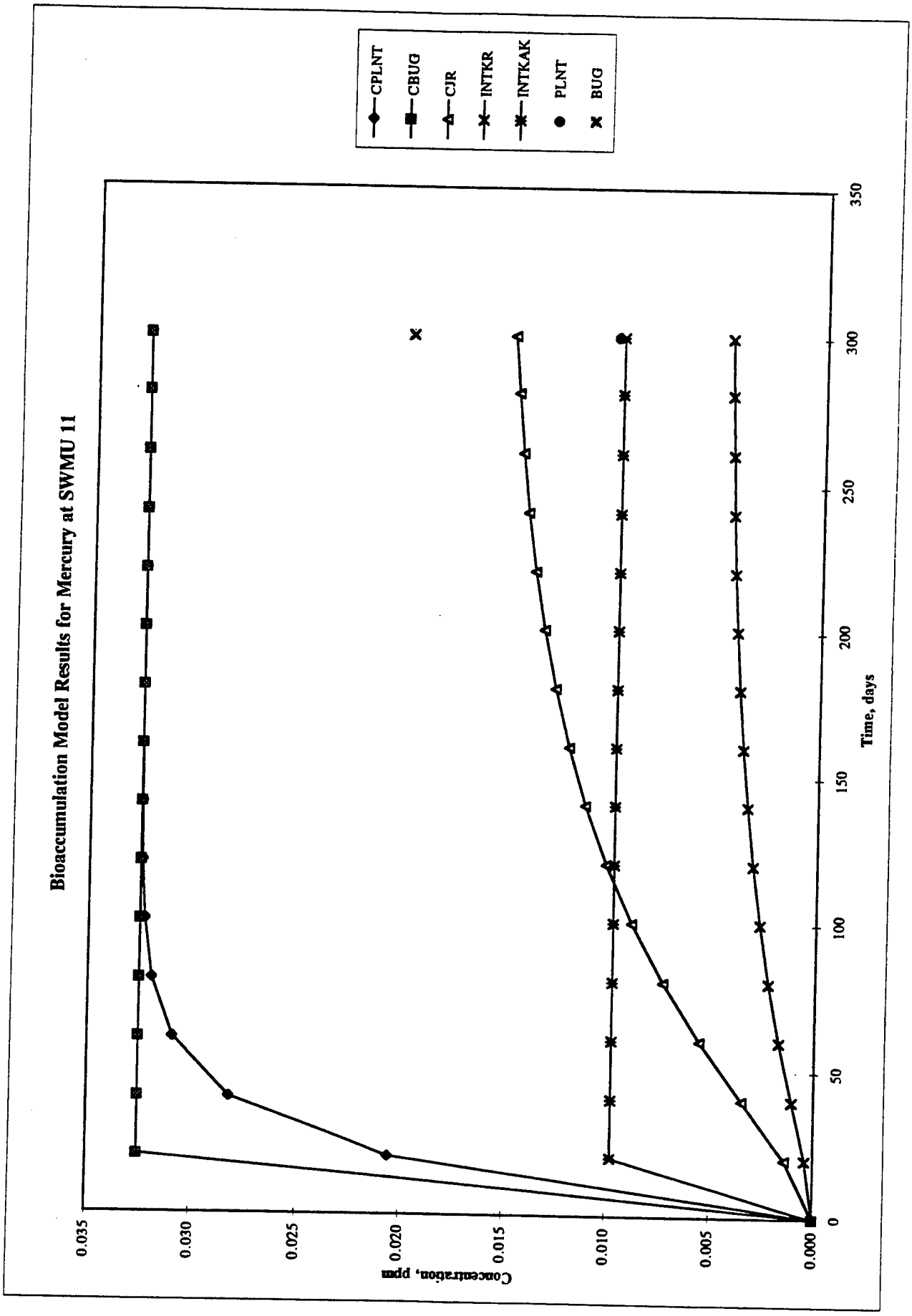

Bioaccumulation Model Results for Copper at SWMU 45
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
ppm
80.000
70.000
60.000
50.000
40.000
30.000
20.000
10.000
0.000
0
50
100
150
200
250
300
350
Time, days

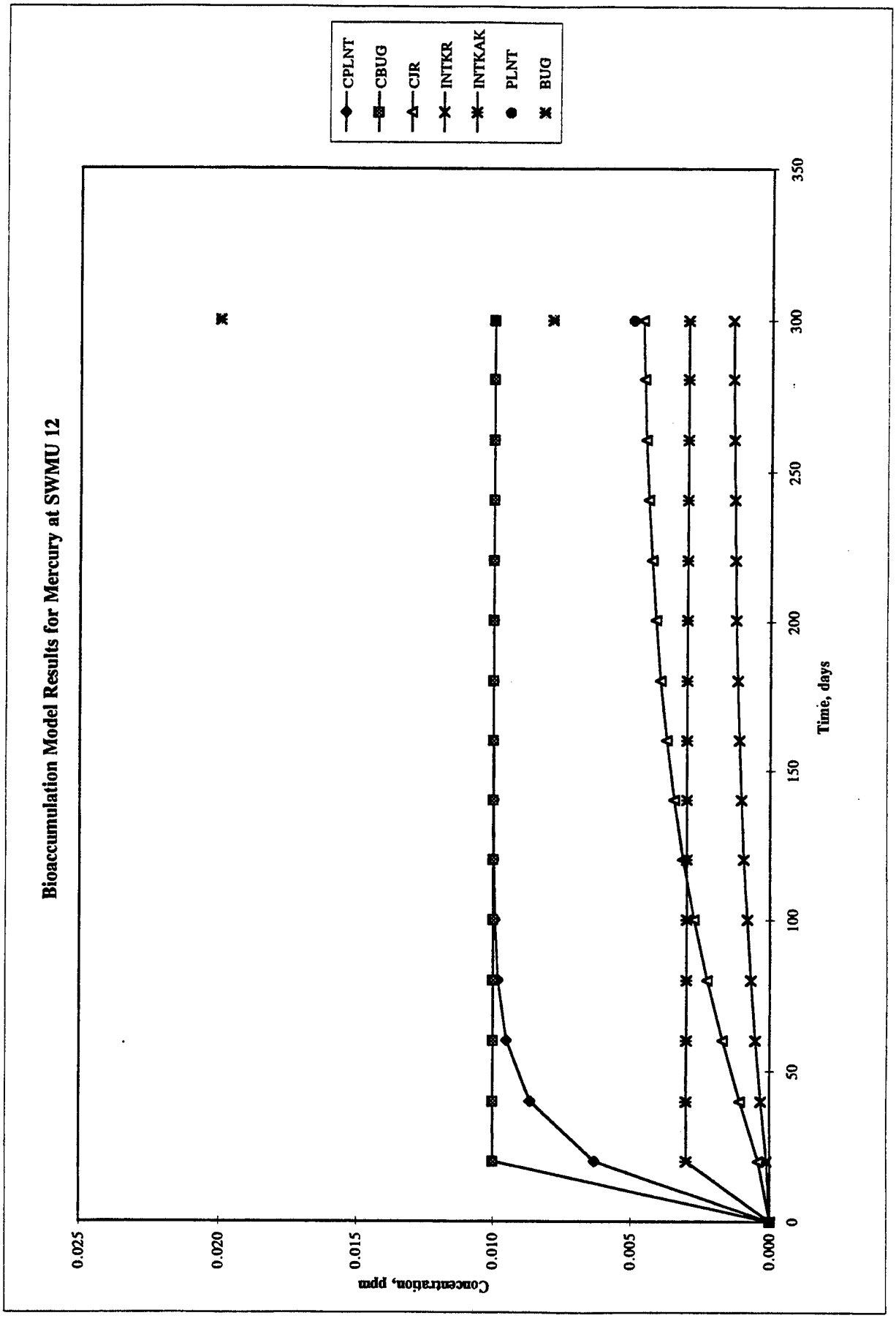

Bioaccumulation Model Results for Copper at the RSA
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
ppm
25.000
20.000
15.000
10.000
5.000
0.000
0
50
100
150
200
250
300
350
Time, days

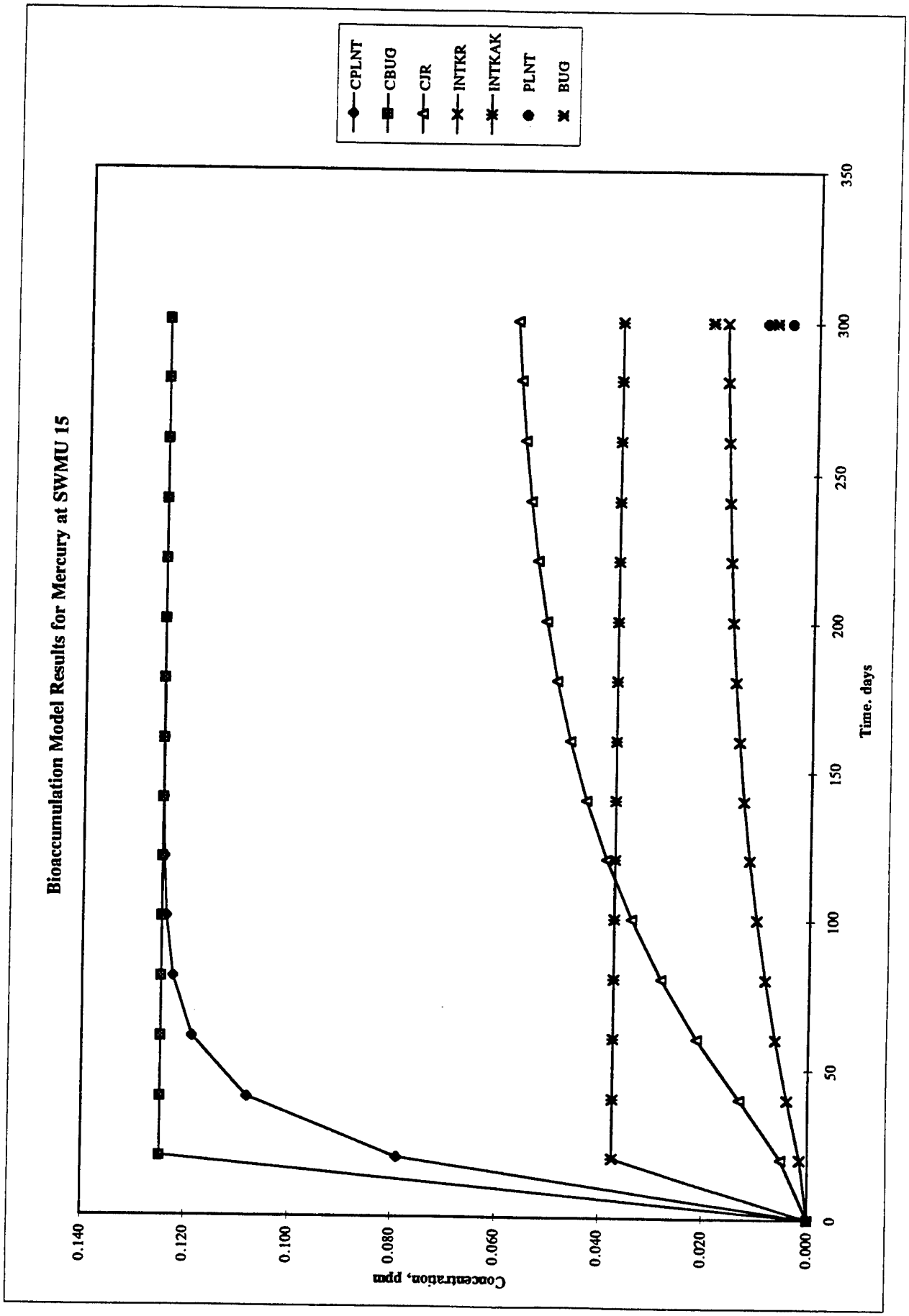

Bioaccumulation Model Results for Mercury at SWMU 1B
CPLNT
CBUG
CIR
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
0.025
0.020
0.015
0.010
0.005
0.000
0
50
100
150
200
250
300
350
Time, days

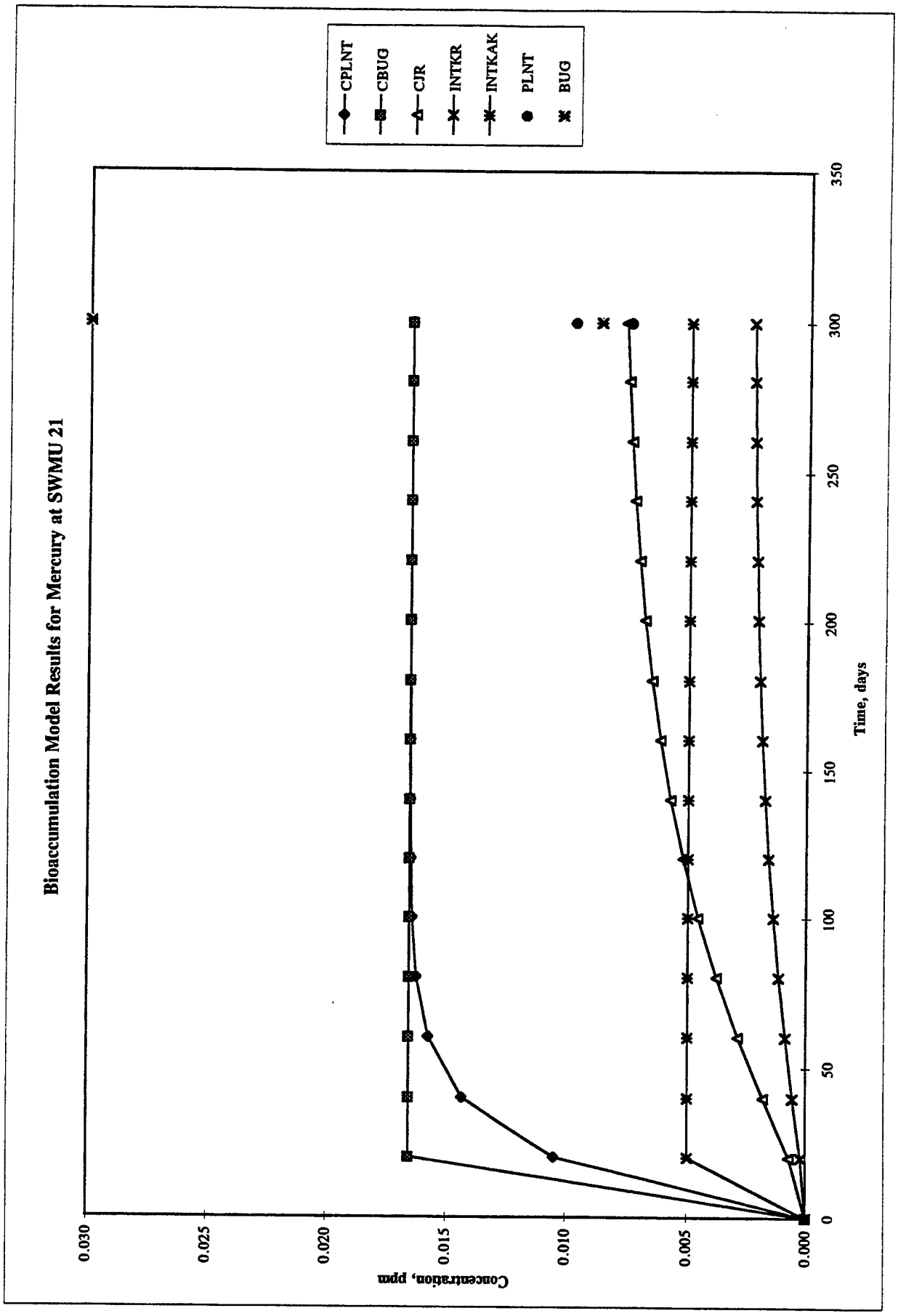

Bioaccumulation Model Results for Mercury at SWMU 1C
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
0.025
0.020
0.015
0.010
0.005
0.000
0
50
100
150
200
250
300
350
Time, days

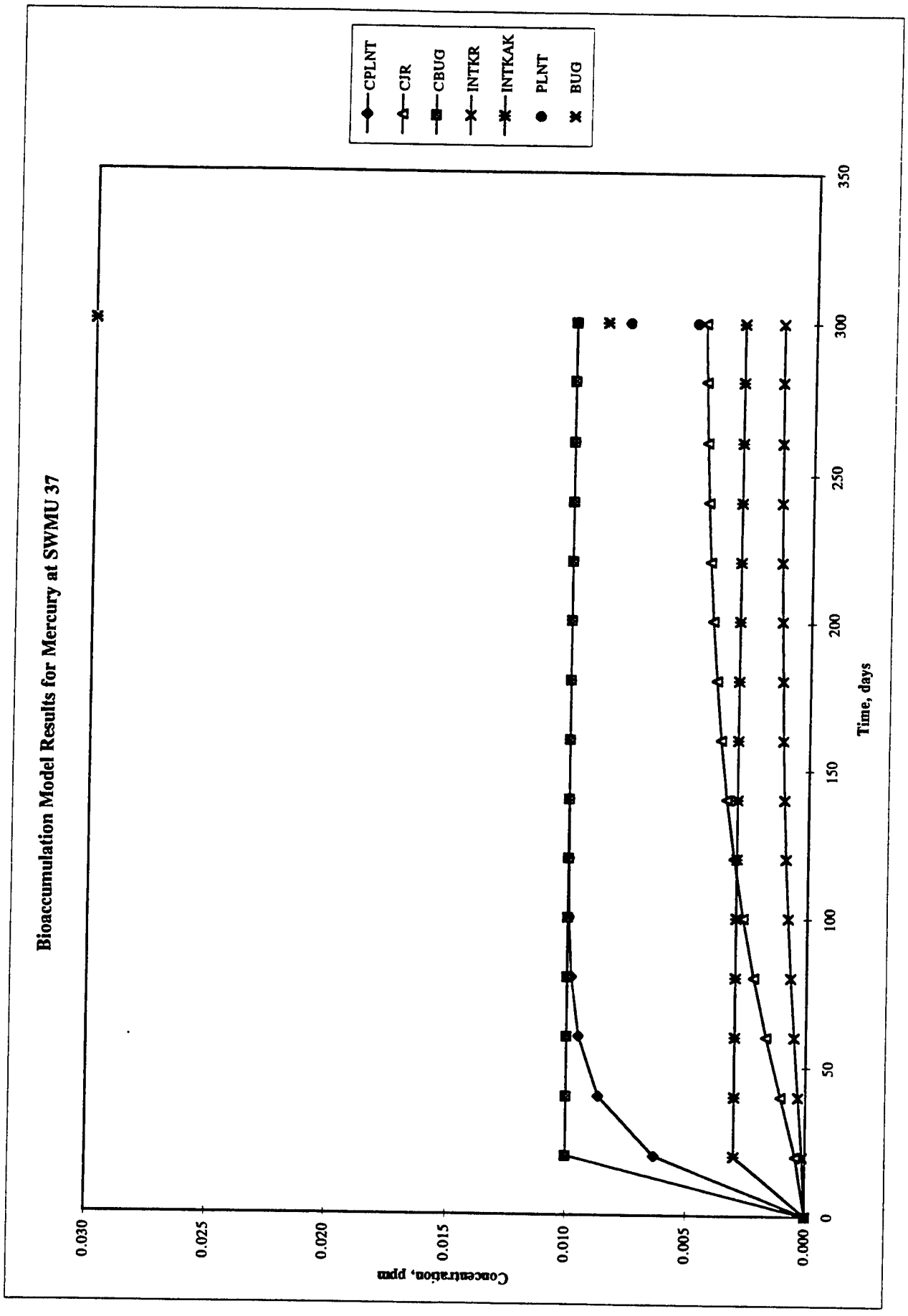

Bioaccumulation Model Results for Mercury at SWMU 10
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
0.025
0.020
0.015
0.010
0.005
0.000
0
50
100
150
200
250
300
350
Time, days

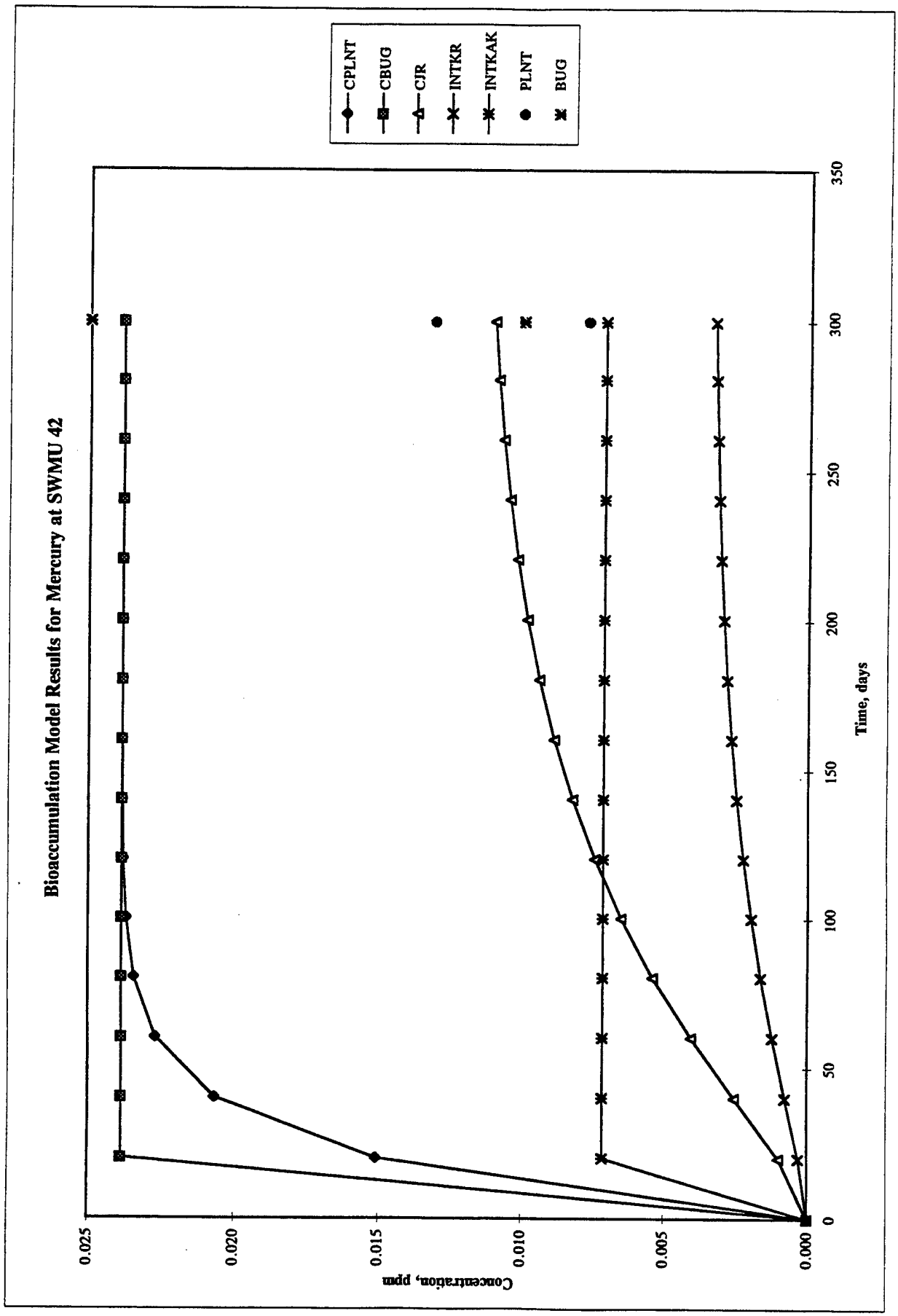

Bioaccumulation Model Results for Mercury at SWMU 11
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0
50
100
150
200
250
300
350
Time, days

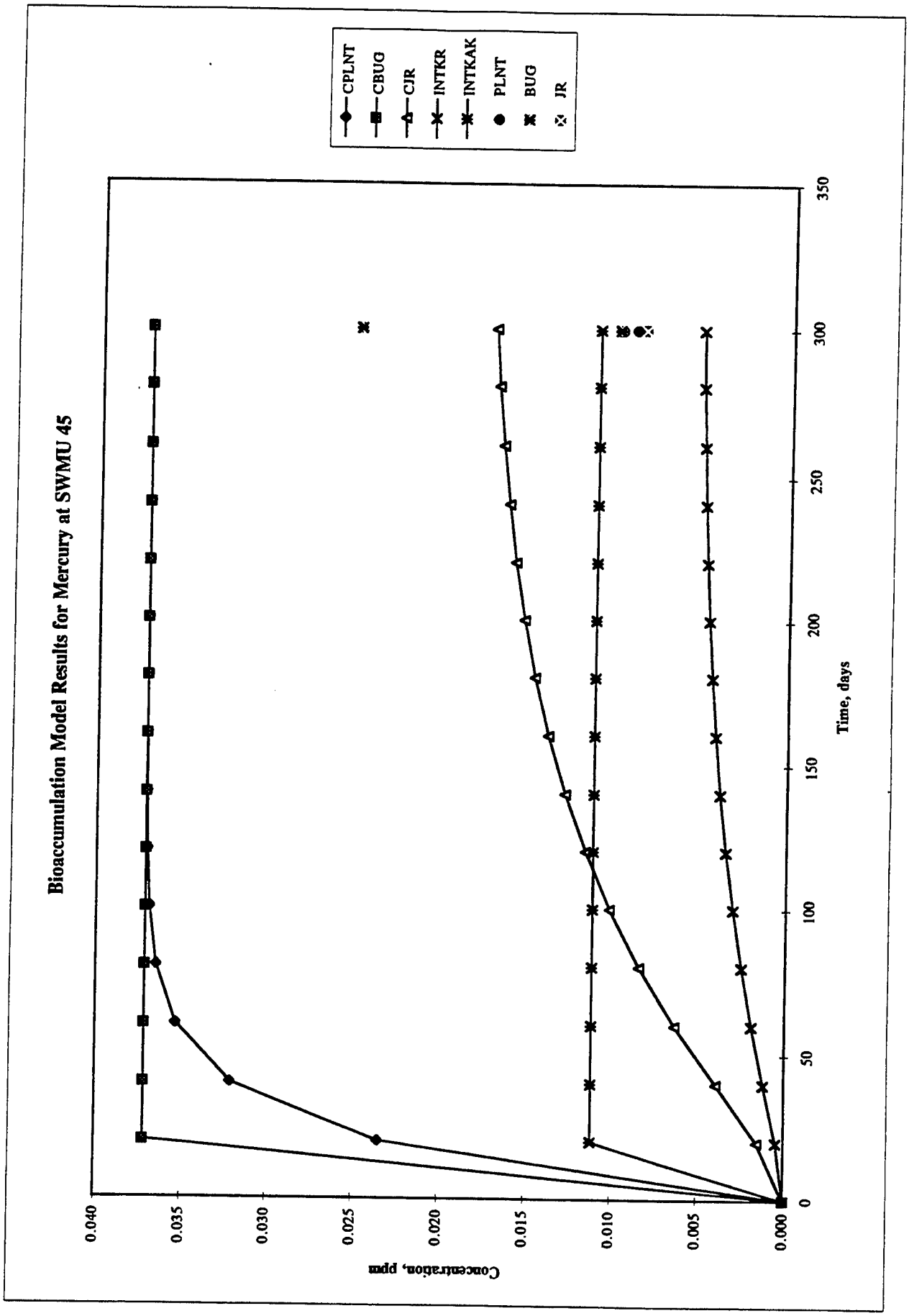

Bioaccumulation Model Results for Mercury at SWMU 12
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
0.025
0.020
0.015
0.010
0.005
0.000
0
50
100
150
200
250
300
350
Time, days

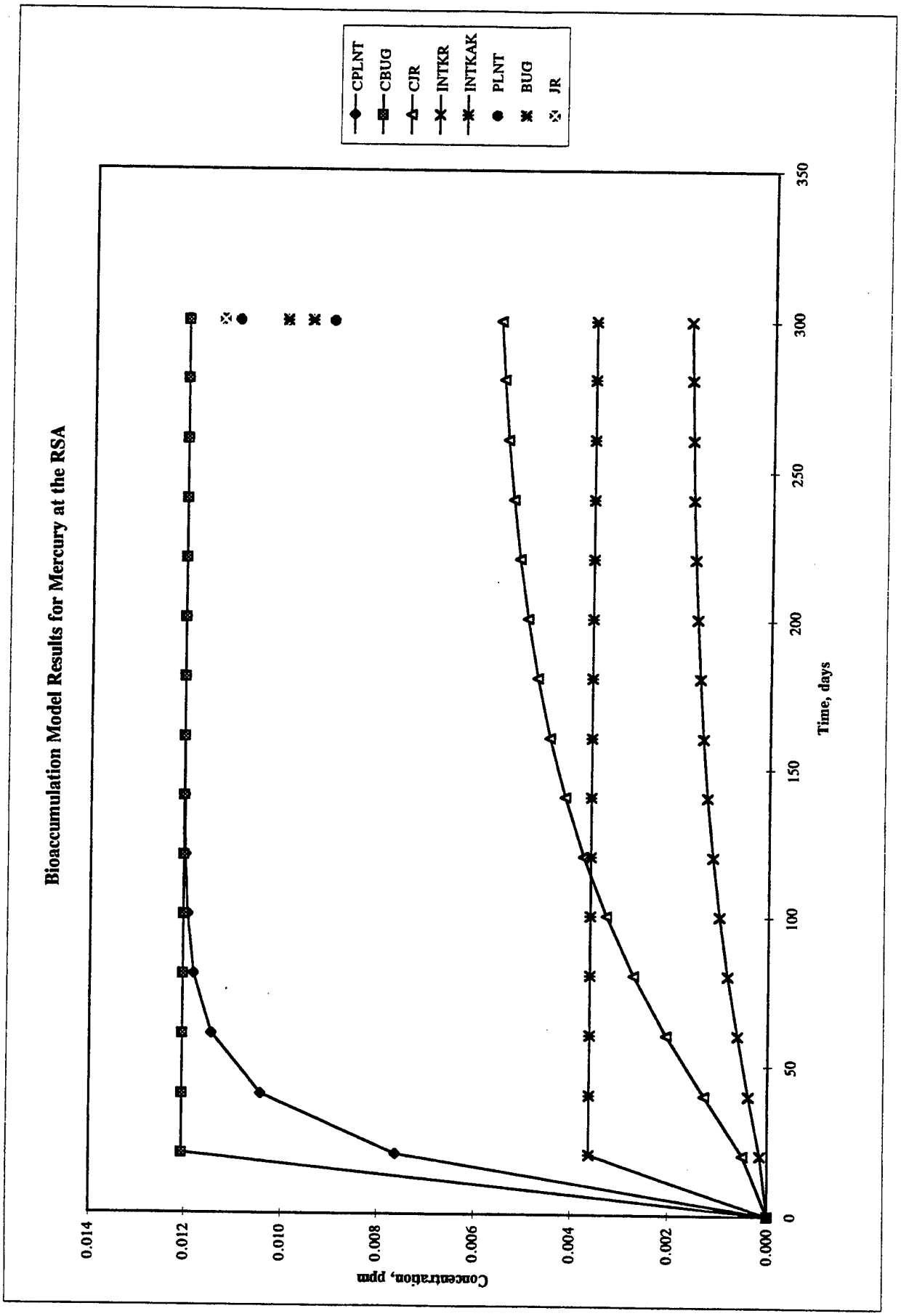

Bioaccumulation Model Results for Mercury at SWMU 15
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
0.140
0.120
0.100
0.080
0.060
0.040
0.020
0.000
Time, days
0
50
100
150
200
250
300
350

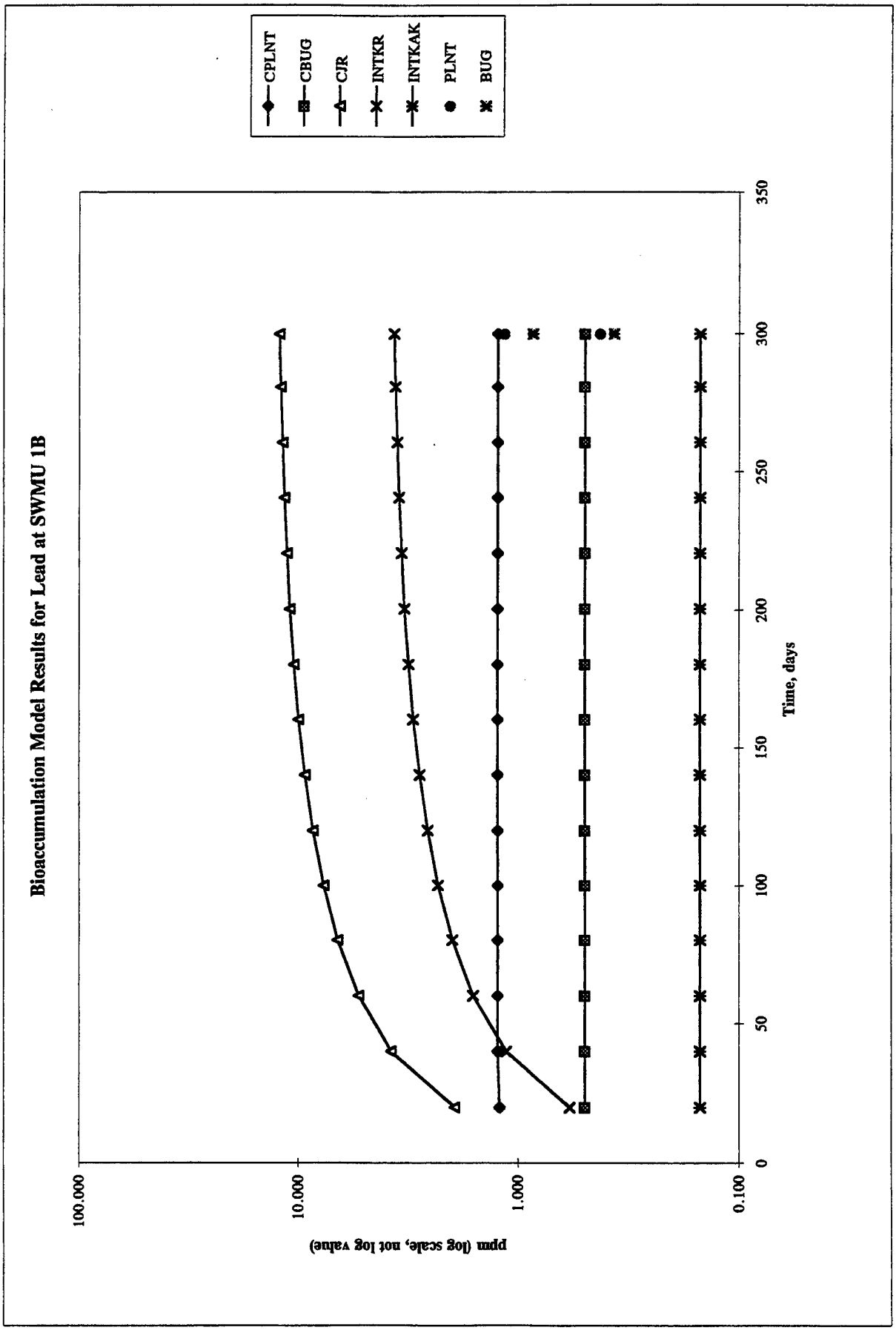

Bioaccumulation Model Results for Mercury at SWMU 21
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0
50
100
150
200
250
300
350
Time, days

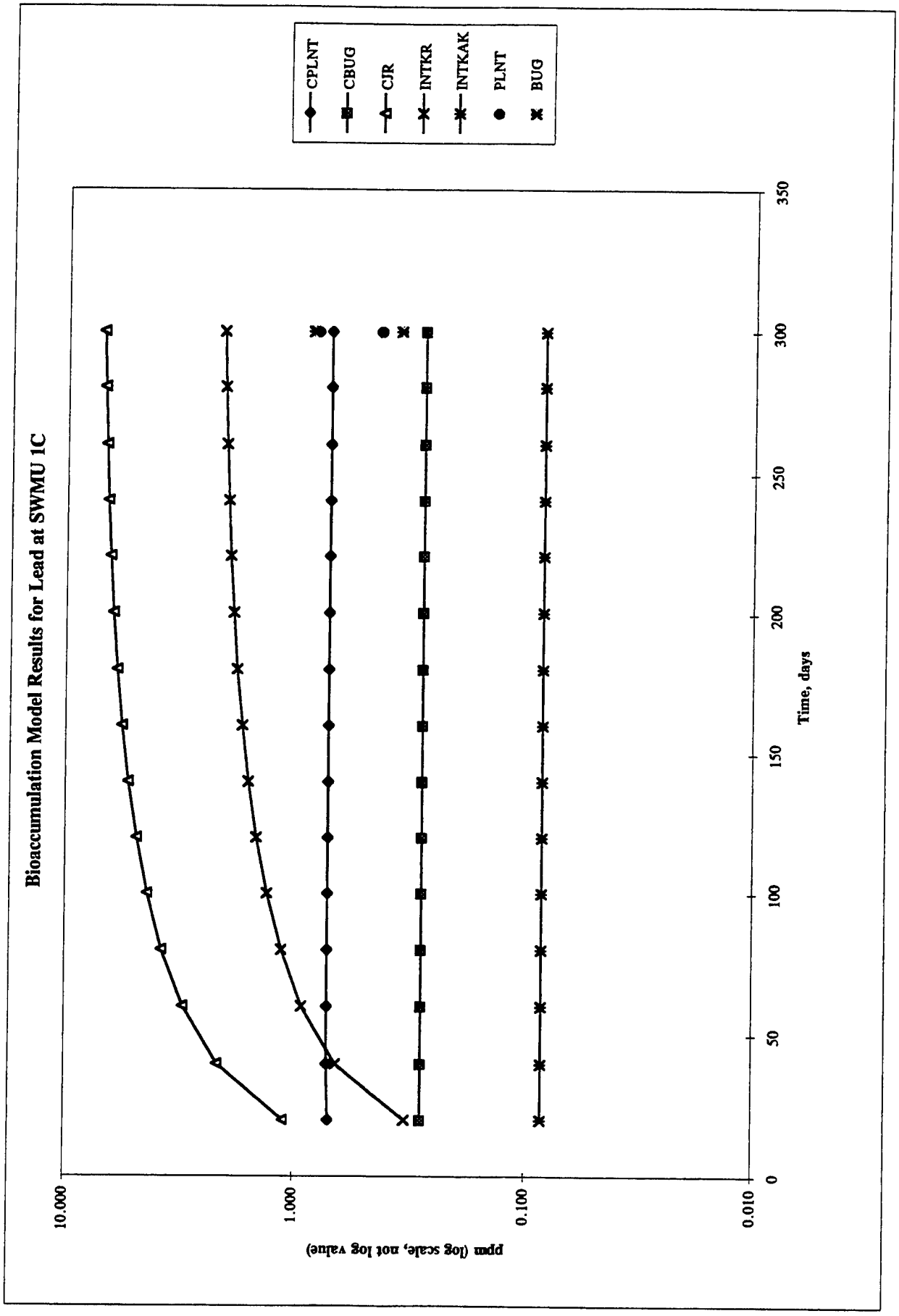

Bioaccumulation Model Results for Mercury at SWMU 37
CPLNT
CJR
CBUG
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0
50
100
150
200
250
300
350
Time, days

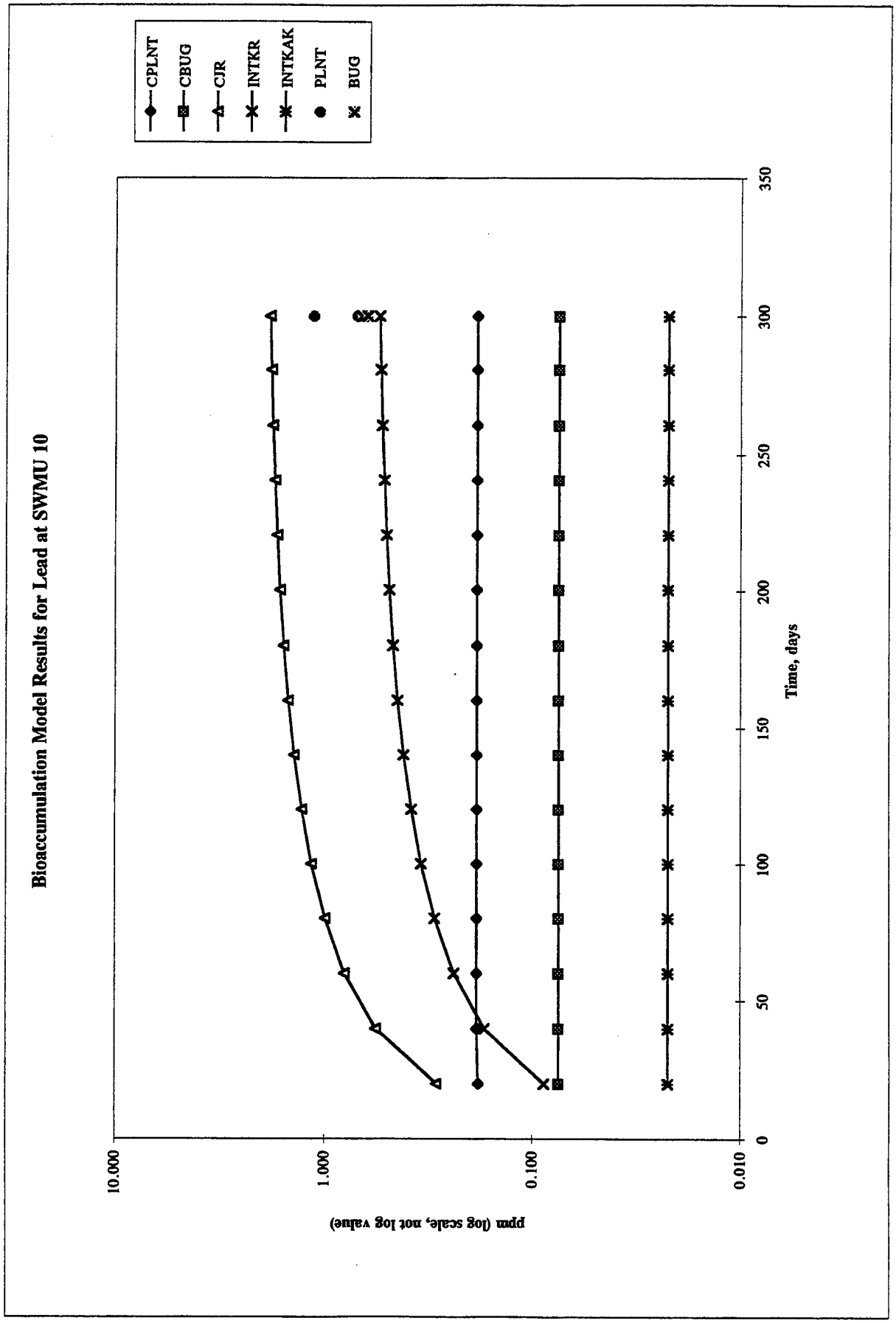

Bioaccumulation Model Results for Mercury at SWMU 42
CPLNT
CBUG
CIR
INTKR
INTKAK
PLNT
BUG
Concentration, ppm
0.025
0.020
0.015
0.010
0.005
0.000
0
50
100
150
200
250
300
350
Time, days

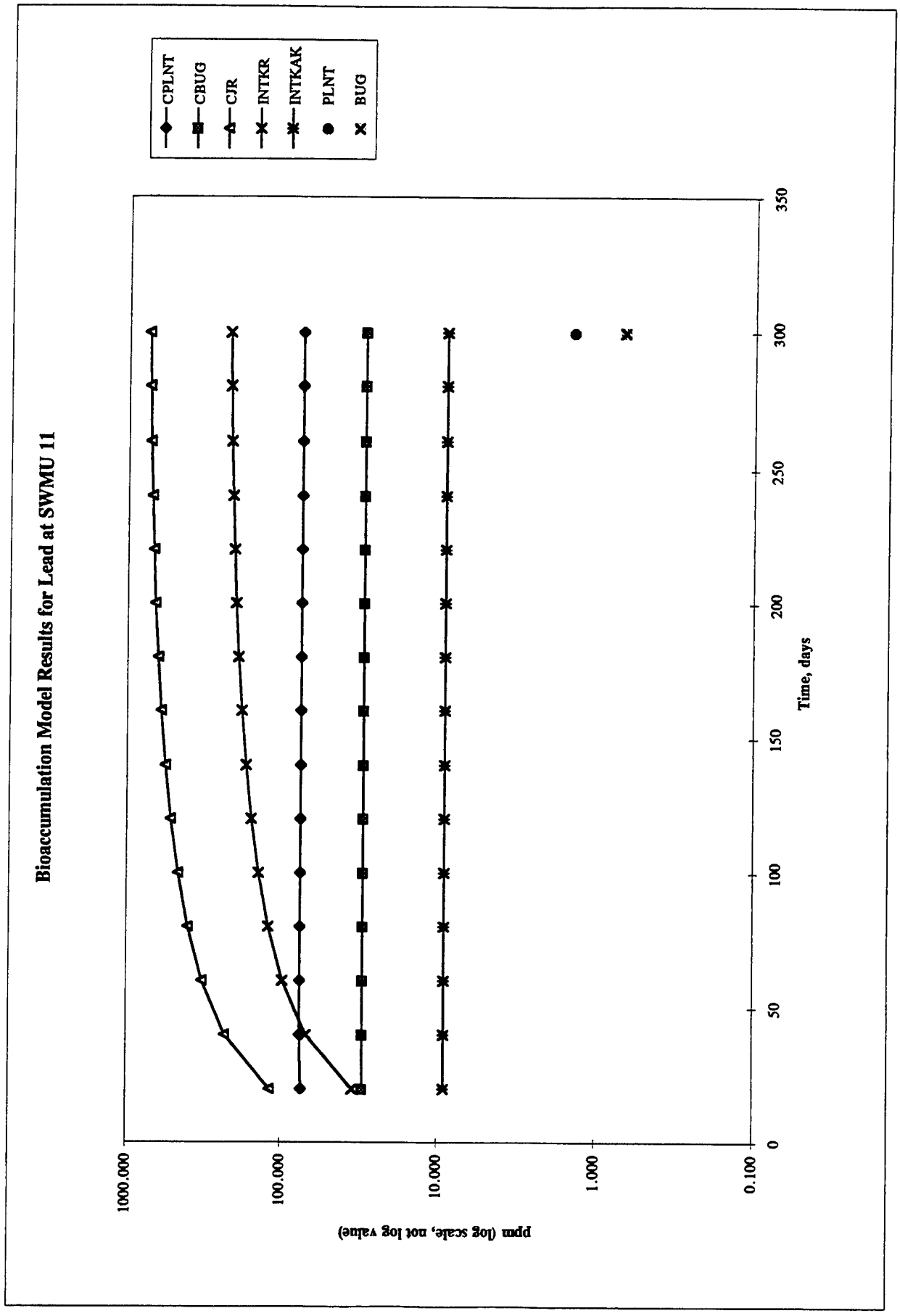

Bioaccumulation Model Results for Mercury at SWMU 45
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
Concentration, ppm
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
Time, days
0
50
100
150
200
250
300
350

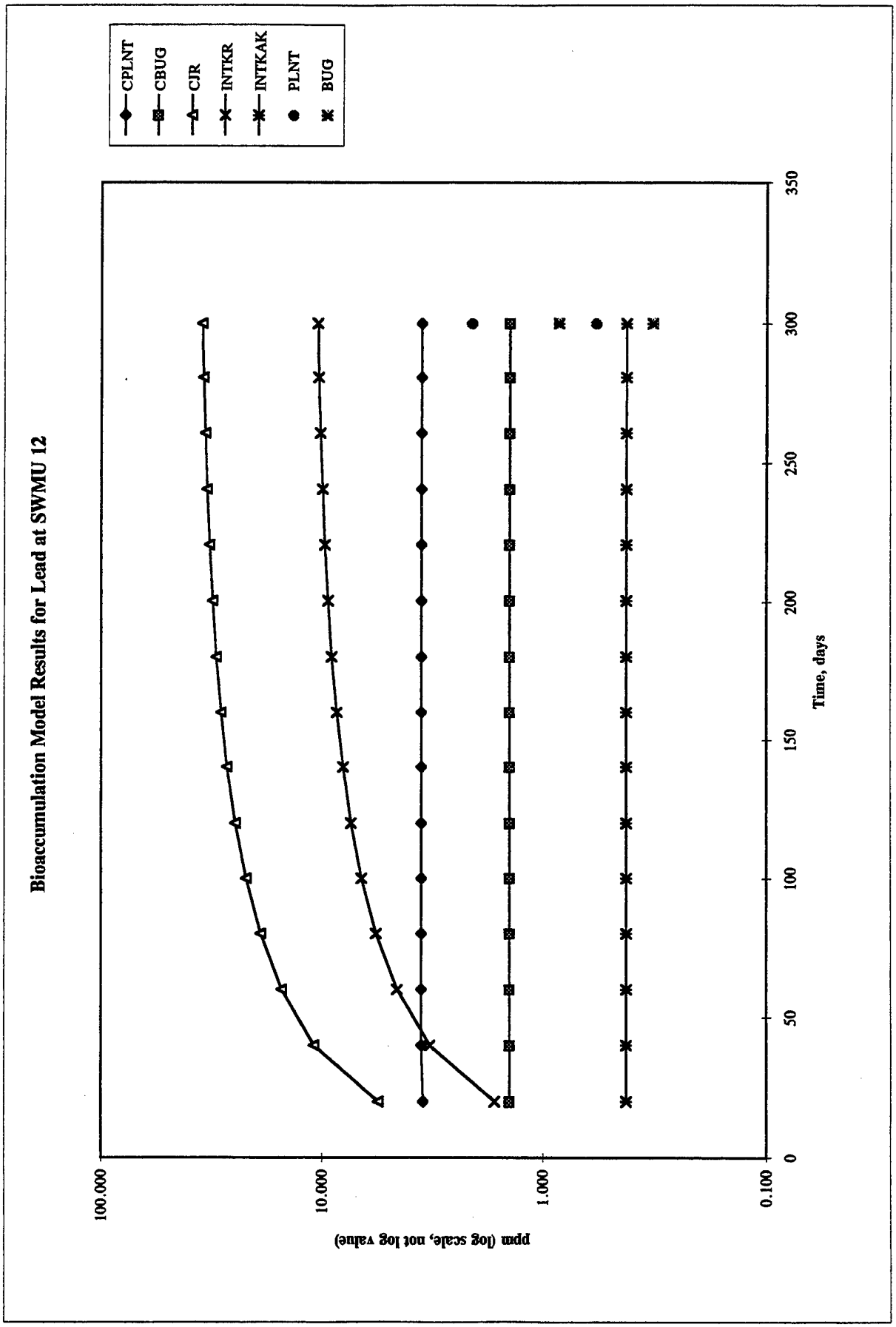

Bioaccumulation Model Results for Mercury at the RSA
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
Concentration, ppm
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000
0
50
100
150
200
250
300
350
Time, days

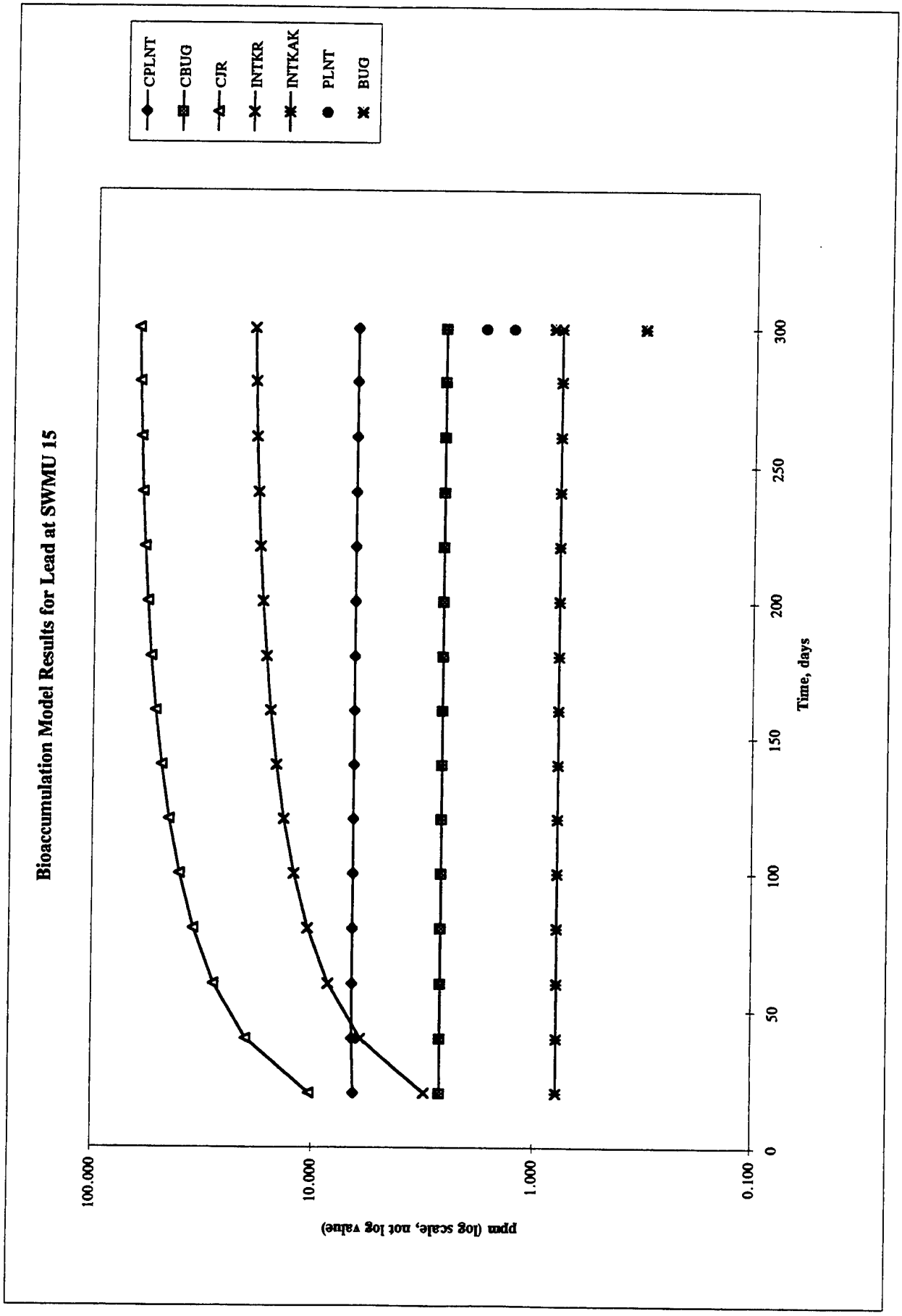

Bioaccumulation Model Results for Lead at SWMU 1B
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
100.000
10.000
1.000
0.100
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

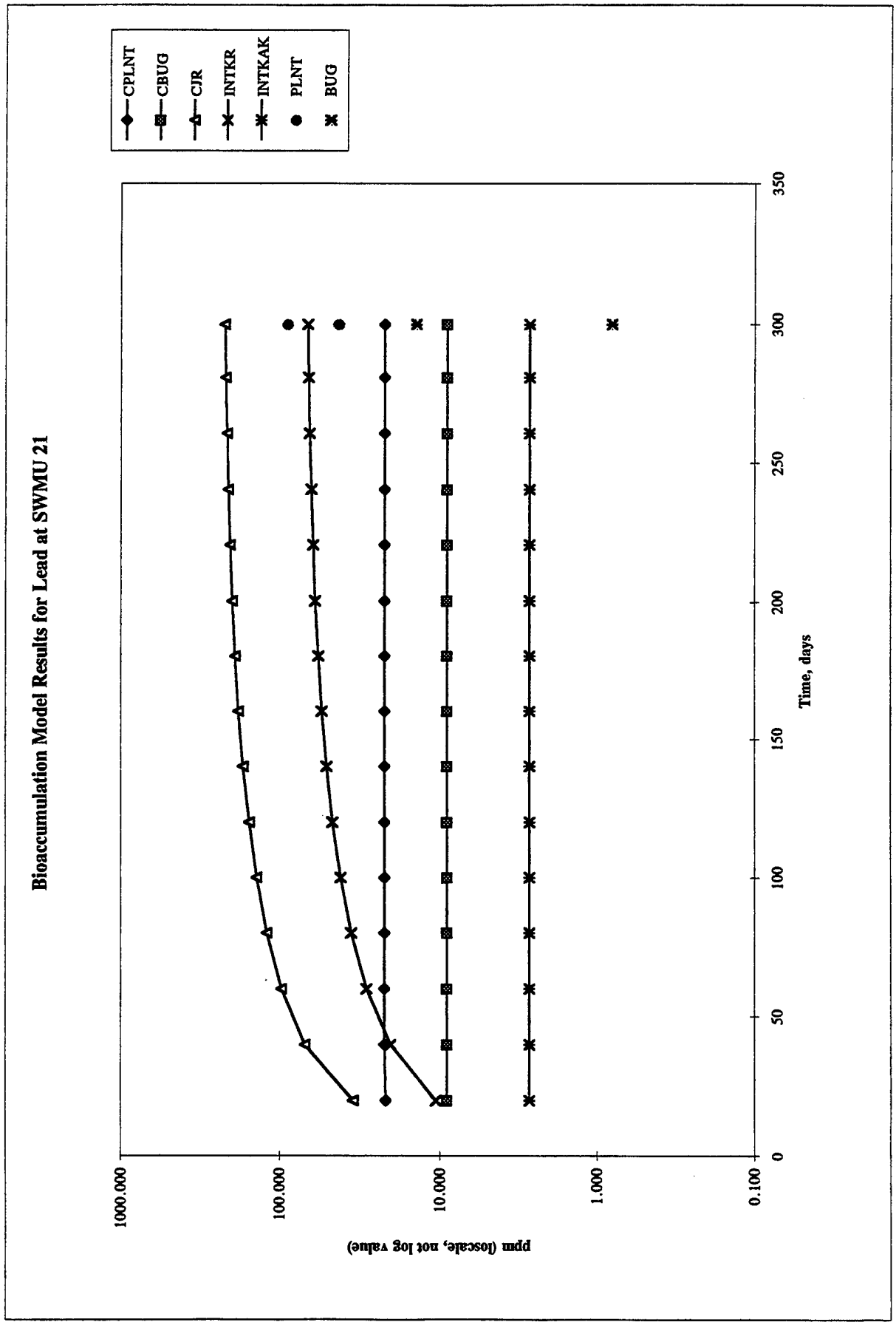

Bioaccumulation Model Results for Lead at SWMU 1C
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
10.000
1.000
0.100
0.010
0
50
100
150
200
250
300
350
Time, days

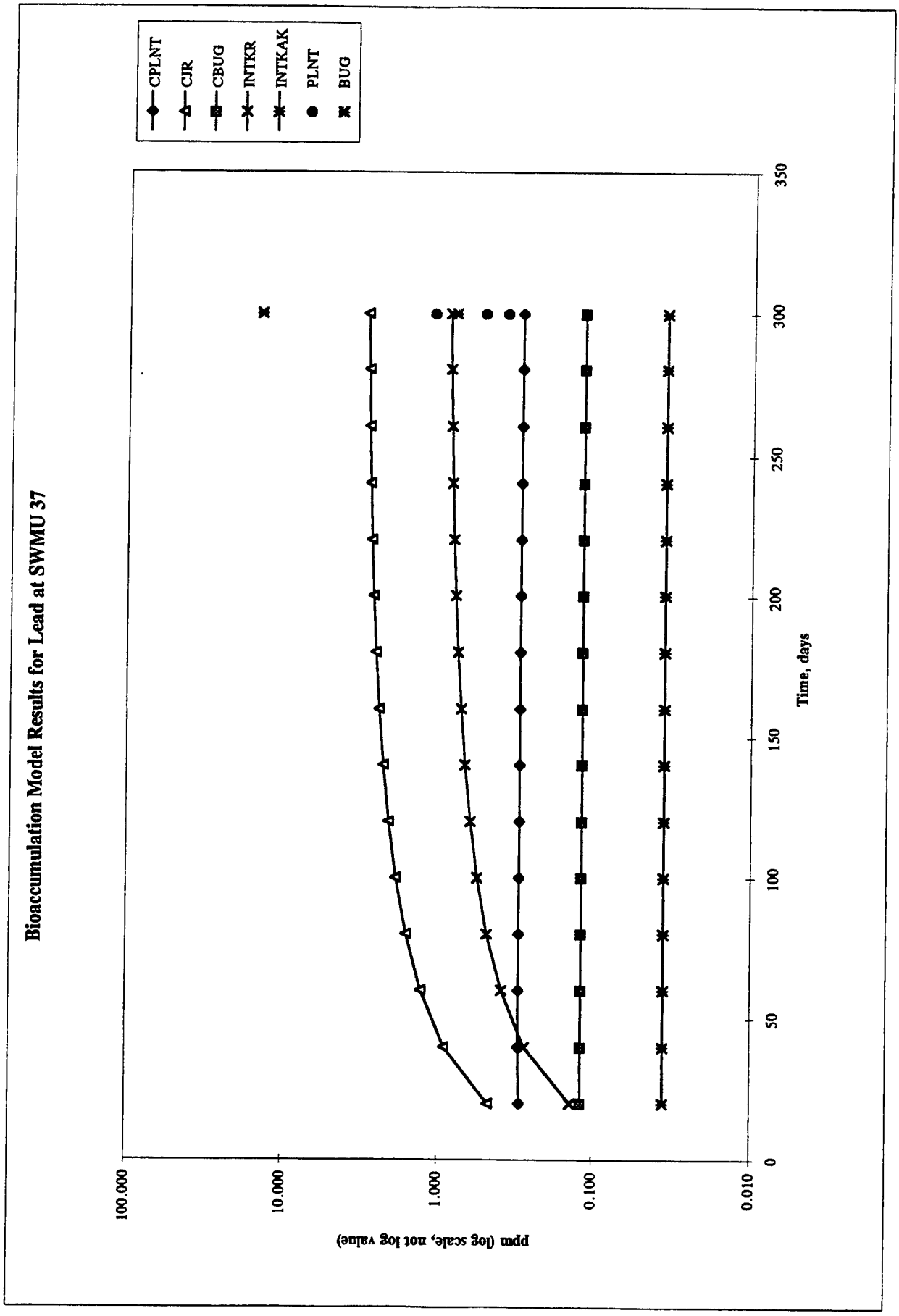

Bioaccumulation Model Results for Lead at SWMU 10
CPLNT
CBUG
CIR
INTKR
INTKAK
PLNT
BUG
10.000
1.000
0.100
0.010
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

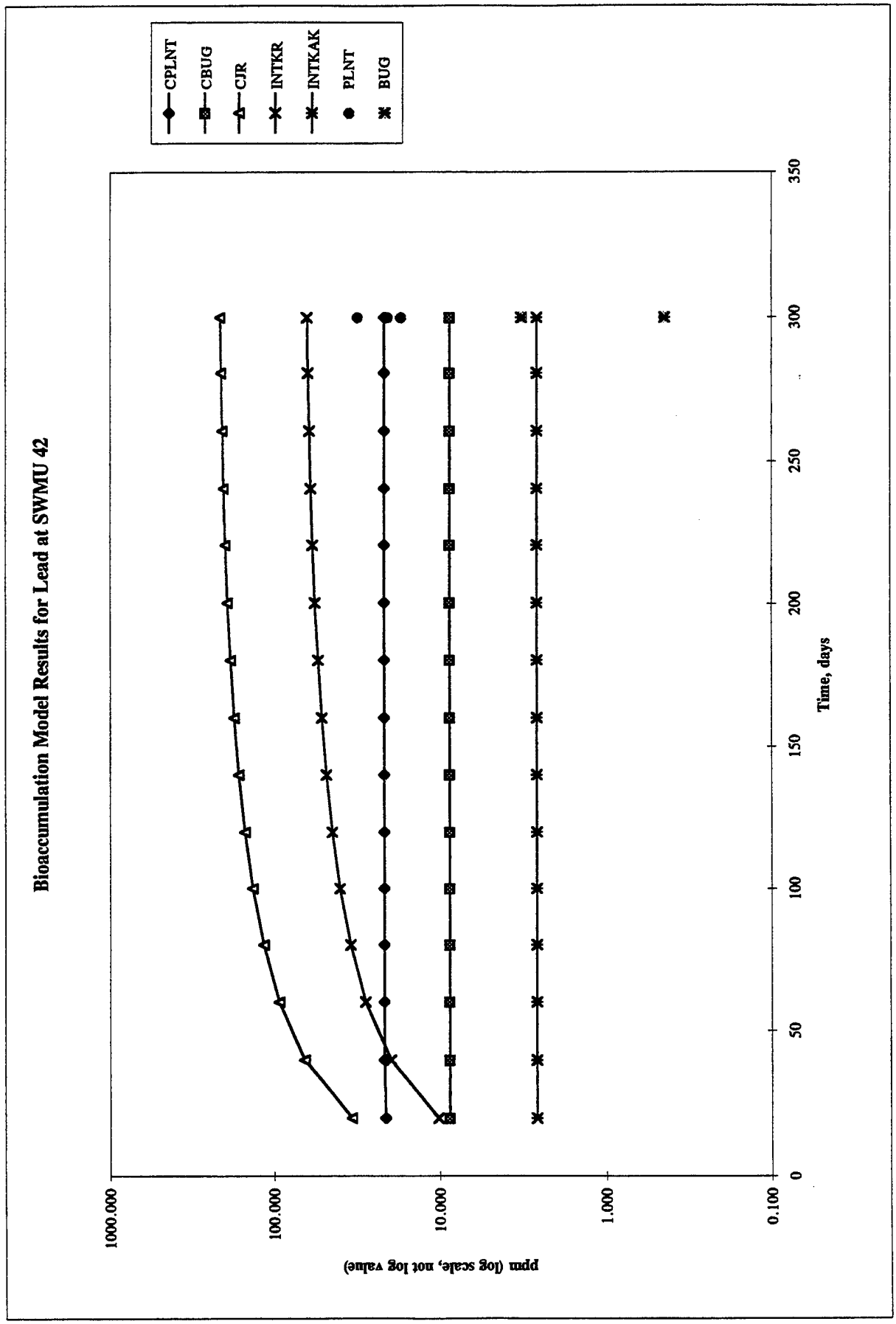

Bioaccumulation Model Results for Lead at SWMU 11
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
1000.000
100.000
10.000
1.000
0.100
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

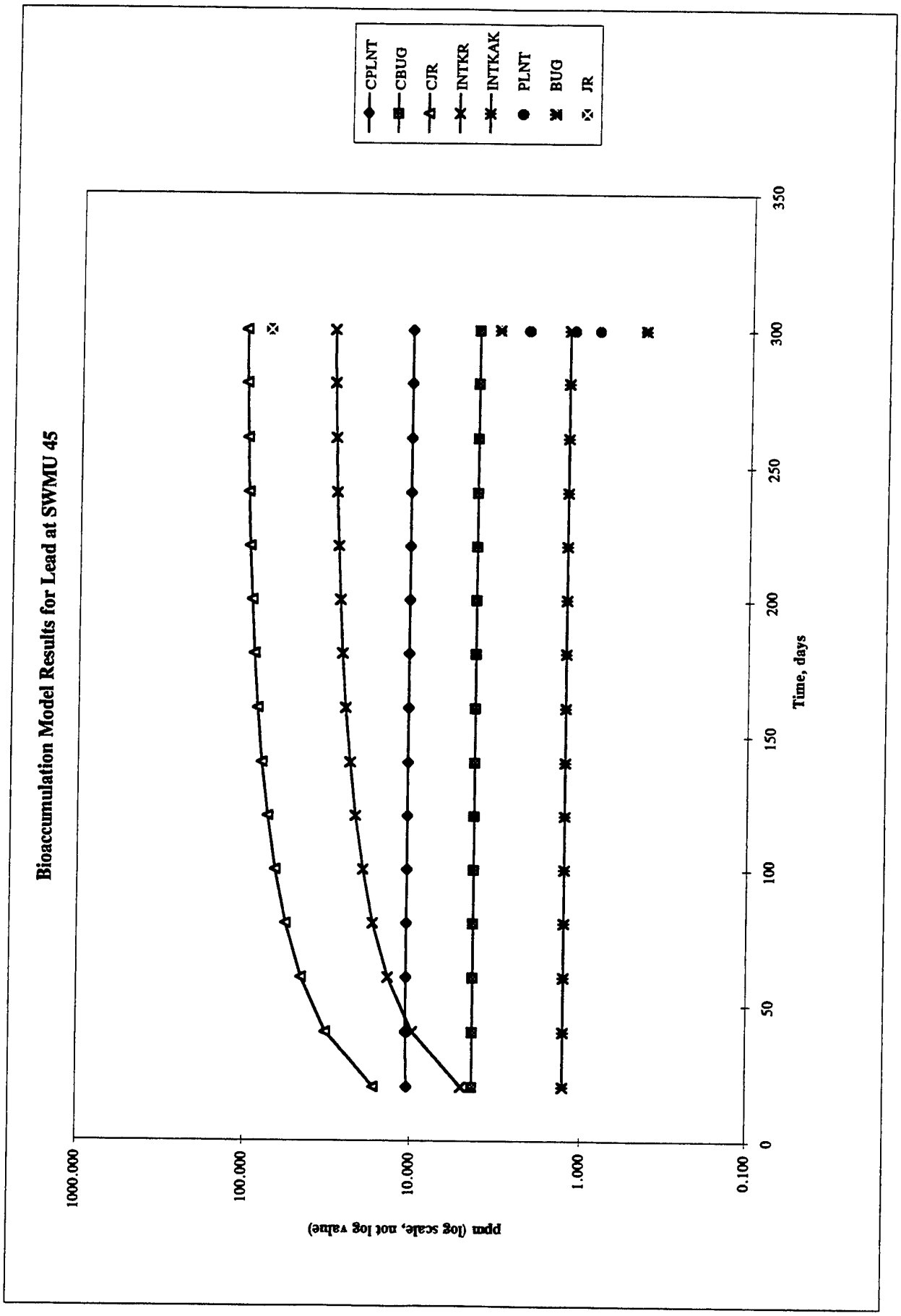

Bioaccumulation Model Results for Lead at SWMU 12
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
100.000
10.000
1.000
0.100
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

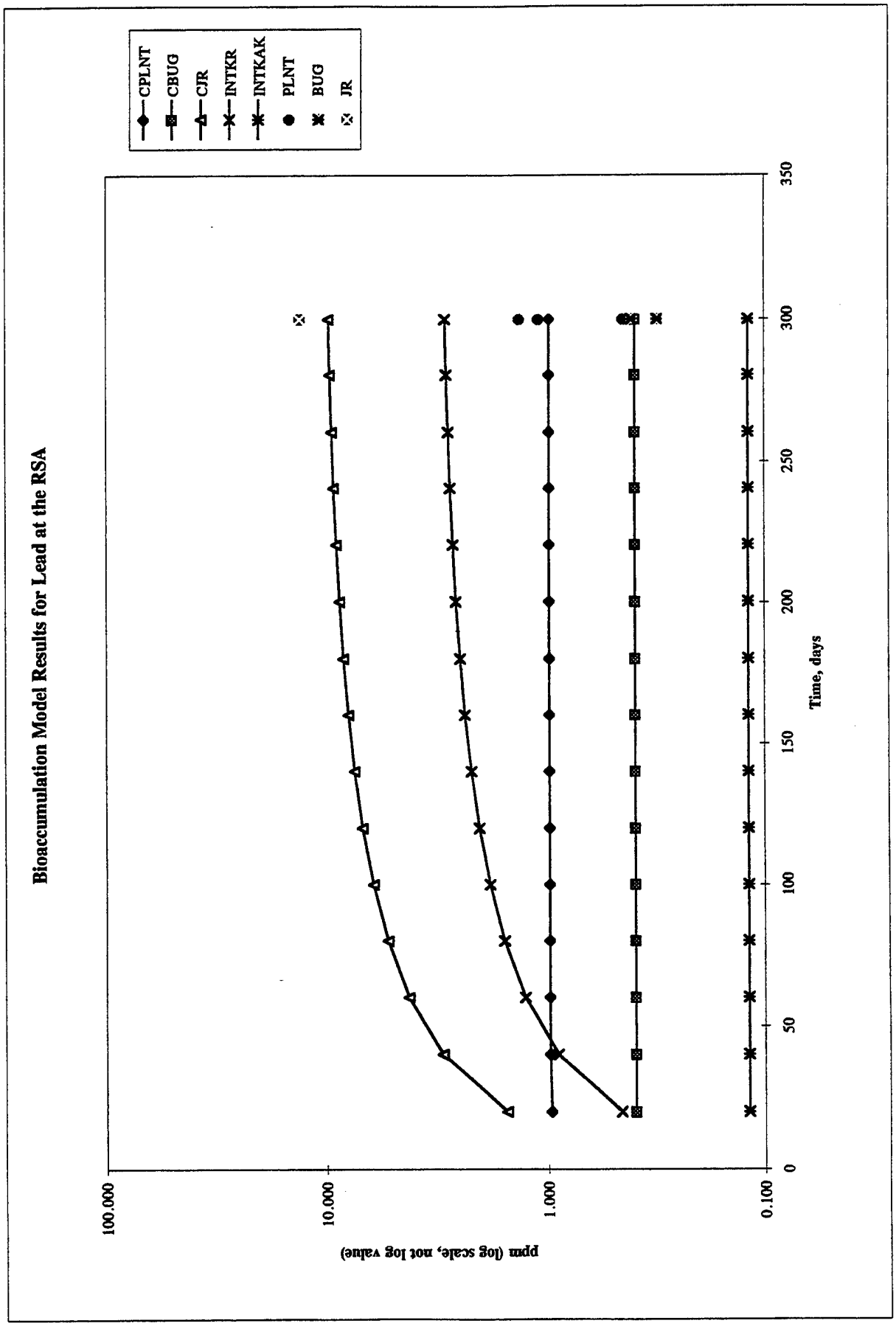

Bioaccumulation Model Results for Lead at SWMU 15
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
100.000
10.000
1.000
0.100
ppm (log scale, not log value)
0
50
100
150
200
250
300
Time, days

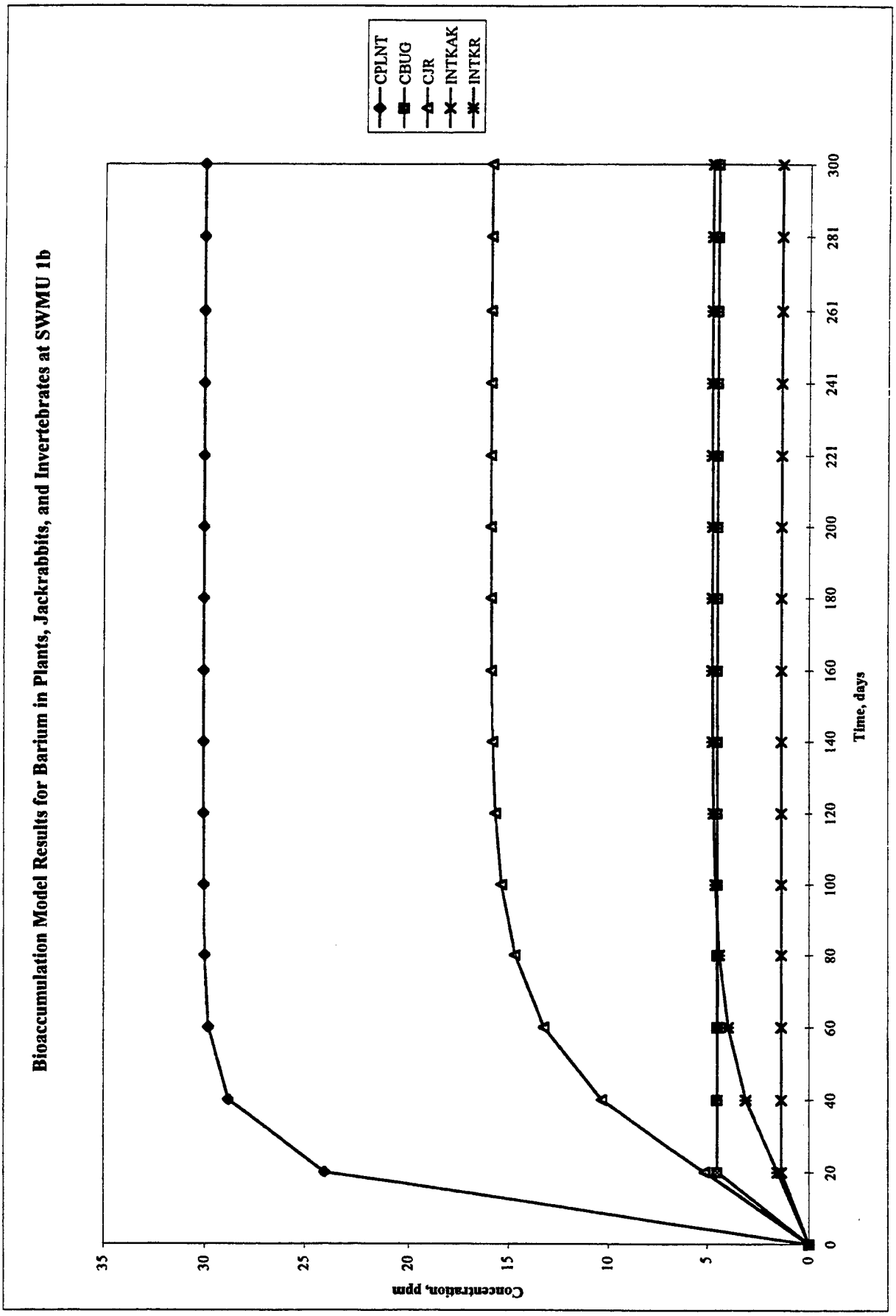

Bioaccumulation Model Results for Lead at SWMU 21
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
1000.000
100.000
10.000
1.000
0.100
ppm (loscale, not log value)
0
50
100
150
200
250
300
350
Time, days

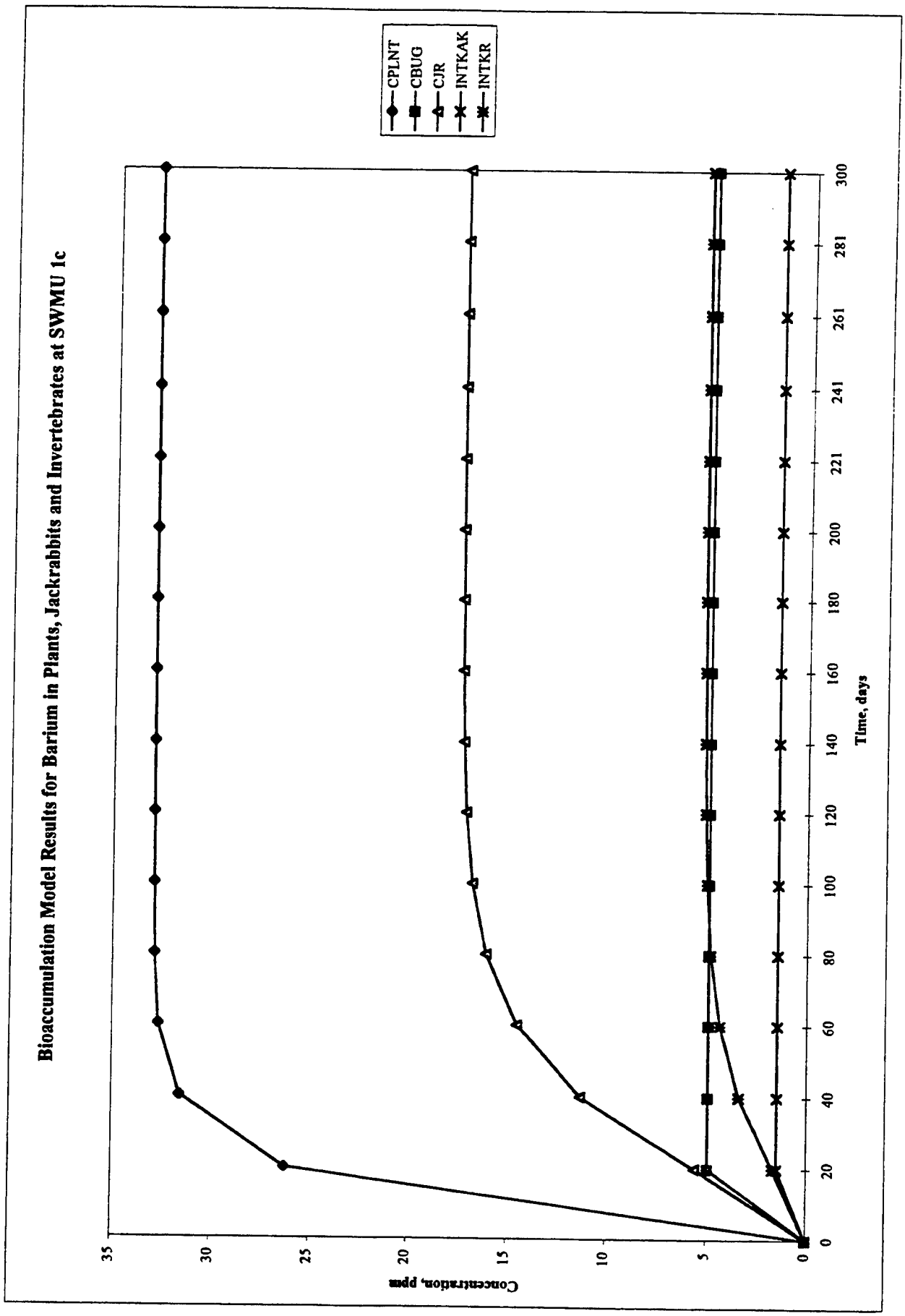

Bioaccumulation Model Results for Lead at SWMU 37
CPLNT
CJR
CBUG
INTKR
INTKAK
PLNT
BUG
100.000
10.000
1.000
0.100
0.010
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

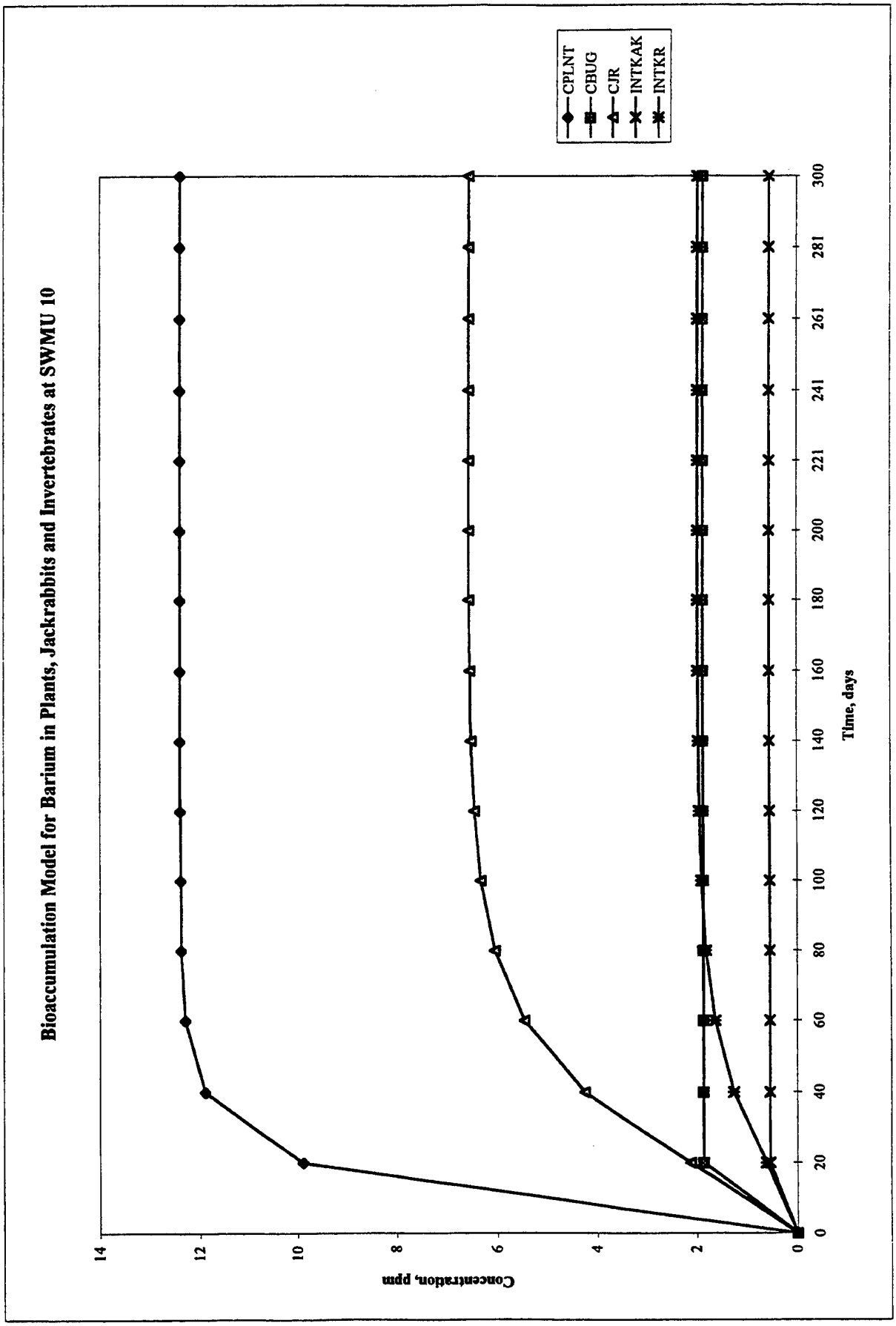

Bioaccumulation Model Results for Lead at SWMU 42
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
1000.000
100.000
10.000
1.000
0.100
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

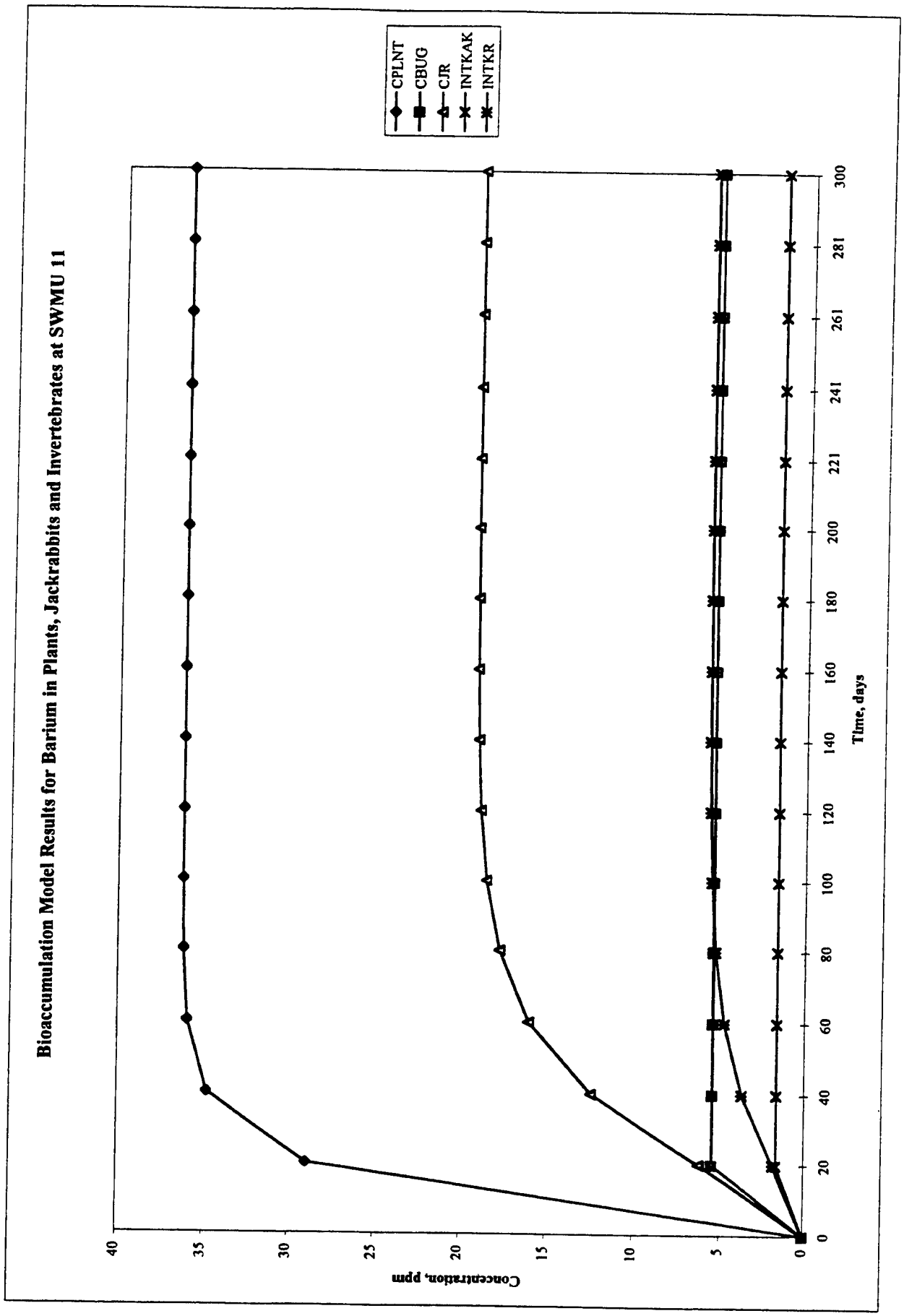

Bioaccumulation Model Results for Lead at SWMU 45
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
1000.000
100.000
10.000
1.000
0.100
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

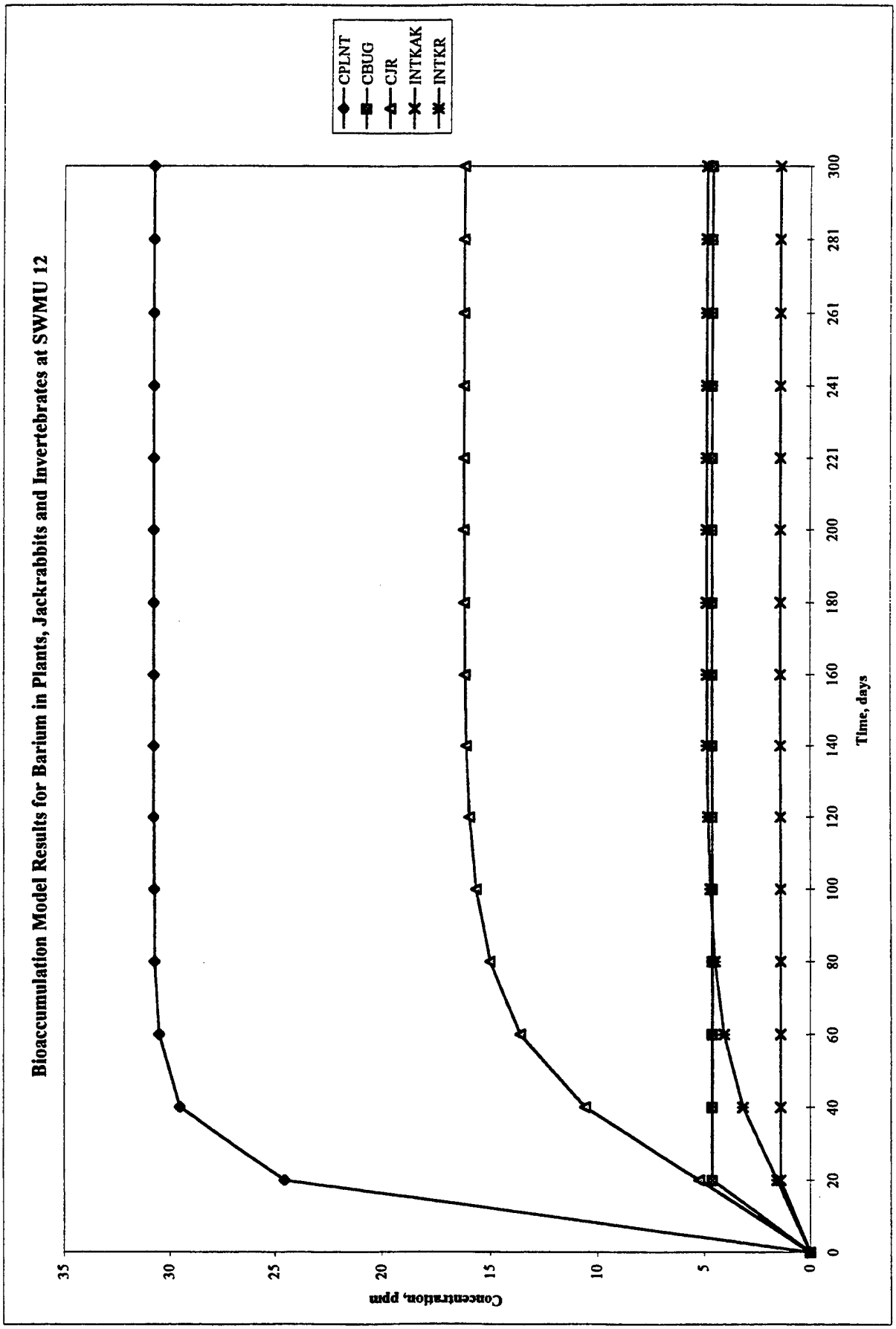

Bioaccumulation Model Results for Lead at the RSA
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
100.000
10.000
1.000
0.100
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

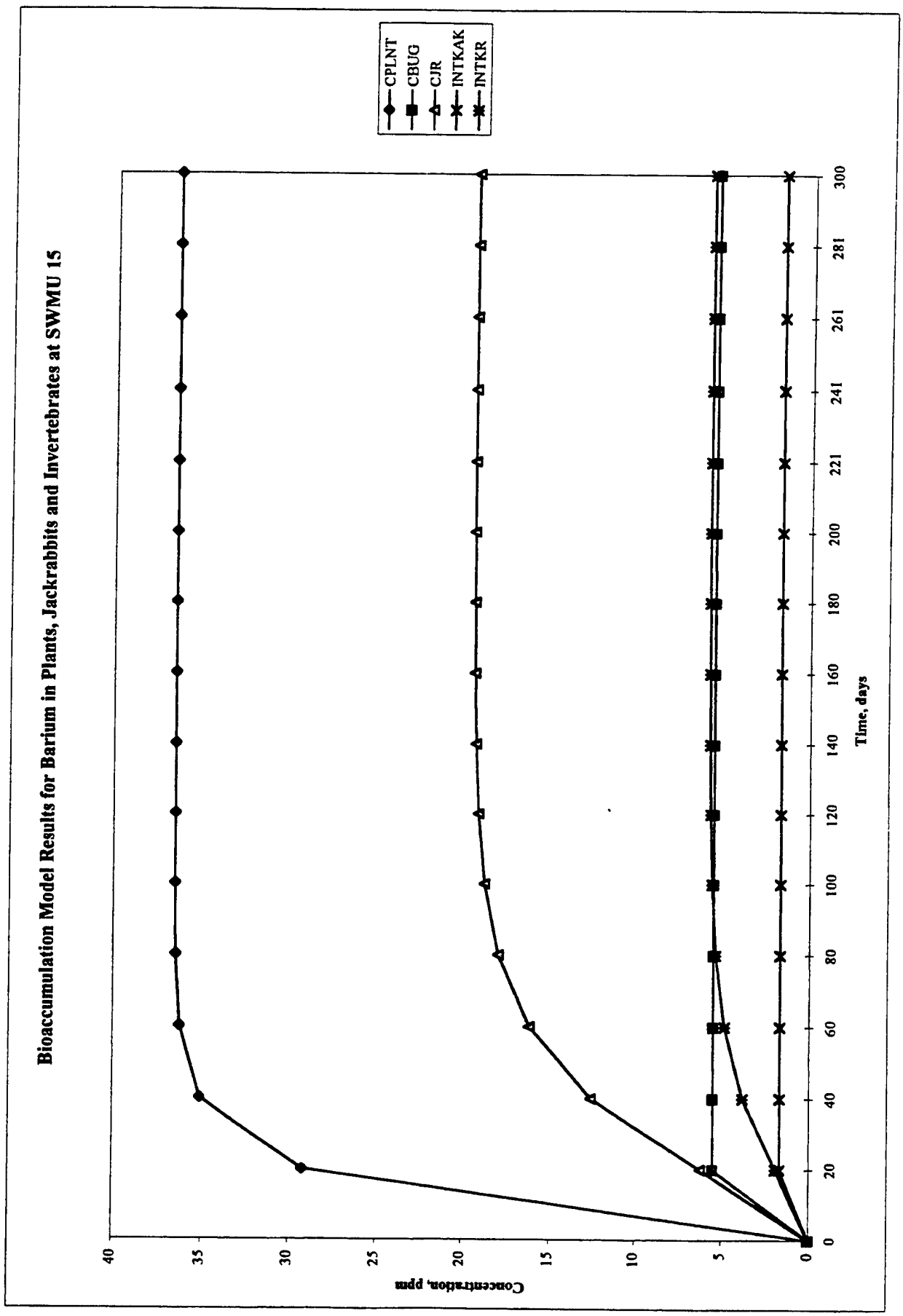

Bioaccumulation Model Results for Barium in Plants, Jackrabbits, and Invertebrates at SWMU 1b
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
Time, days
0
5
10
15
20
25
30
35
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

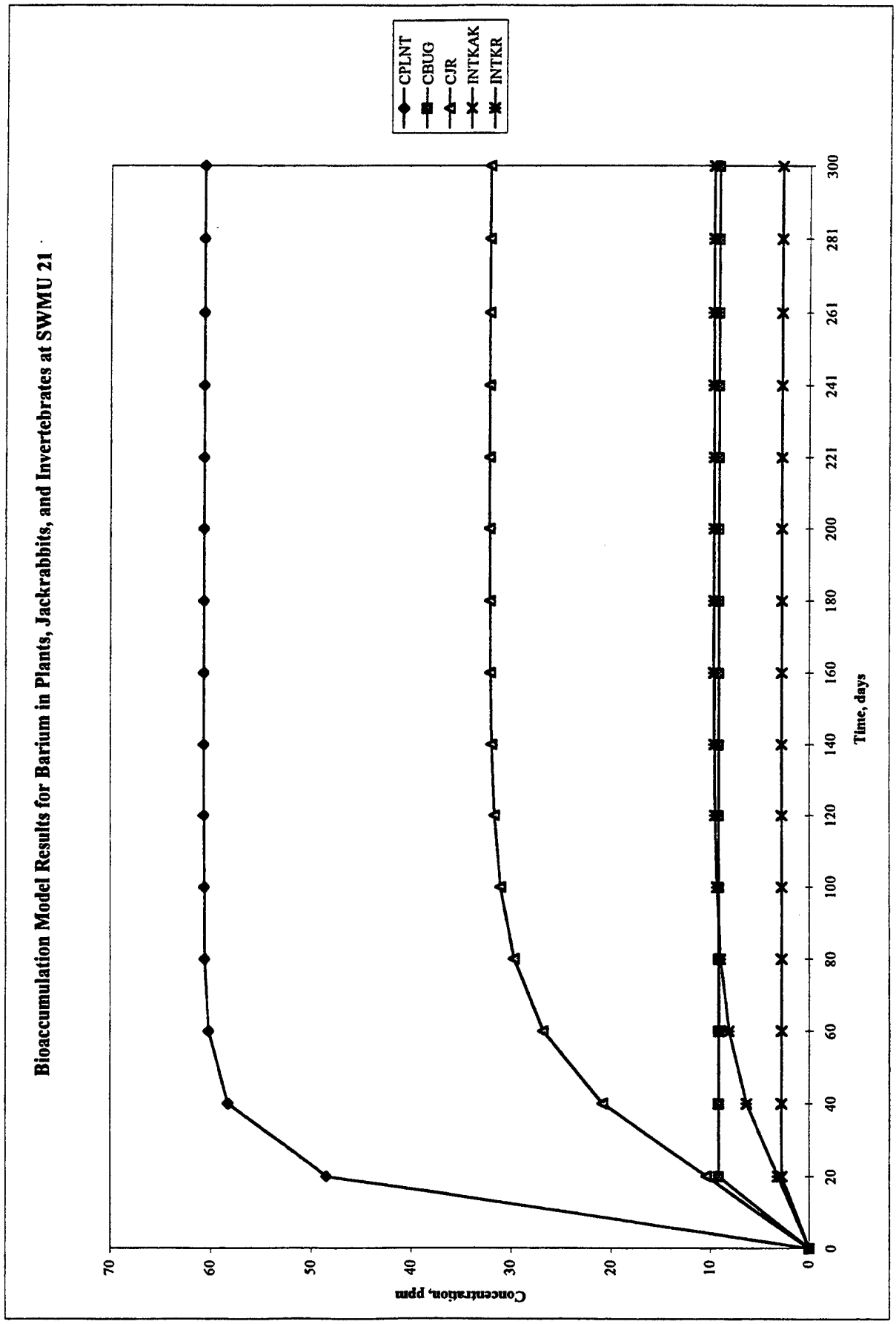

Bioaccumulation Model Results for Barium in Plants, Jackrabbits and Invertebrates at SWMU 1c
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0
5
10
15
20
25
30
35
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

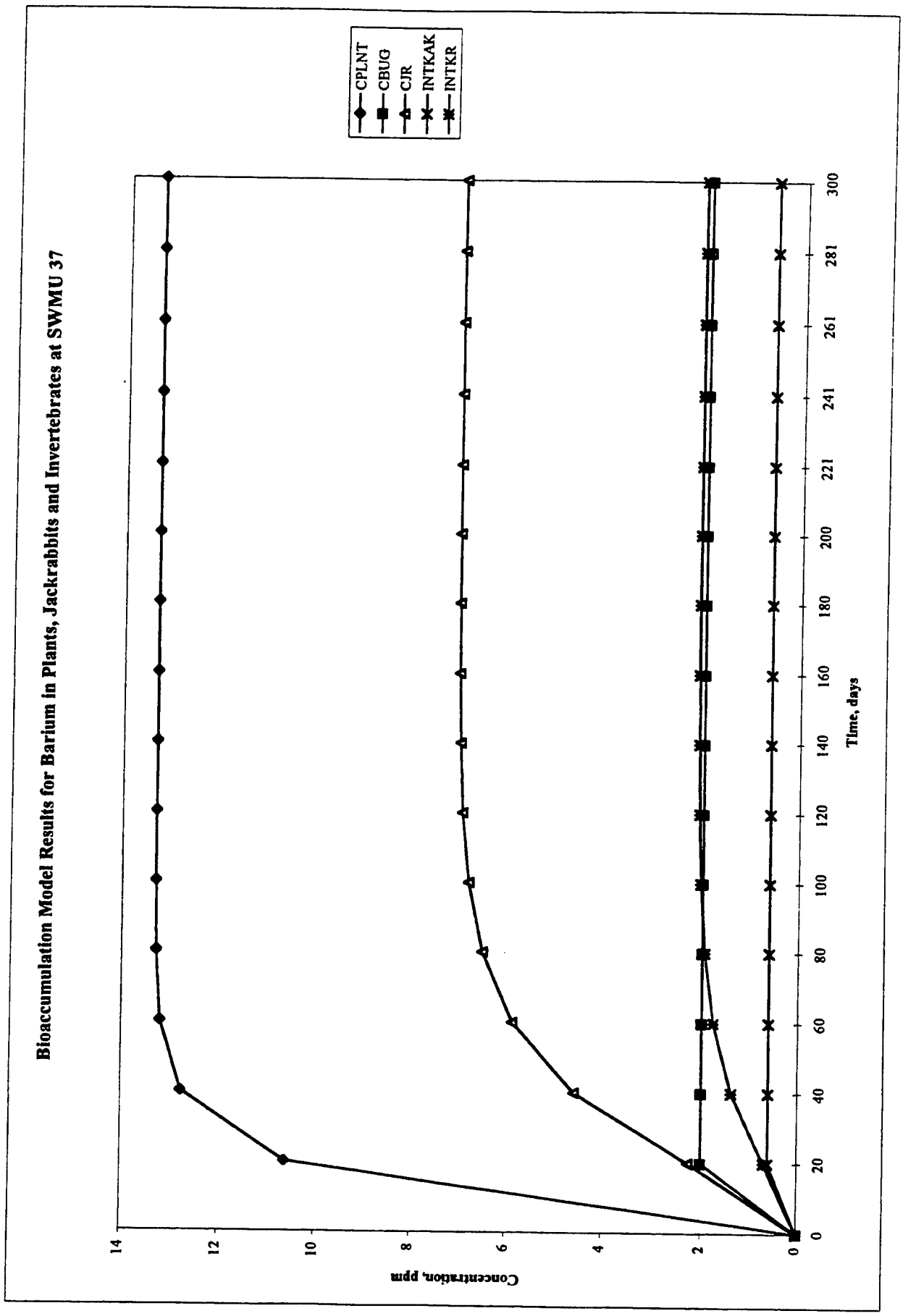

Bioaccumulation Model for Barium in Plants, Jackrabbits and Invertebrates at SWMU 10
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
Time, days
0
2
4
6
8
10
12
14
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

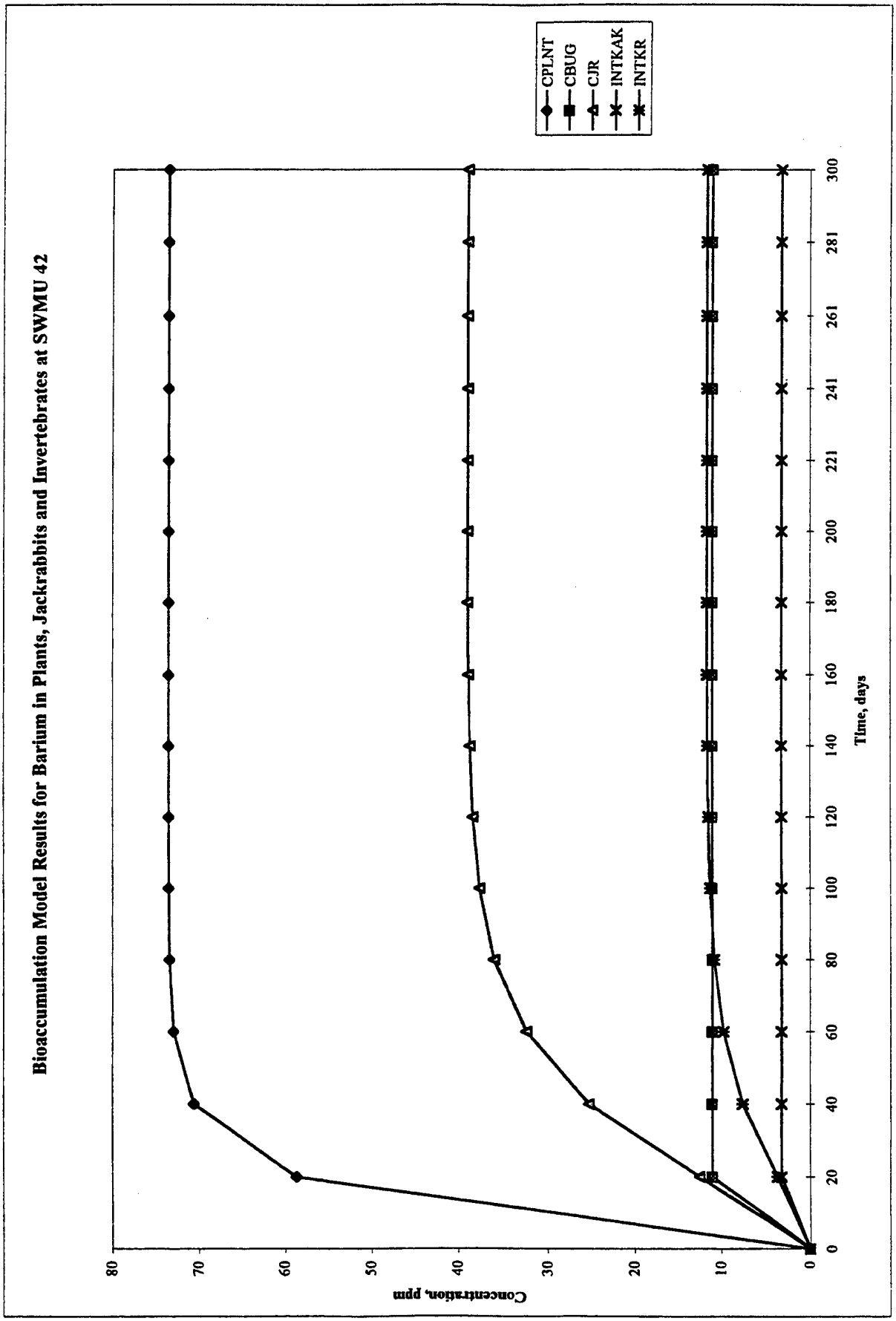

Bioaccumulation Model Results for Barium in Plants, Jackrabbits and Invertebrates at SWMU 11
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0
5
10
15
20
25
30
35
40
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

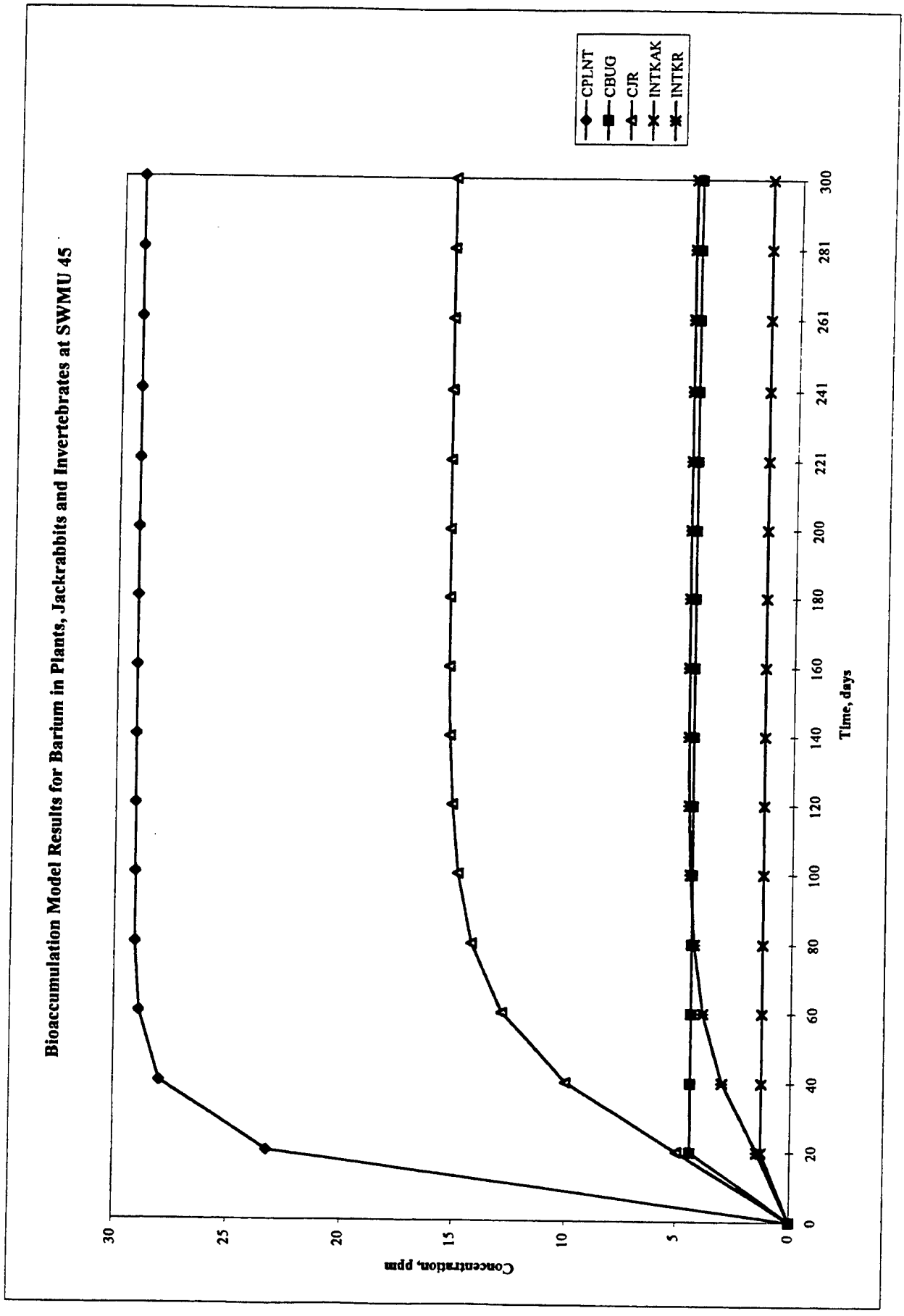

Bioaccumulation Model Results for Barium in Plants, Jackrabbits and Invertebrates at SWMU 12
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0
5
10
15
20
25
30
35
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

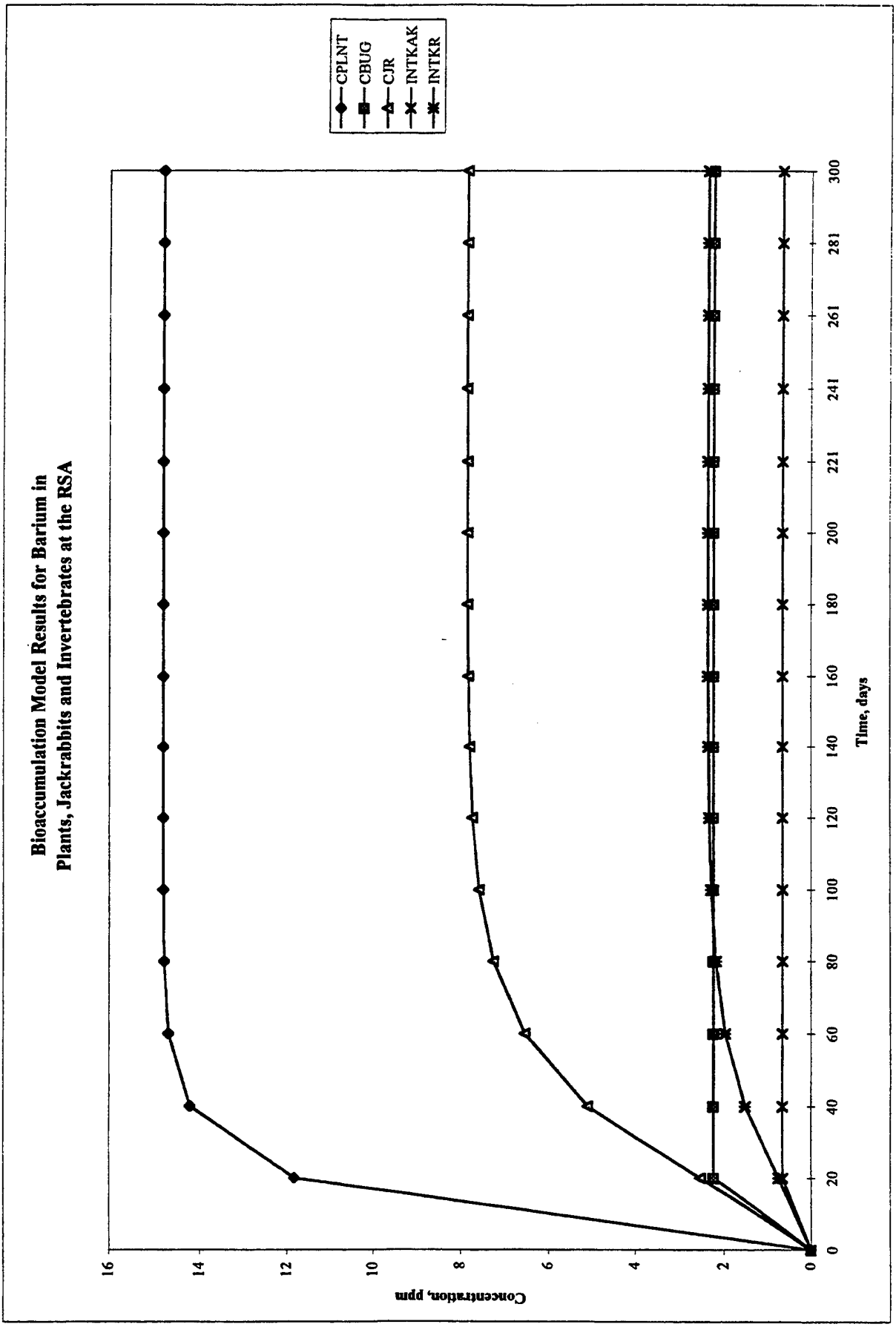

Bioaccumulation Model Results for Barium in Plants, Jackrabbits and Invertebrates at SWMU 15
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
Time, days
0
5
10
15
20
25
30
35
40
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

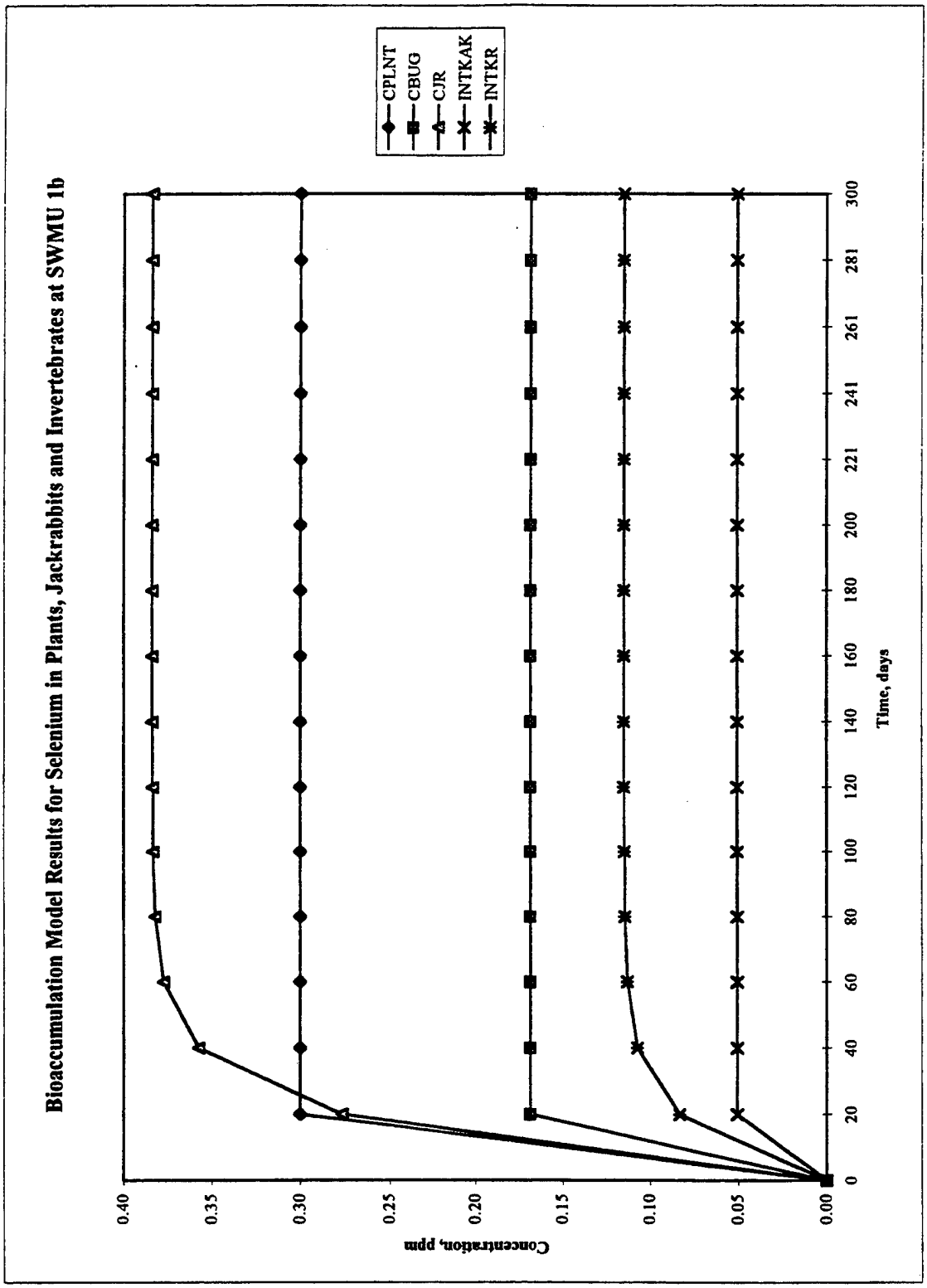

Bioaccumulation Model Results for Barium in Plants, Jackrabbits, and Invertebrates at SWMU 21
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0
10
20
30
40
50
60
70
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

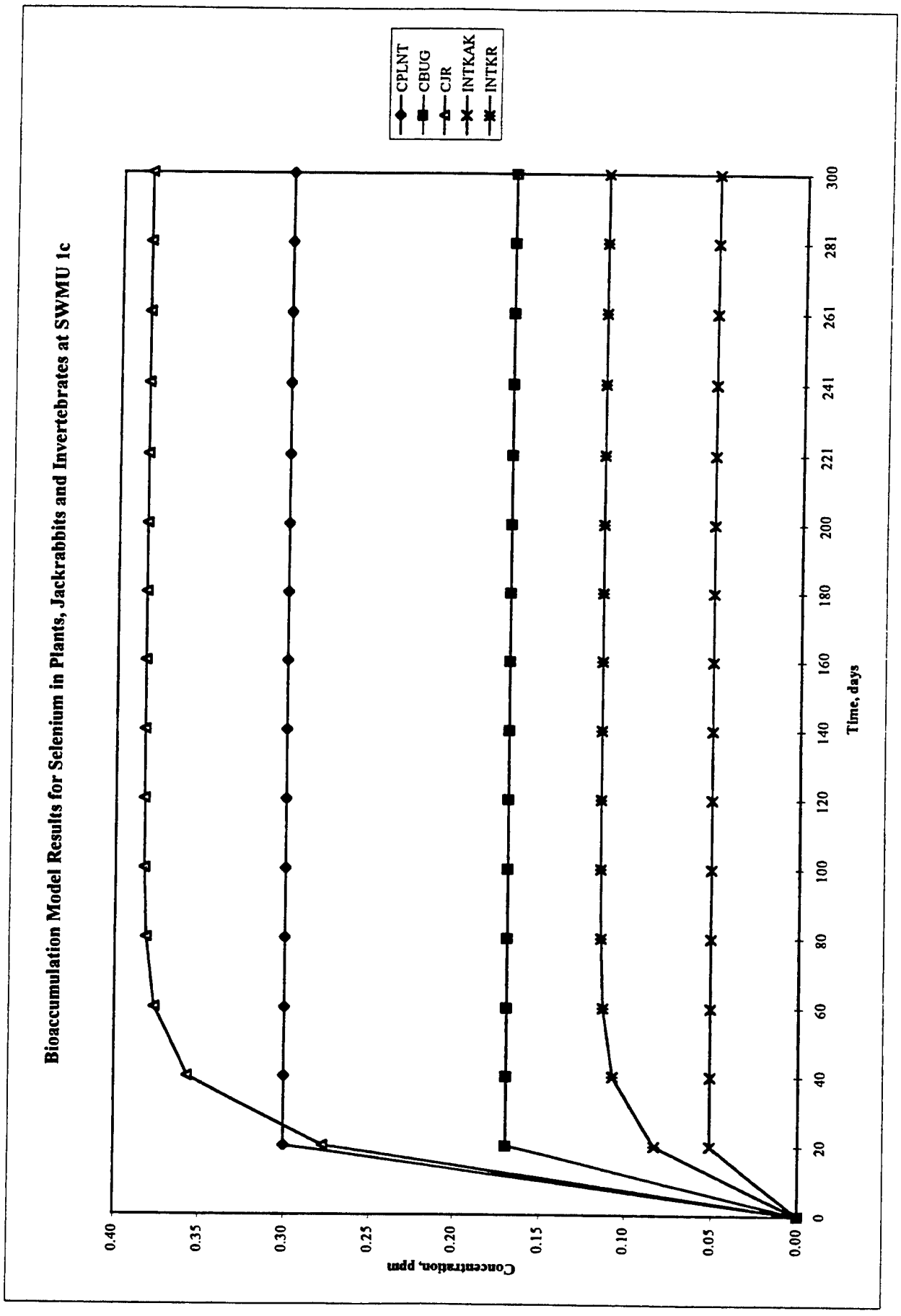

Bioaccumulation Model Results for Barium in Plants, Jackrabbits and Invertebrates at SWMU 37
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0
2
4
6
8
10
12
14
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

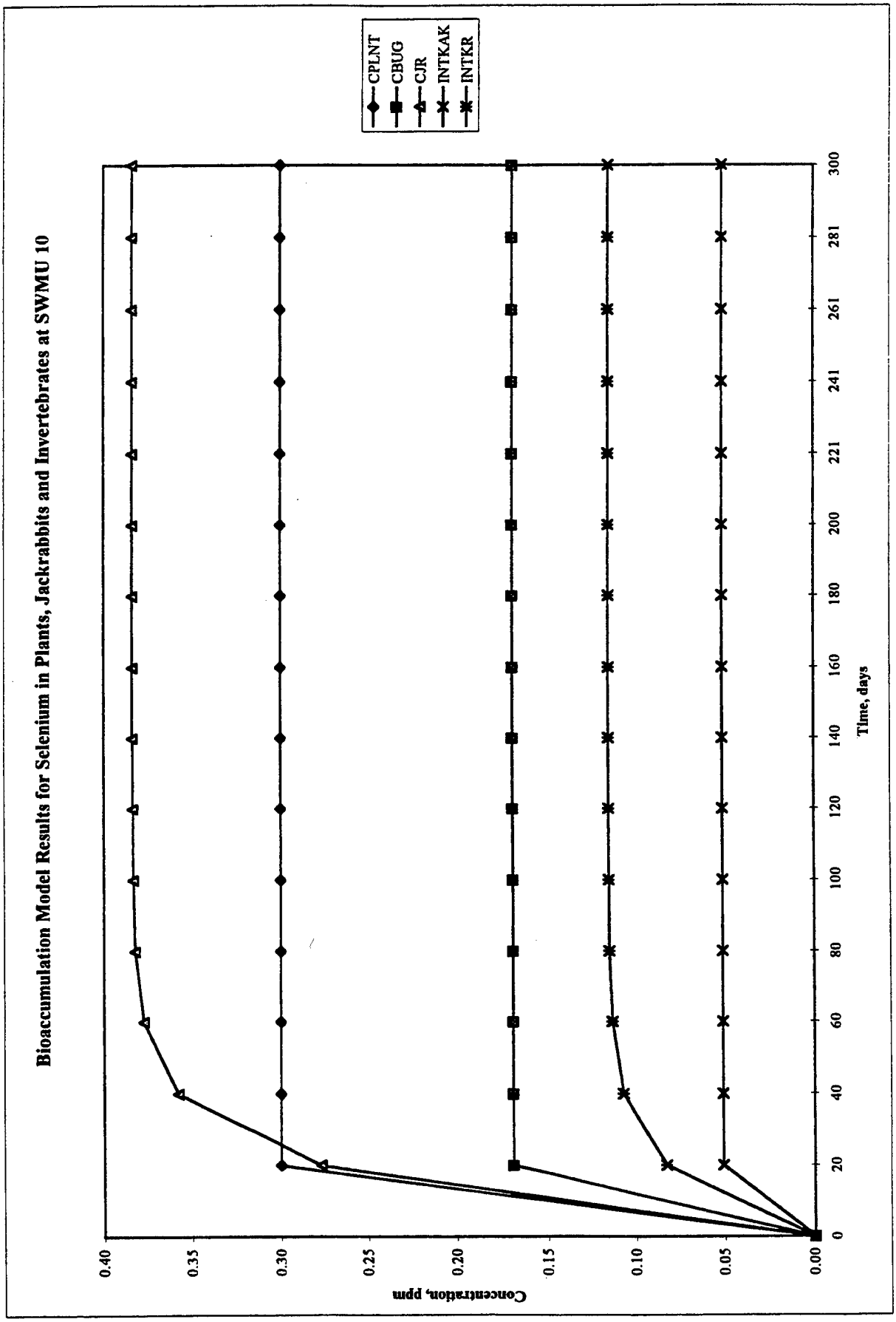

Bioaccumulation Model Results for Barium in Plants, Jackrabbits and Invertebrates at SWMU 42
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0
10
20
30
40
50
60
70
80
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

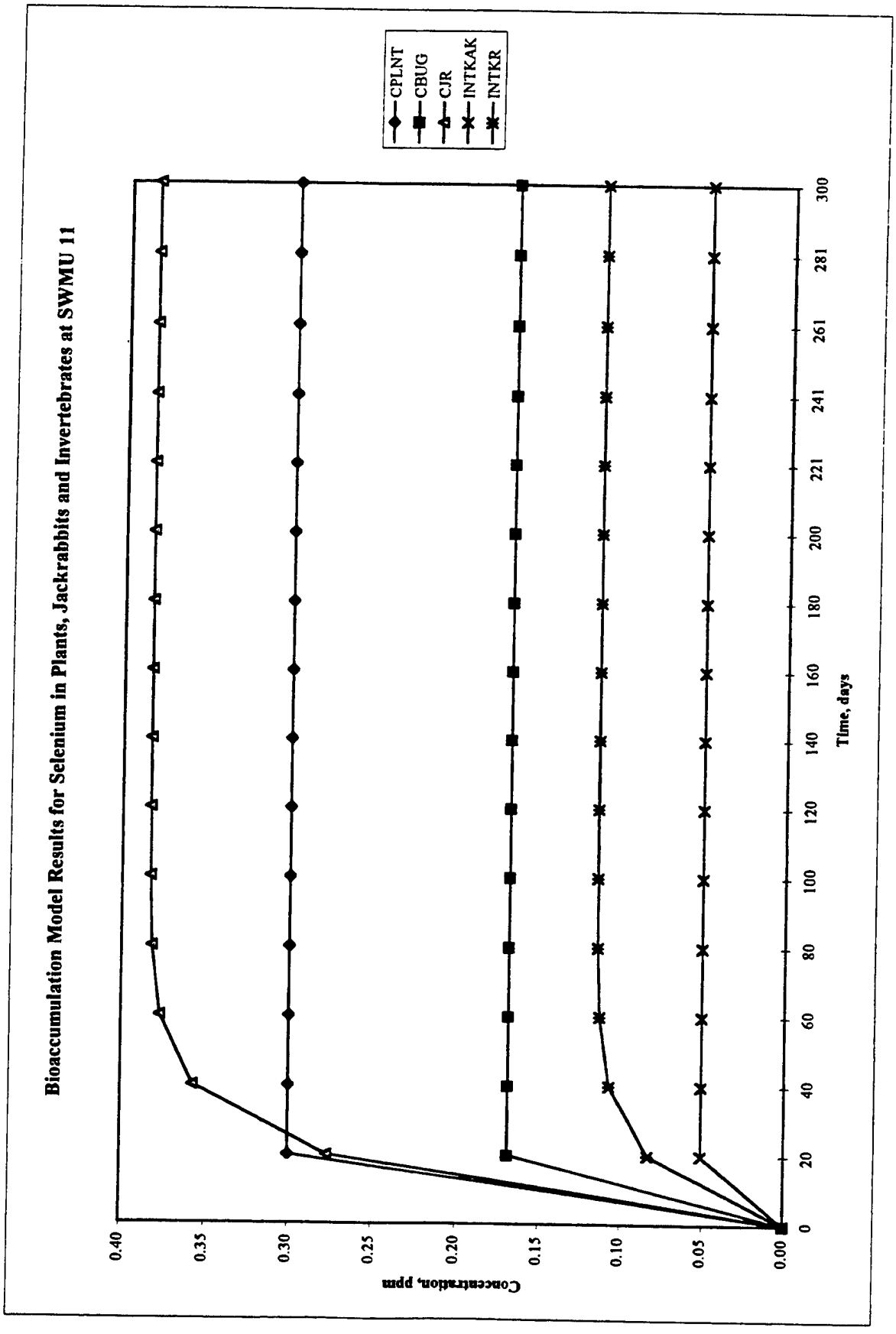

Bioaccumulation Model Results for Barium in Plants, Jackrabbits and Invertebrates at SWMU 45
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0
5
10
15
20
25
30
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

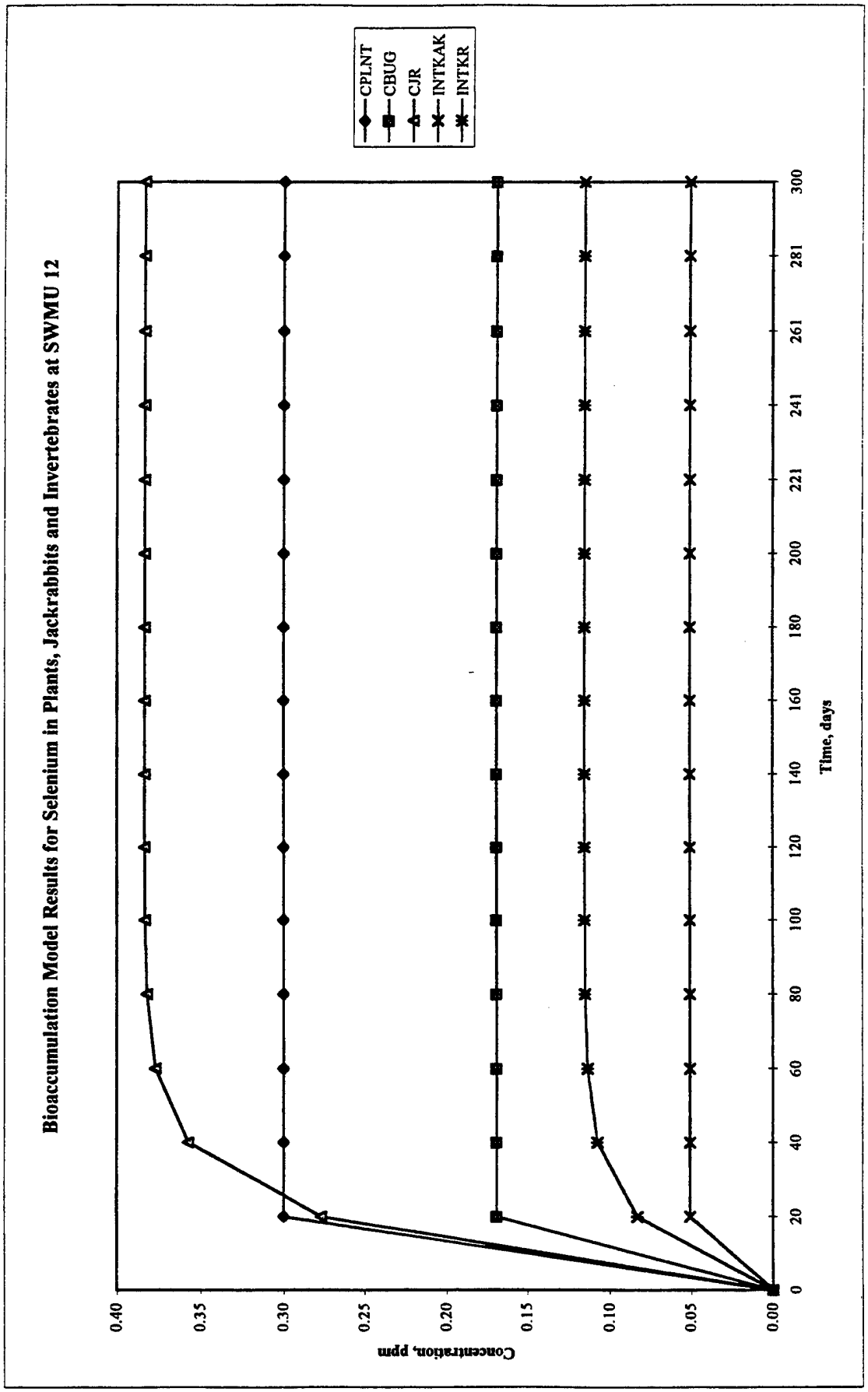

Bioaccumulation Model Results for Barium in
Plants, Jackrabbits and Invertebrates at the RSA
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
Time, days
0
2
4
6
8
10
12
14
16
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

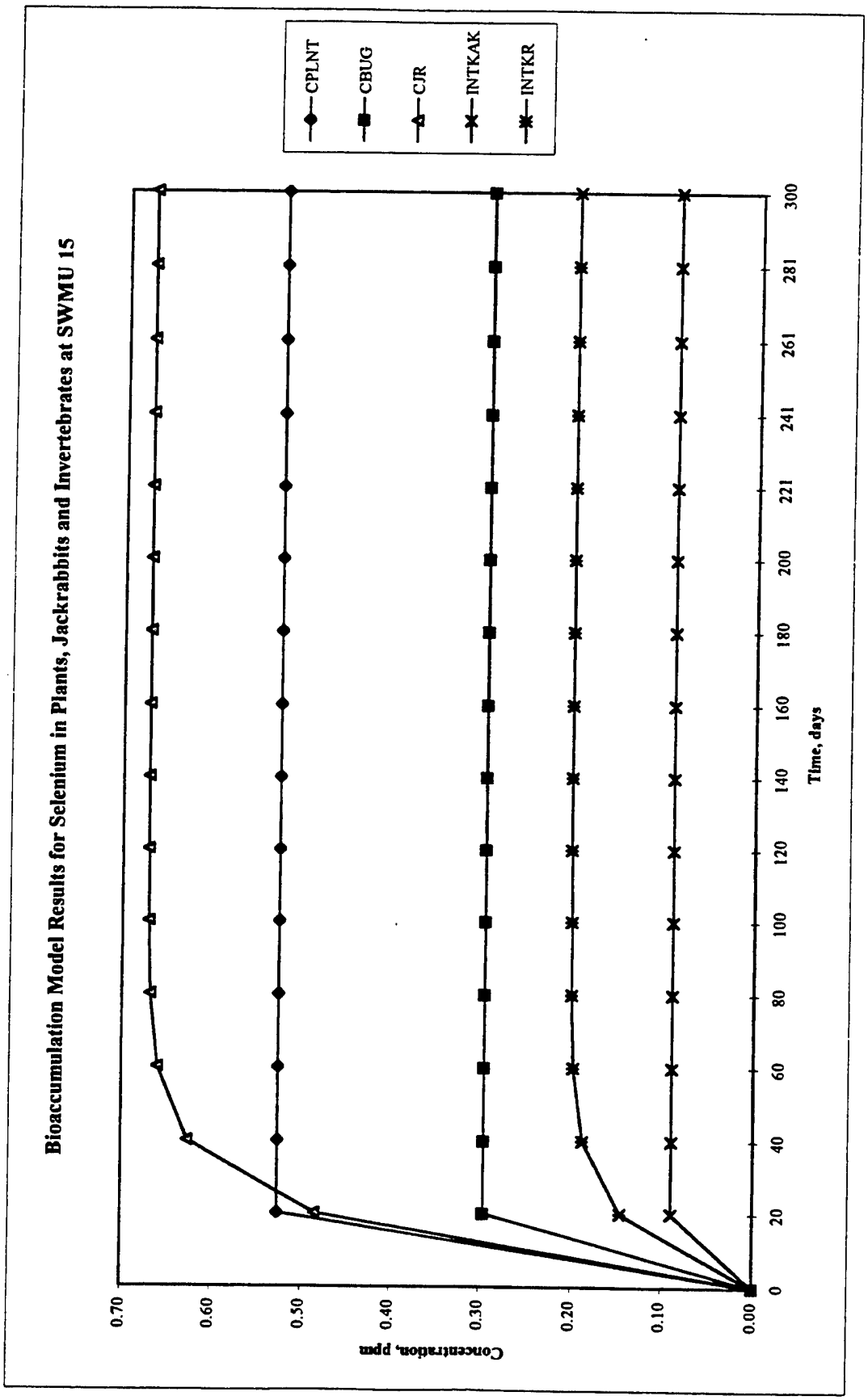

Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 1b
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

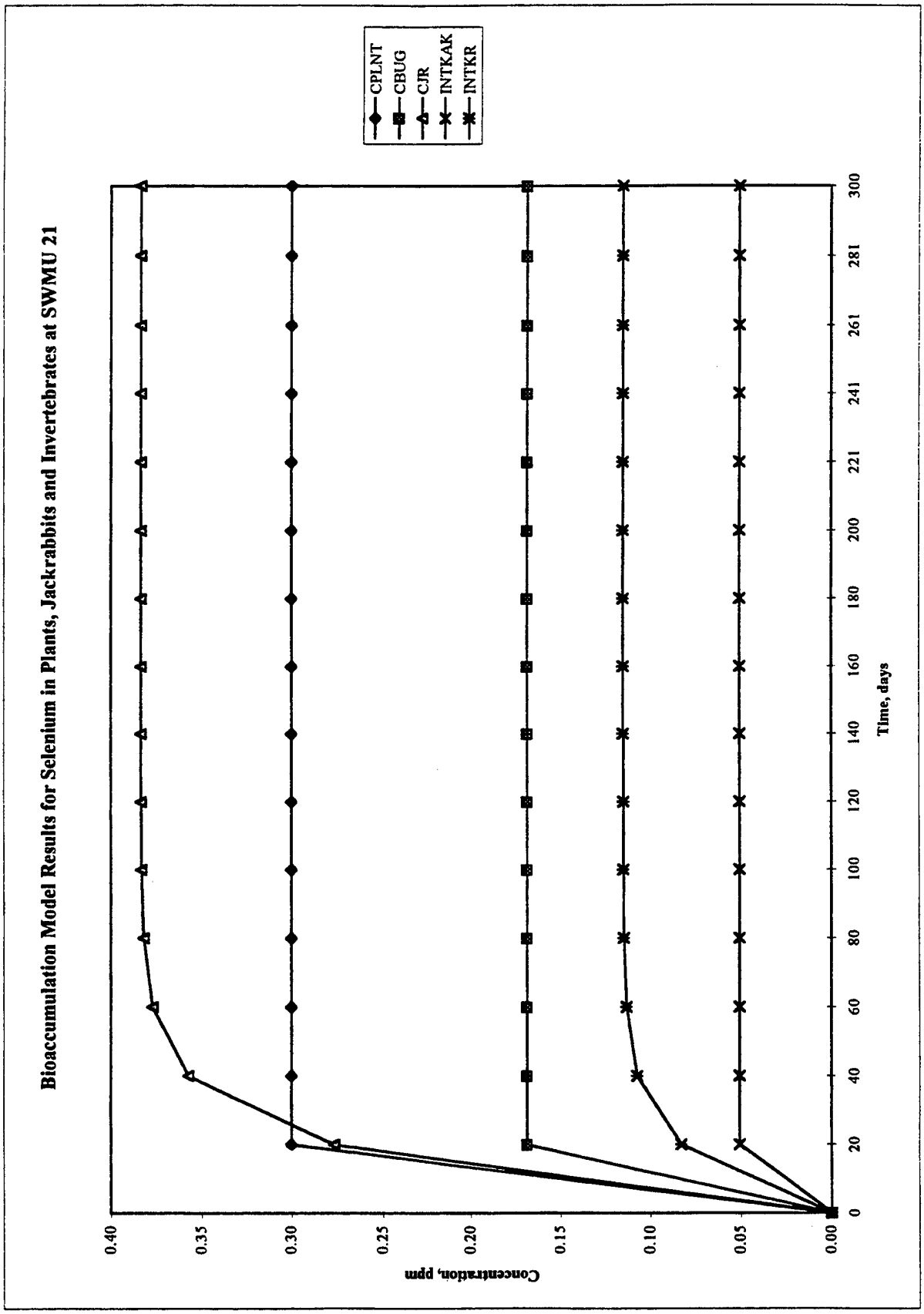

Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 1c
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

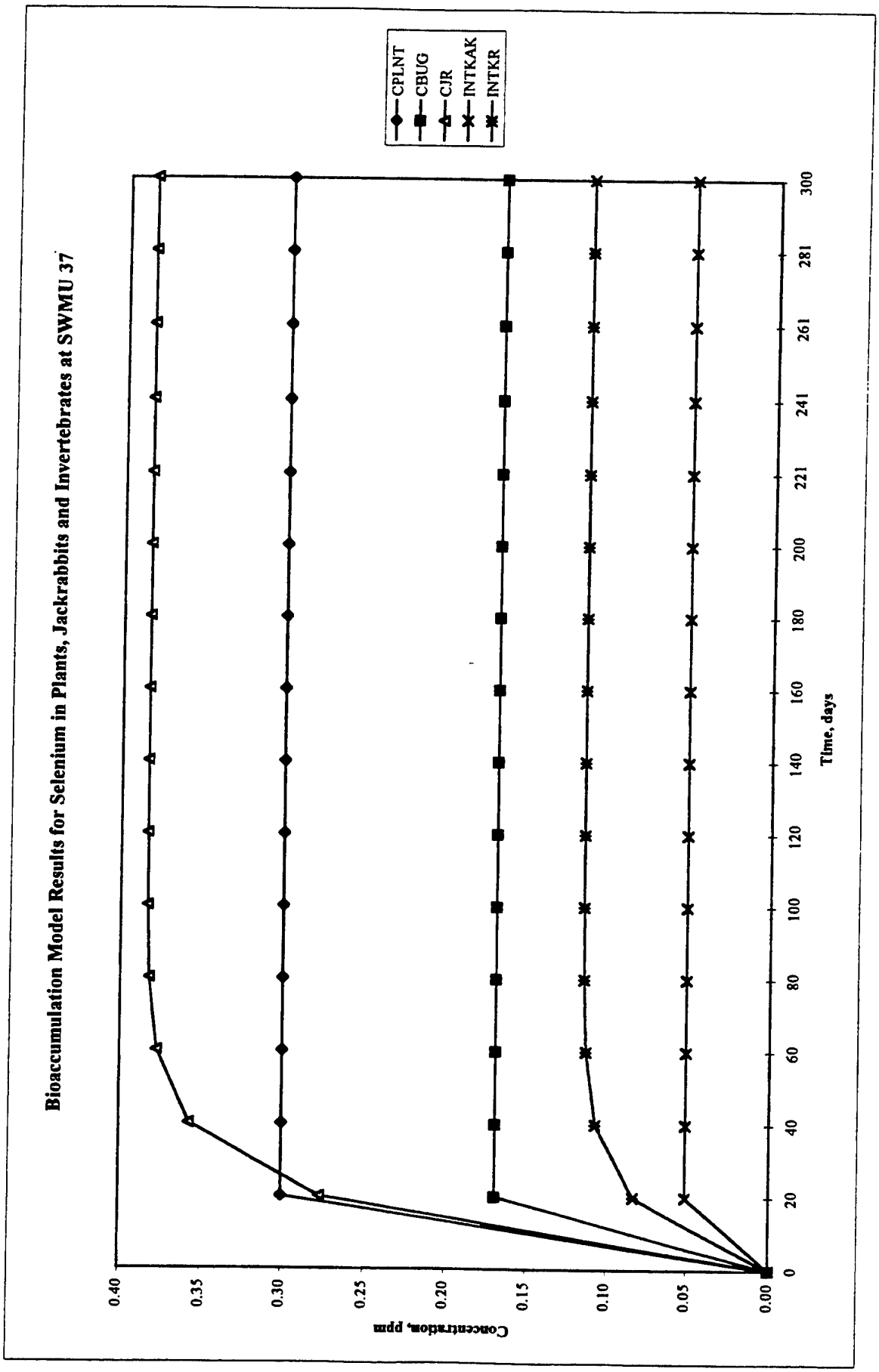

Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 10
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

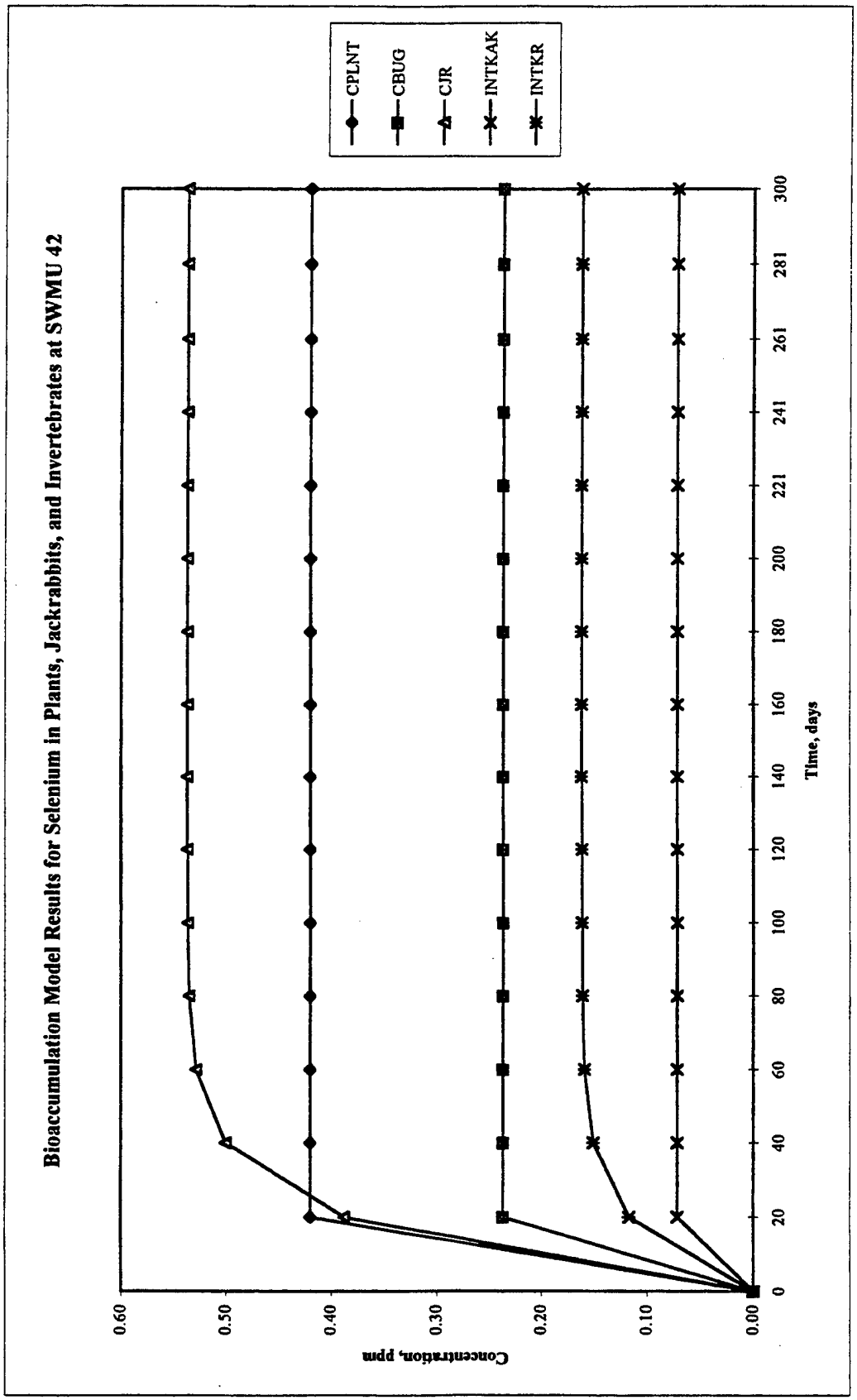

Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 11
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

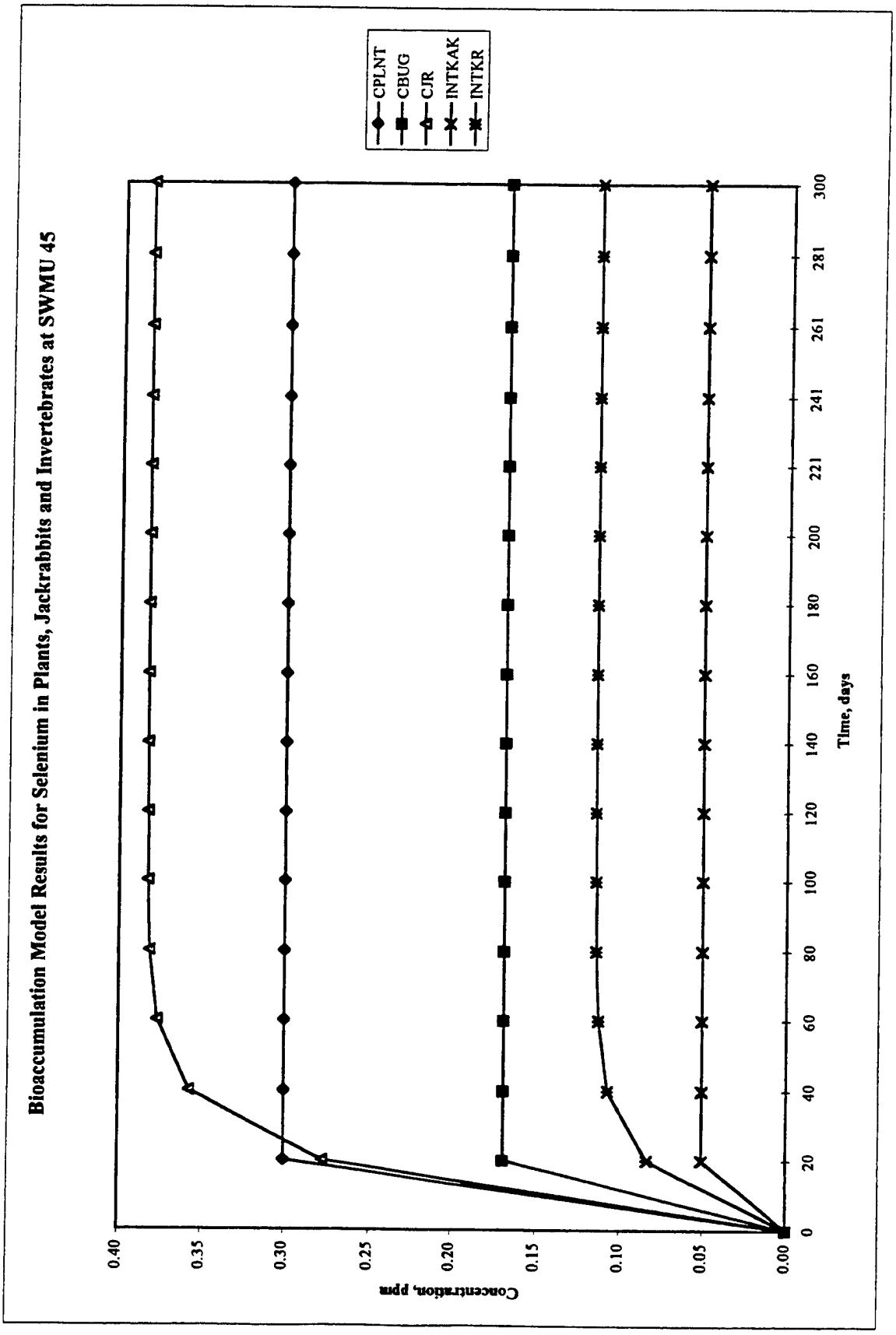

Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 12
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300
Time, days

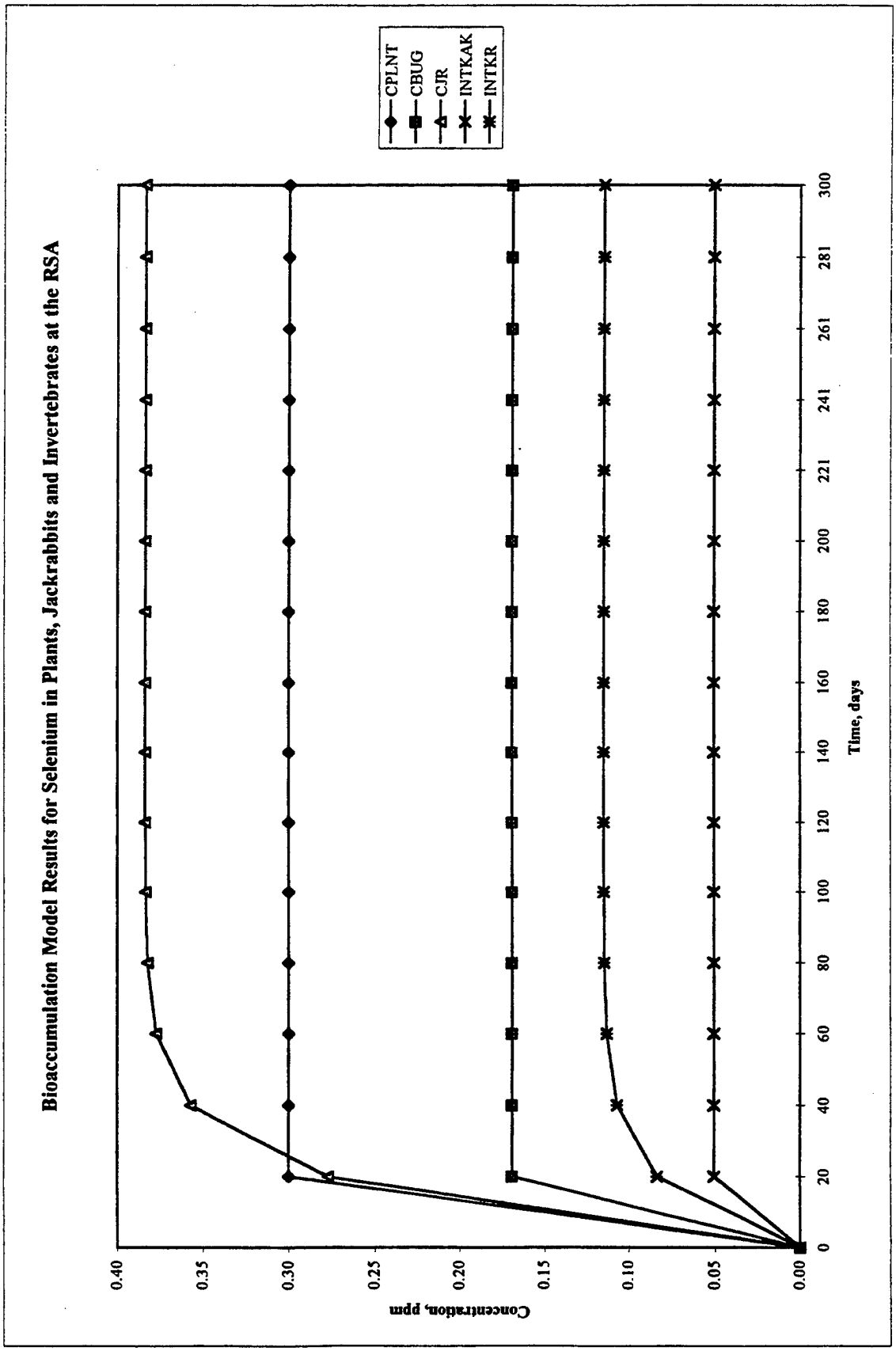

Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 15
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0.00
0.10
0.20
0.30
0.40
0.50
0.60
0.70
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

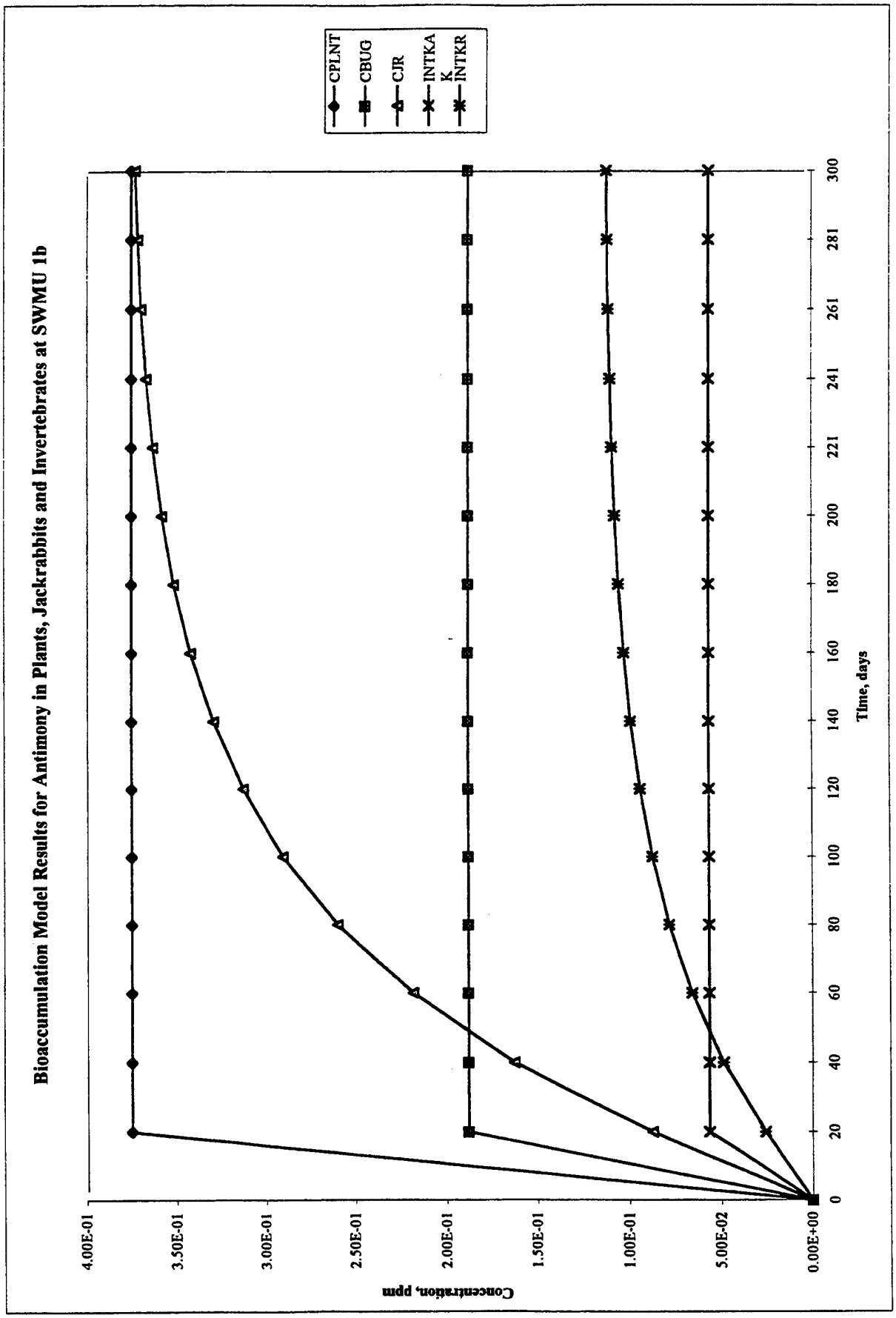

Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 21
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300
Time, days

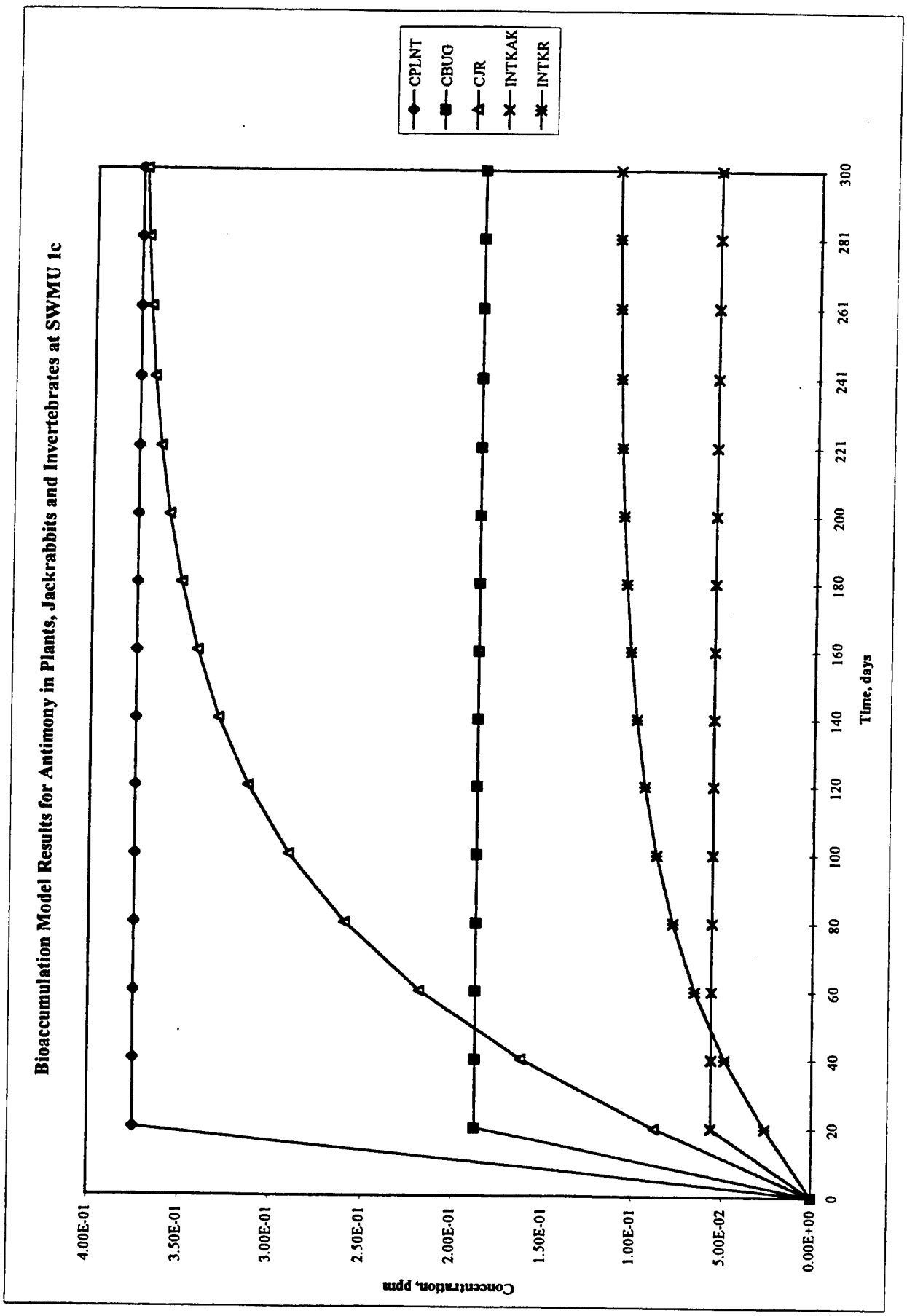

Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 37
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300
Time, days

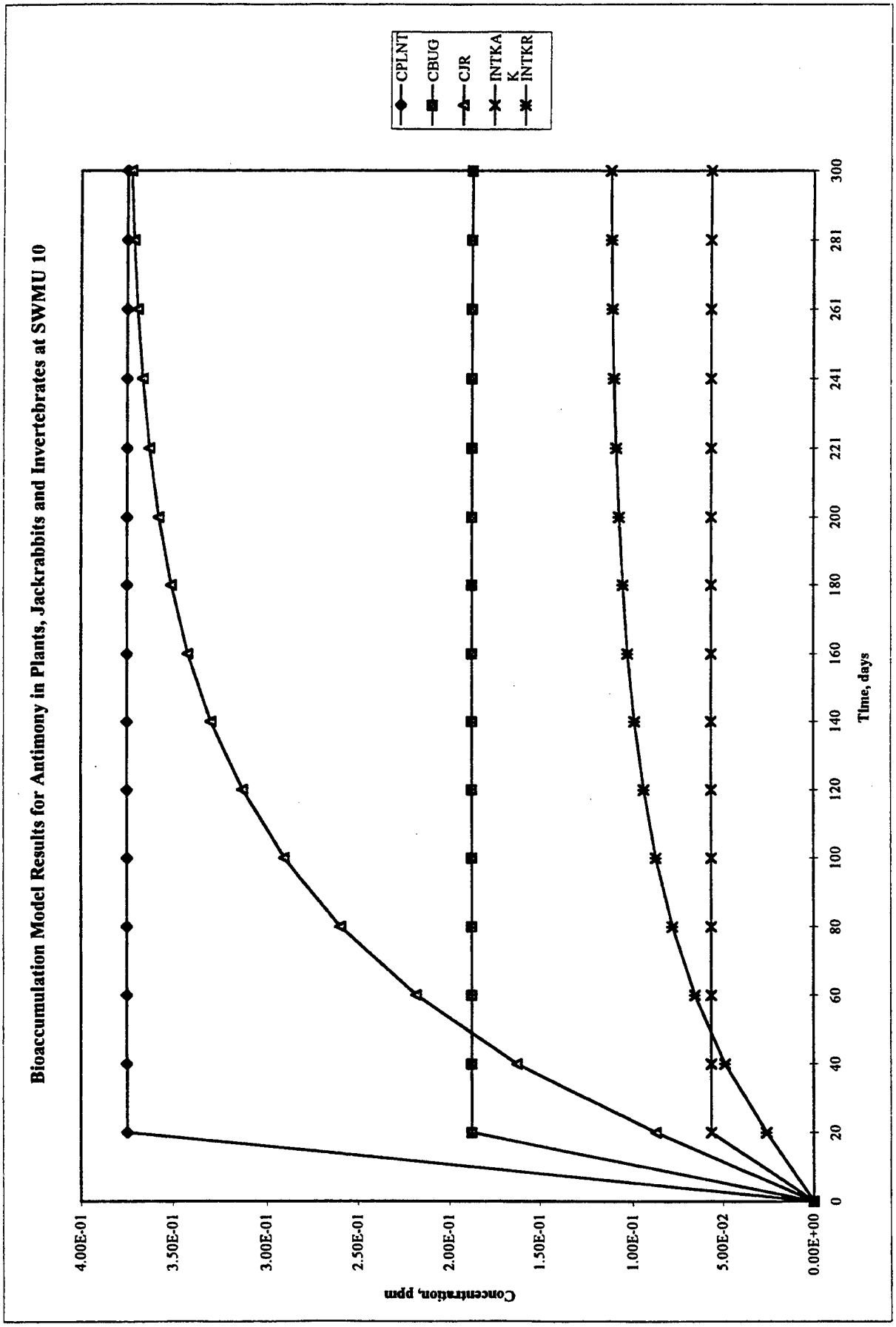

Bioaccumulation Model Results for Selenium in Plants, Jackrabbits, and Invertebrates at SWMU 42
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0.00
0.10
0.20
0.30
0.40
0.50
0.60
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

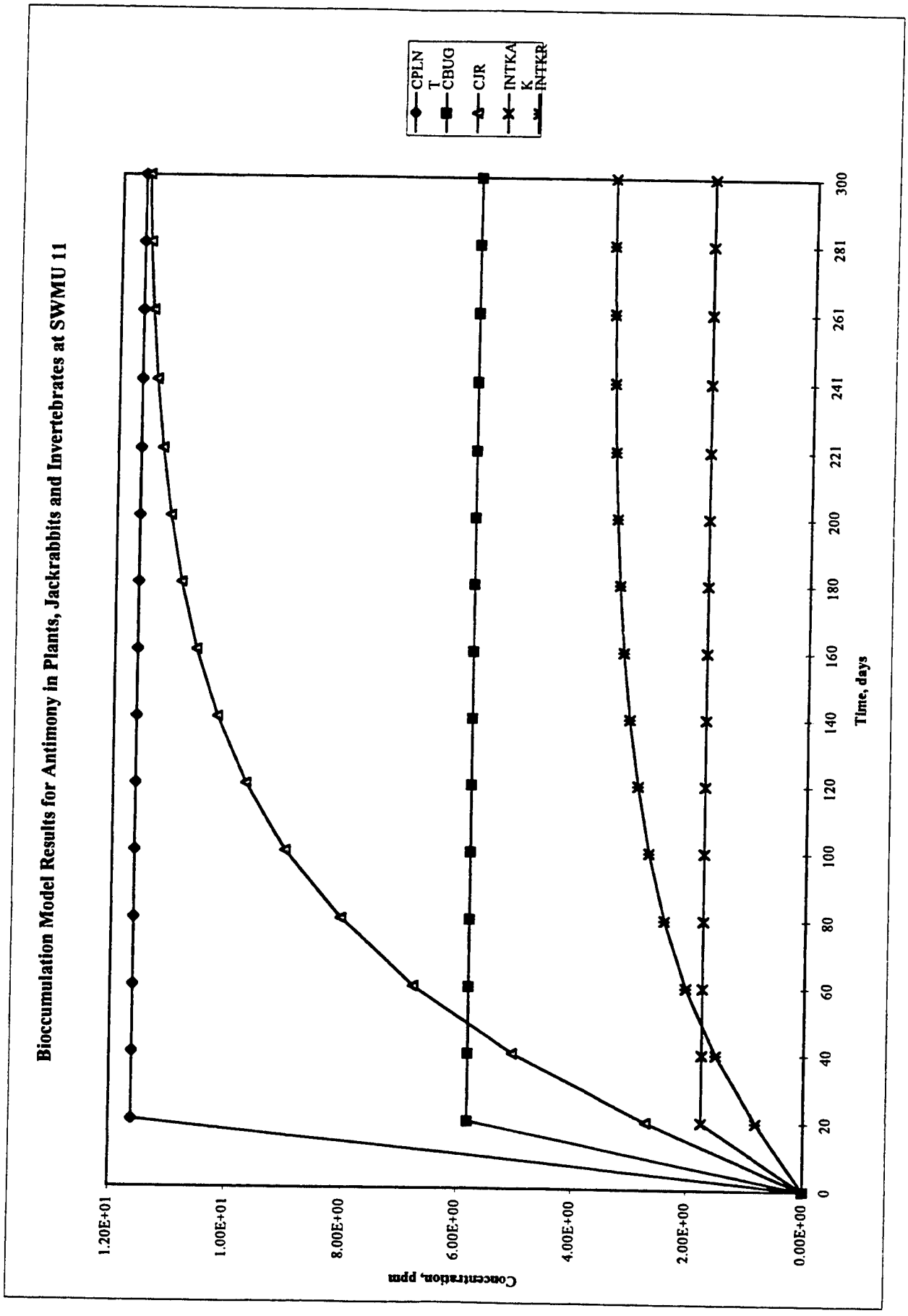

Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 45
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

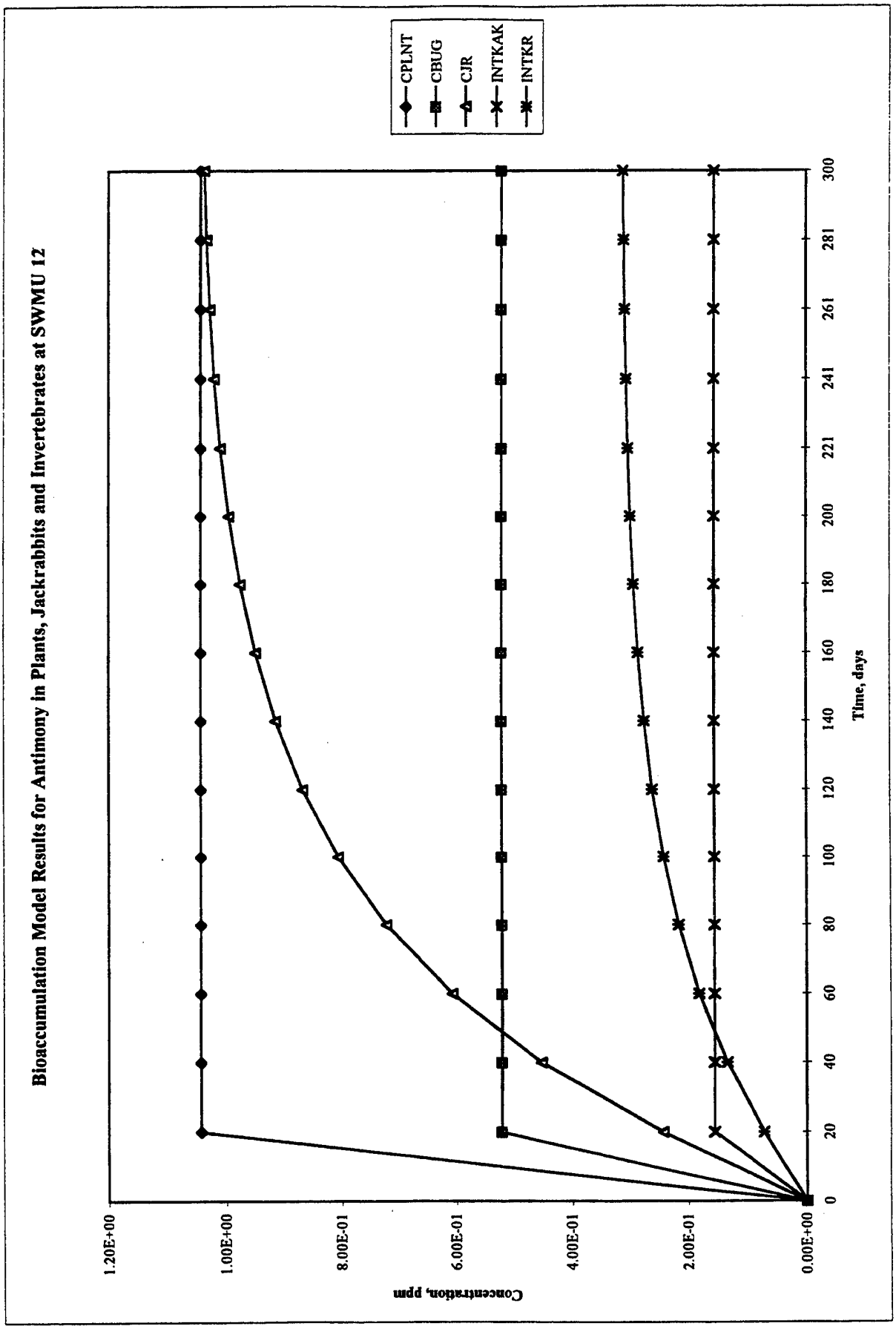

Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at the RSA
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300
Time, days

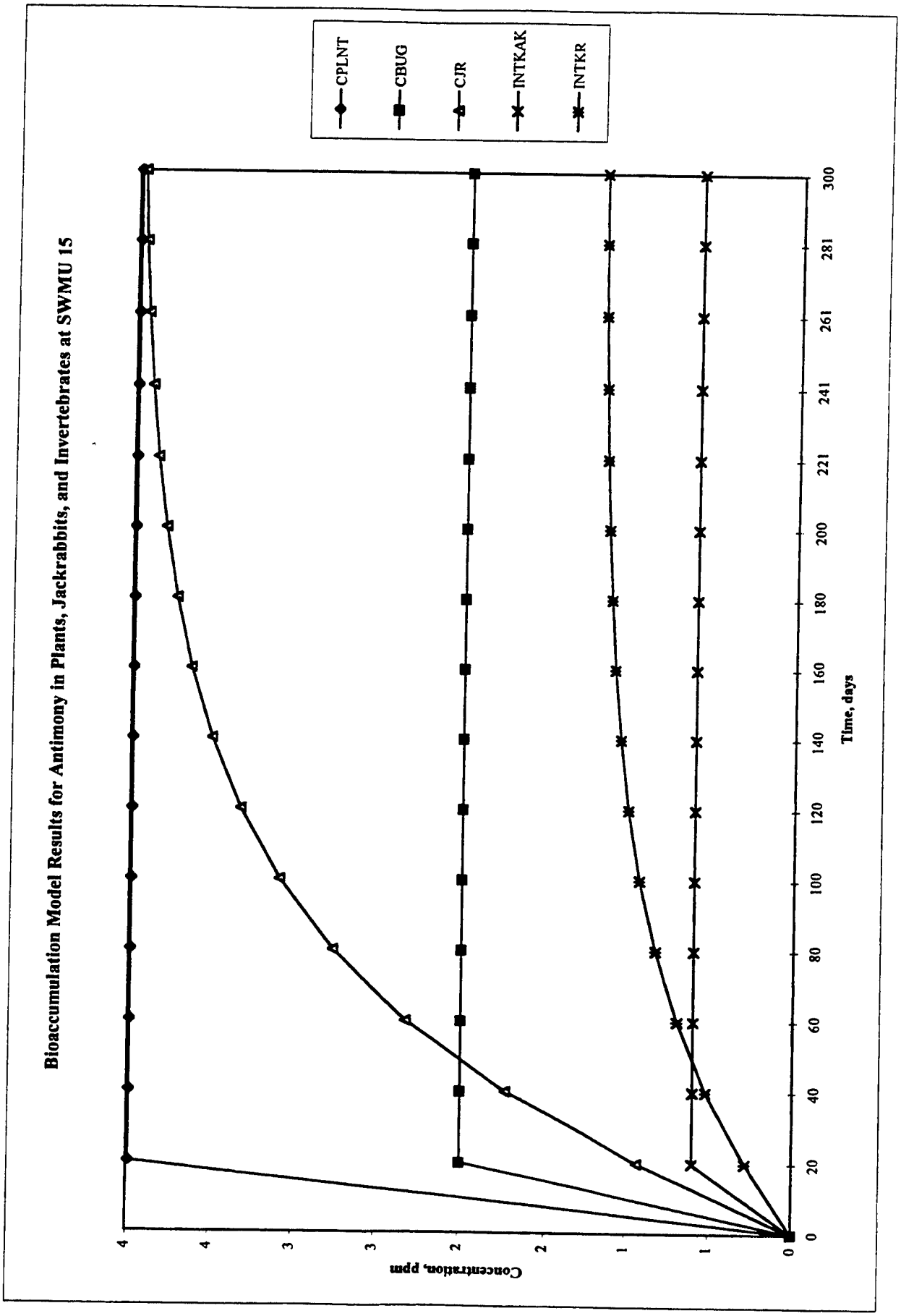

Bioaccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 1b
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
4.00E-01
3.50E-01
3.00E-01
2.50E-01
2.00E-01
1.50E-01
1.00E-01
5.00E-02
0.00E+00
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

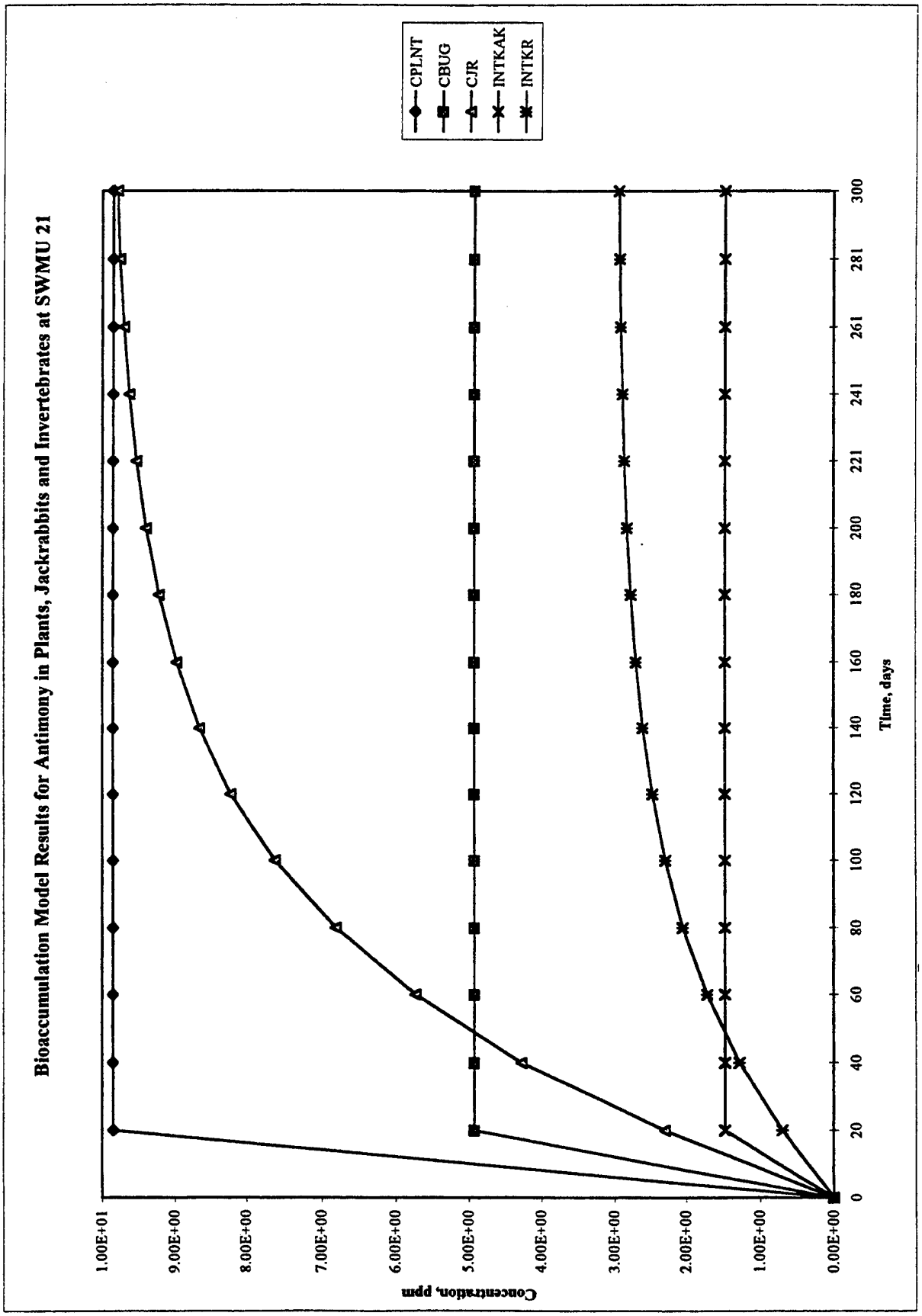

Bioaccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 1c
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
4.00E-01
3.50E-01
3.00E-01
2.50E-01
2.00E-01
1.50E-01
1.00E-01
5.00E-02
0.00E+00
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

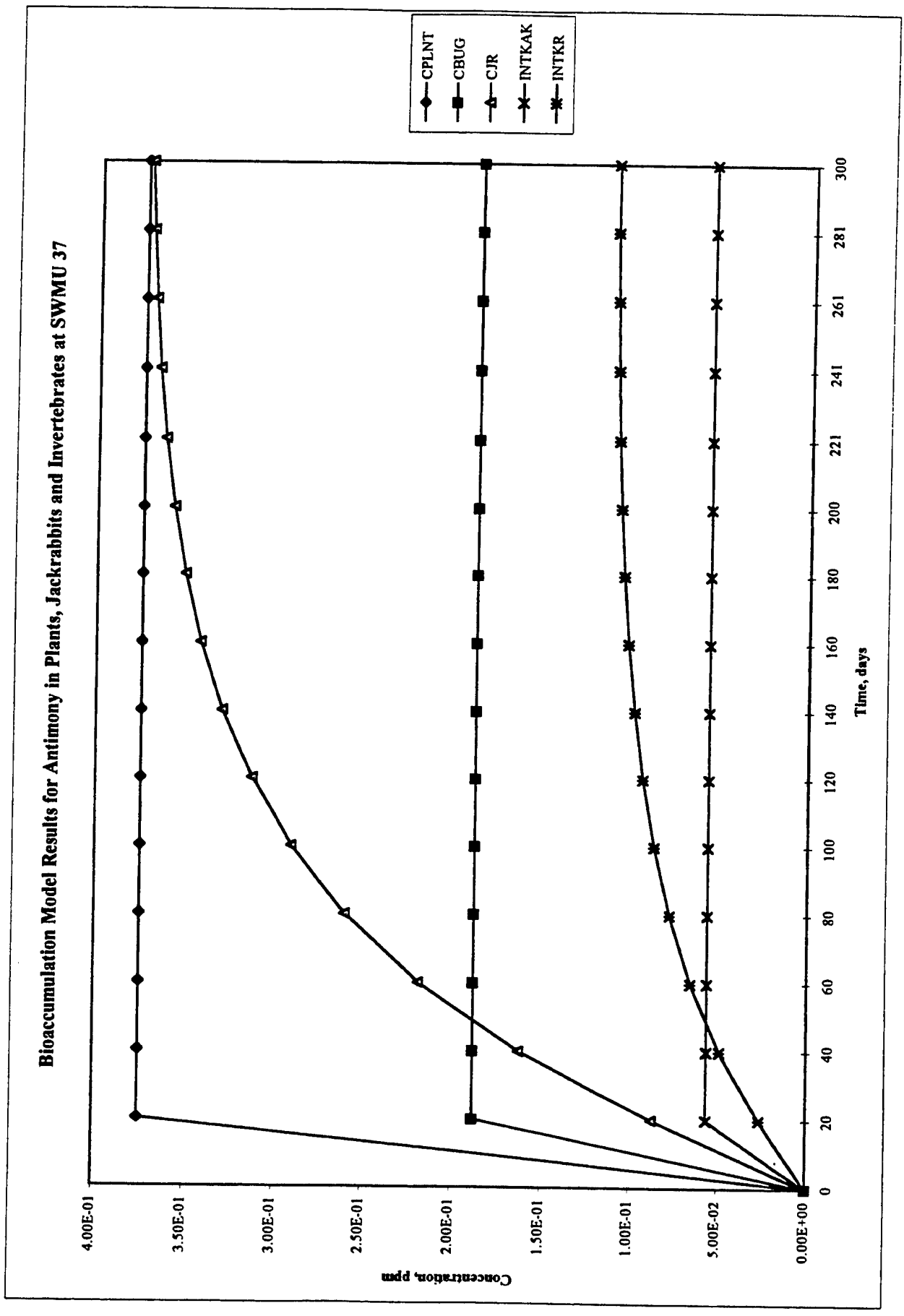

Bioaccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 10
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
4.00E-01
3.50E-01
3.00E-01
2.50E-01
2.00E-01
1.50E-01
1.00E-01
5.00E-02
0.00E+00
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300
Time, days

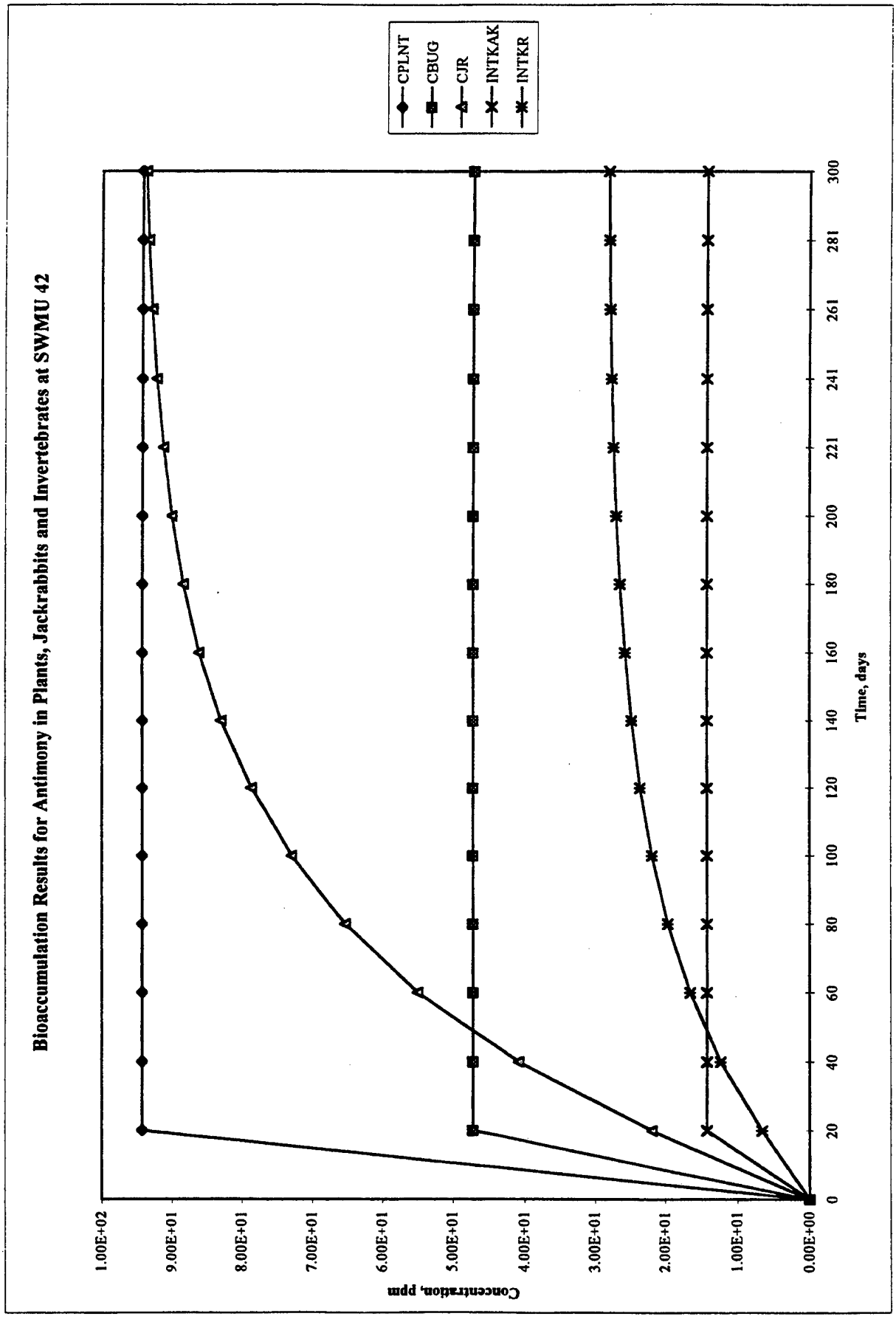

Bioccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 11
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
1.20E+01
1.00E+01
8.00E+00
6.00E+00
4.00E+00
2.00E+00
0.00E+00
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

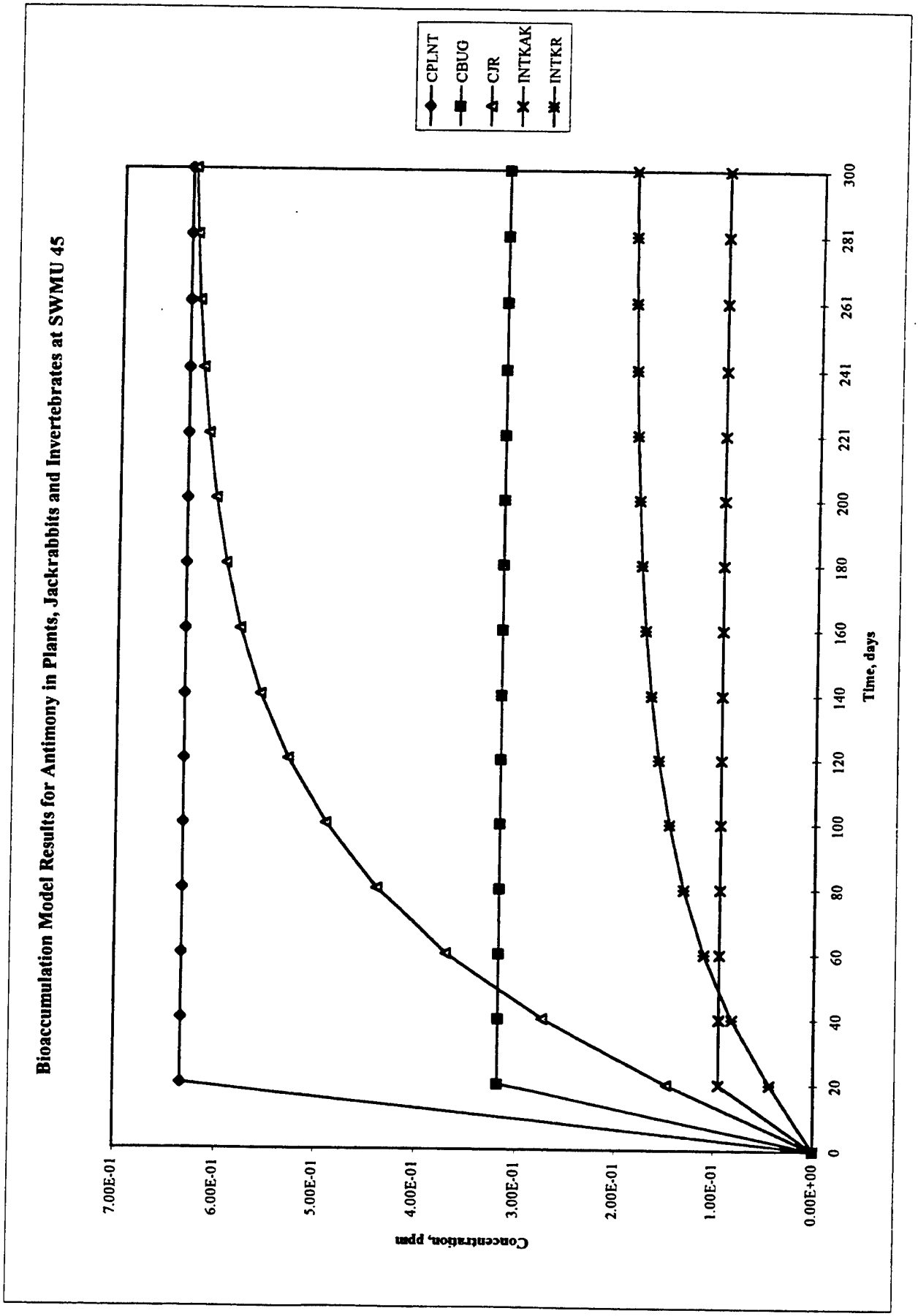

Bioaccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 12
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
1.20E+00
1.00E+00
8.00E-01
6.00E-01
4.00E-01
2.00E-01
0.00E+00
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

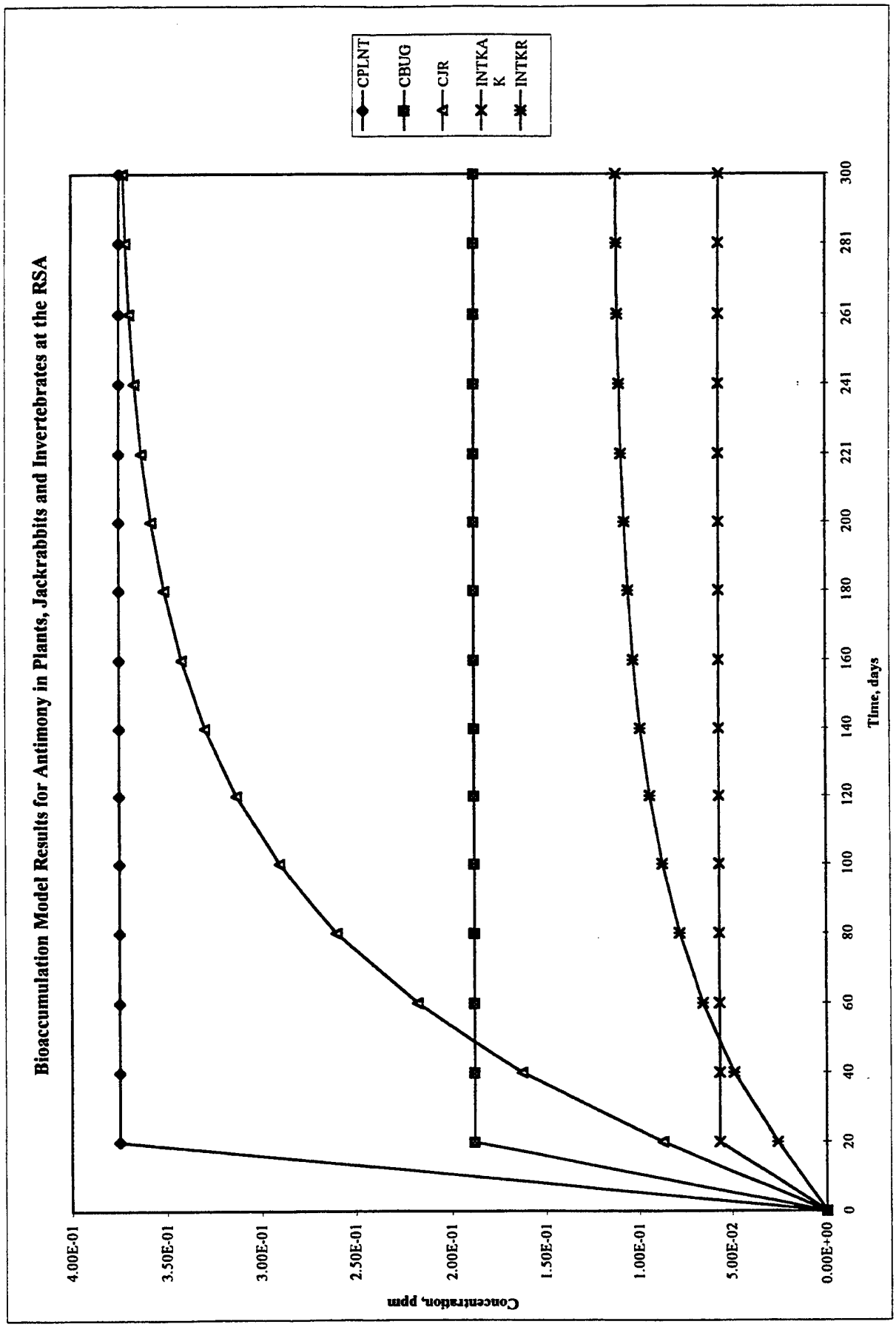

Bioaccumulation Model Results for Antimony in Plants, Jackrabbits, and Invertebrates at SWMU 15
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300
1
2
3
4

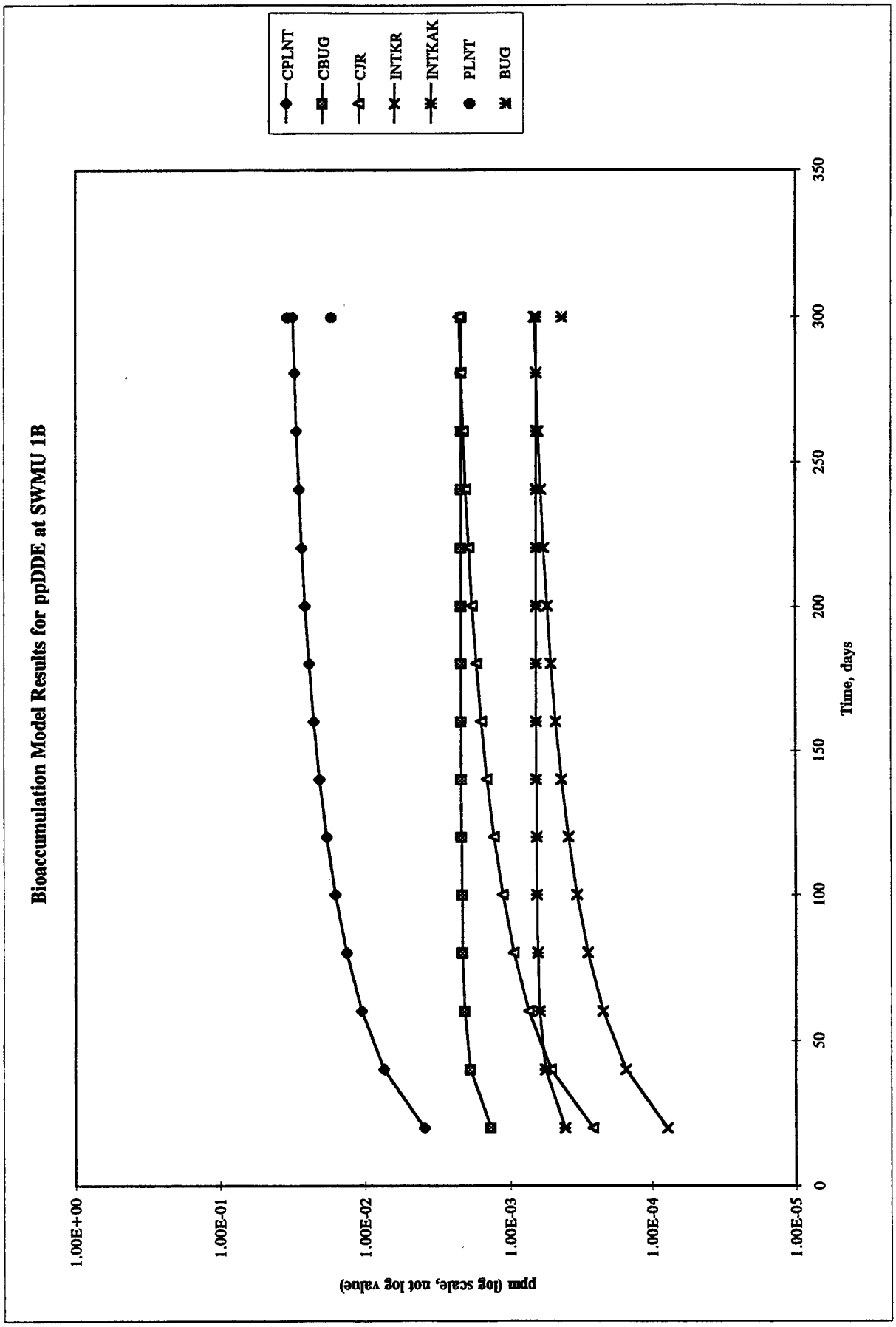

Bioaccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 21
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
1.00E+01
9.00E+00
8.00E+00
7.00E+00
6.00E+00
5.00E+00
4.00E+00
3.00E+00
2.00E+00
1.00E+00
0.00E+00
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300
Time, days

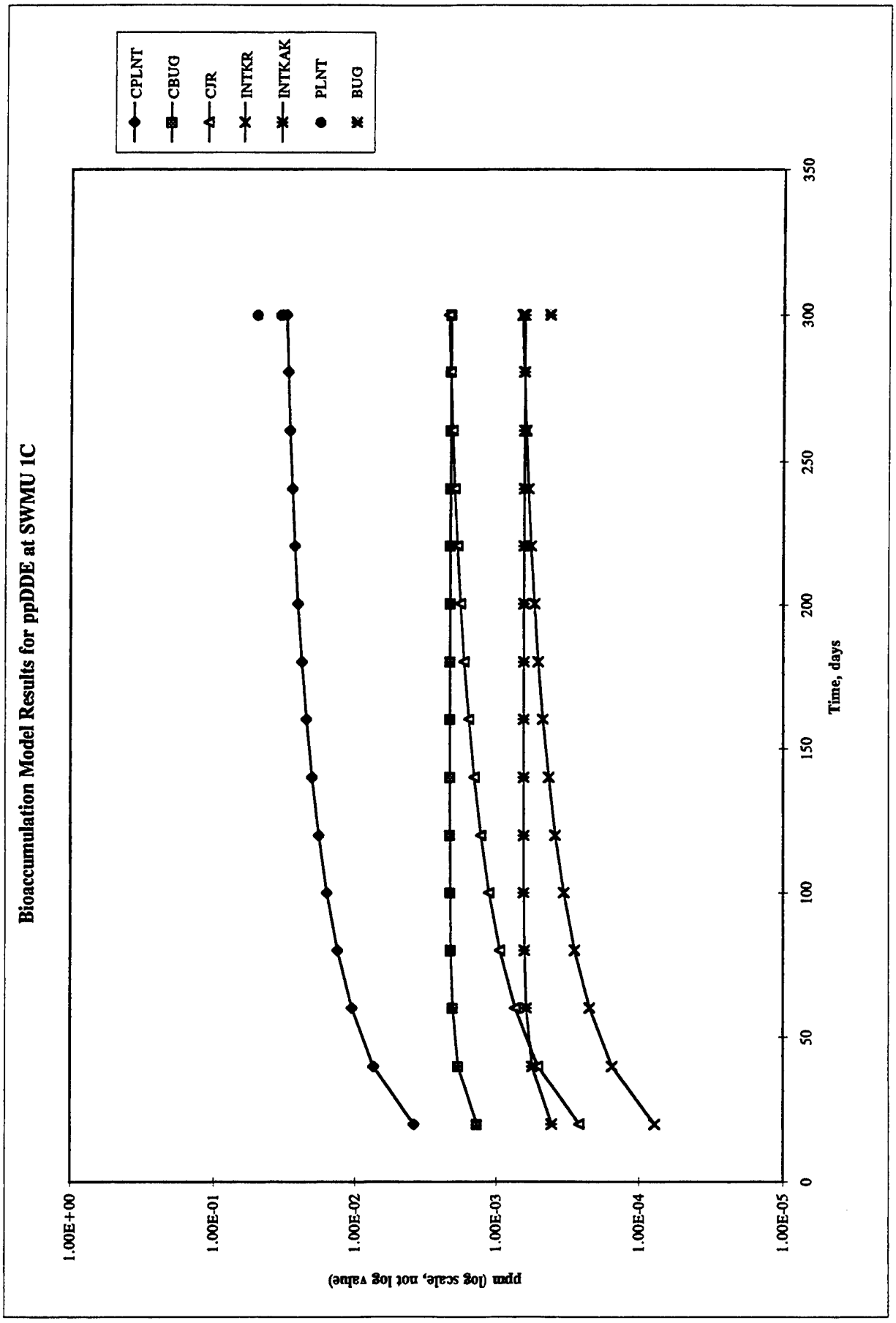

Bioaccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 37
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
4.00E-01
3.50E-01
3.00E-01
2.50E-01
2.00E-01
1.50E-01
1.00E-01
5.00E-02
0.00E+00
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

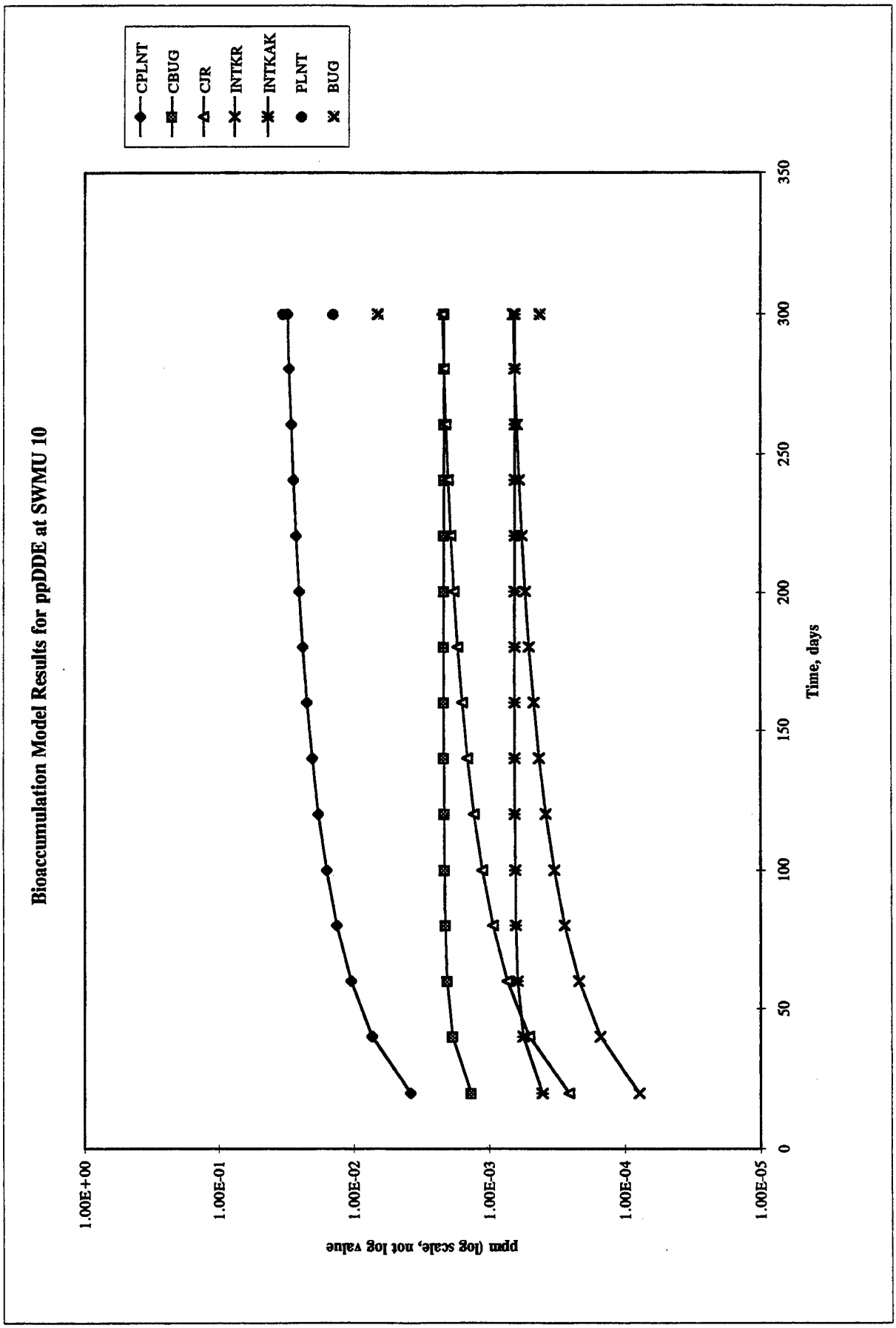

Bioaccumulation Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 42
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
1.00E+02
9.00E+01
8.00E+01
7.00E+01
6.00E+01
5.00E+01
4.00E+01
3.00E+01
2.00E+01
1.00E+01
0.00E+00
Time, days
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300

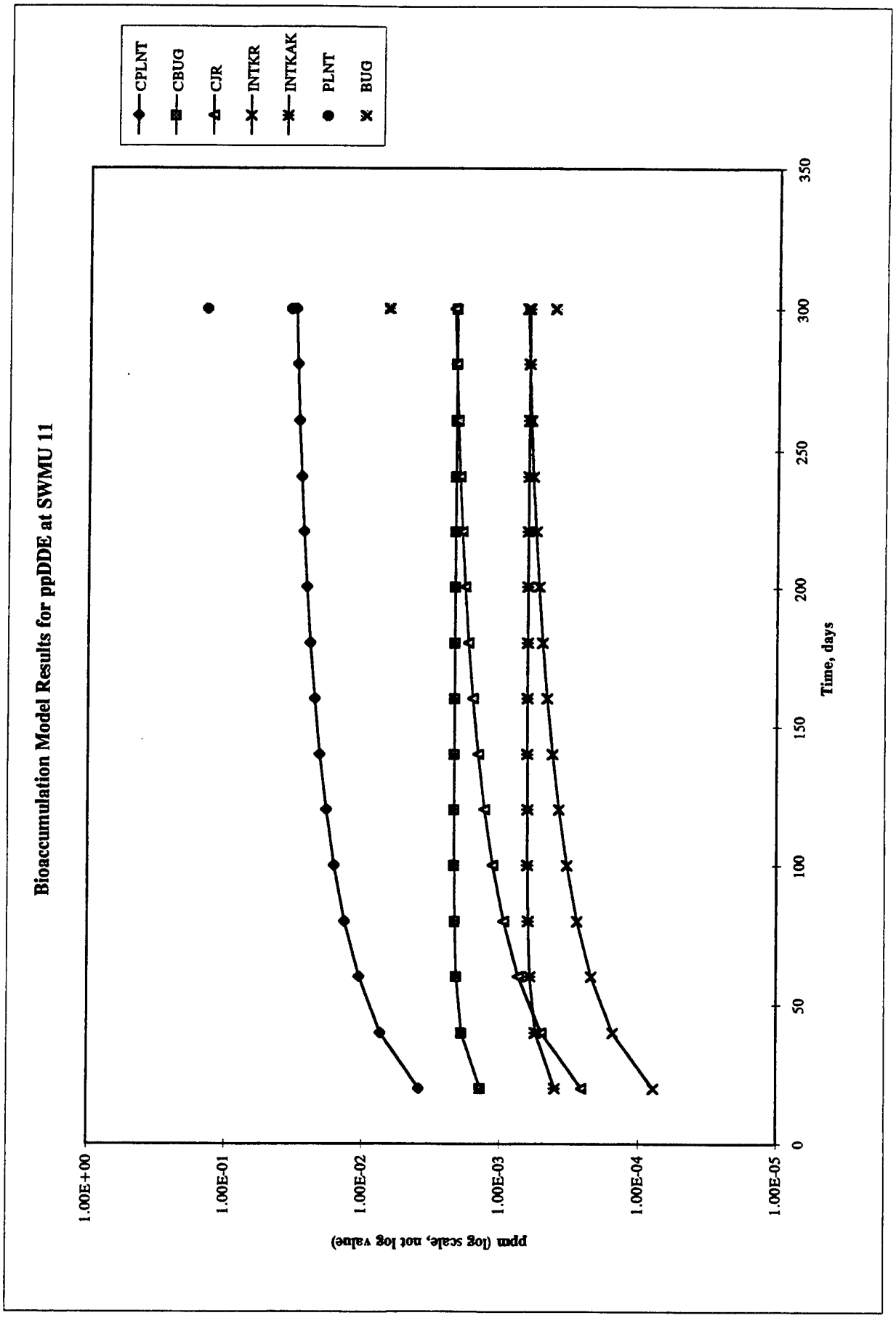

Bioaccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 45
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
7.00E-01
6.00E-01
5.00E-01
4.00E-01
3.00E-01
2.00E-01
1.00E-01
0.00E+00
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300
Time, days

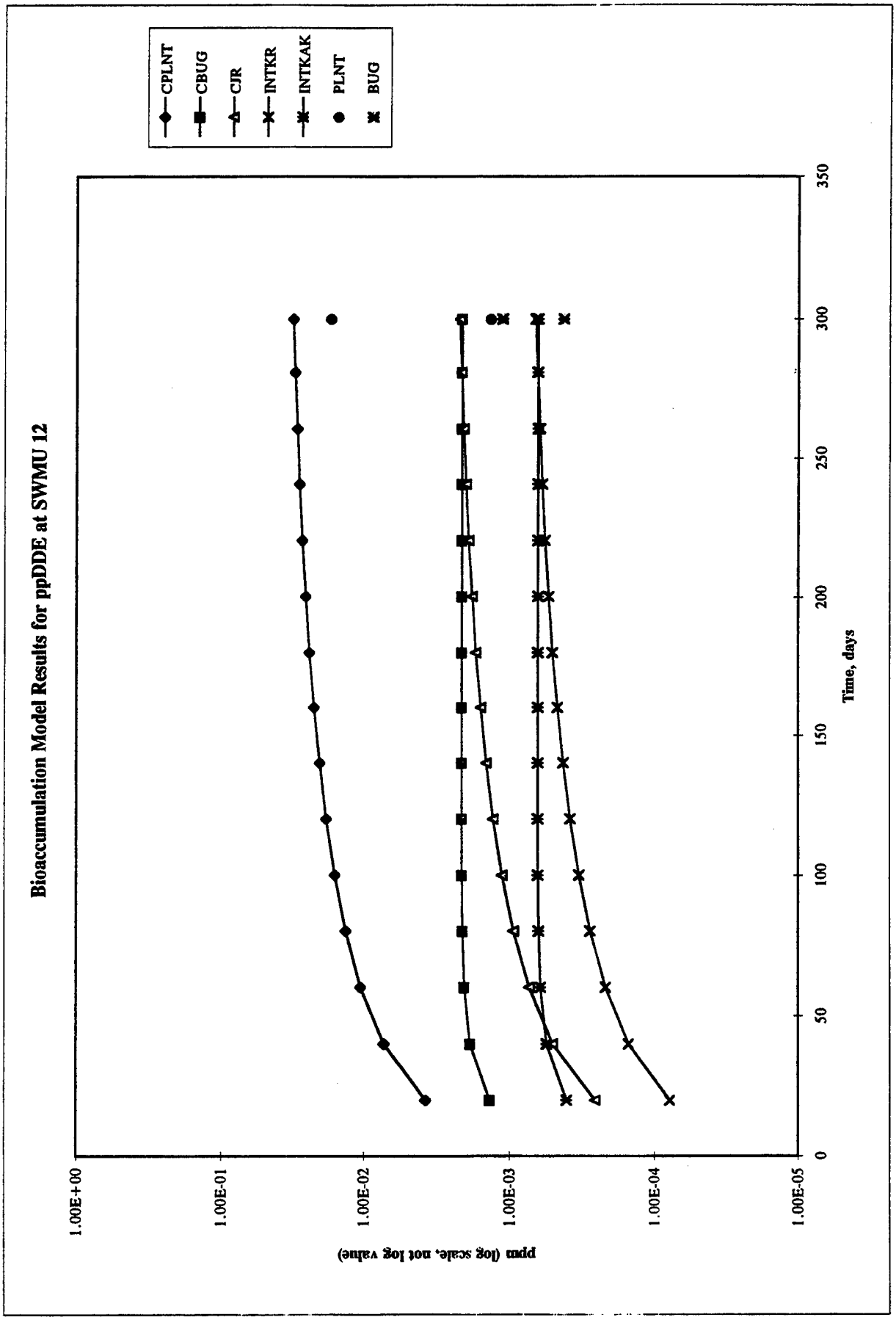

Bioaccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at the RSA
CPLNT
CBUG
CJR
INTKAK
INTKR
Concentration, ppm
4.00E-01
3.50E-01
3.00E-01
2.50E-01
2.00E-01
1.50E-01
1.00E-01
5.00E-02
0.00E+00
0
20
40
60
80
100
120
140
160
180
200
221
241
261
281
300
Time, days

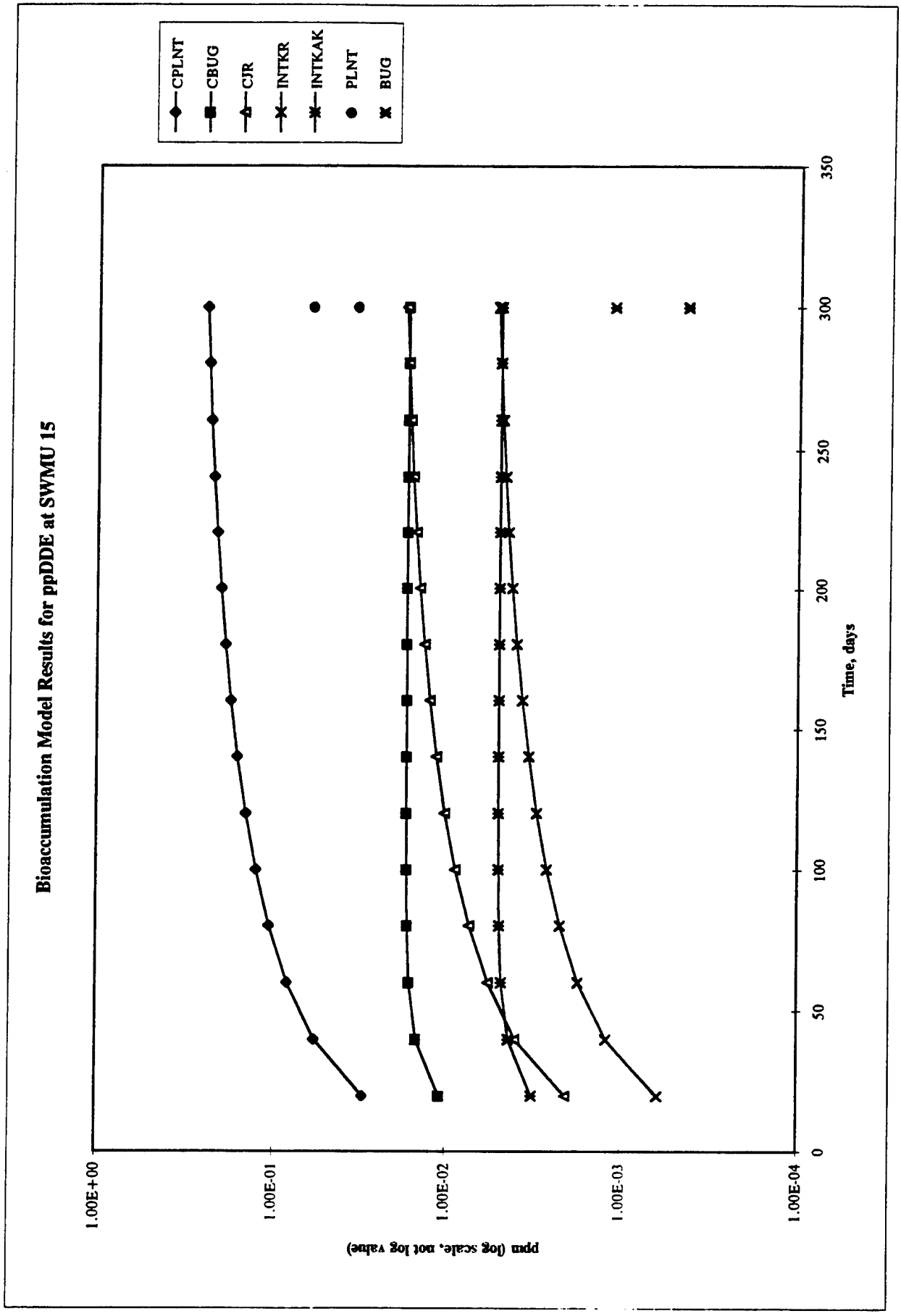

Bioaccumulation Model Results for ppDDE at SWMU 1B
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
0
50
100
150
200
250
300
350
Time, days

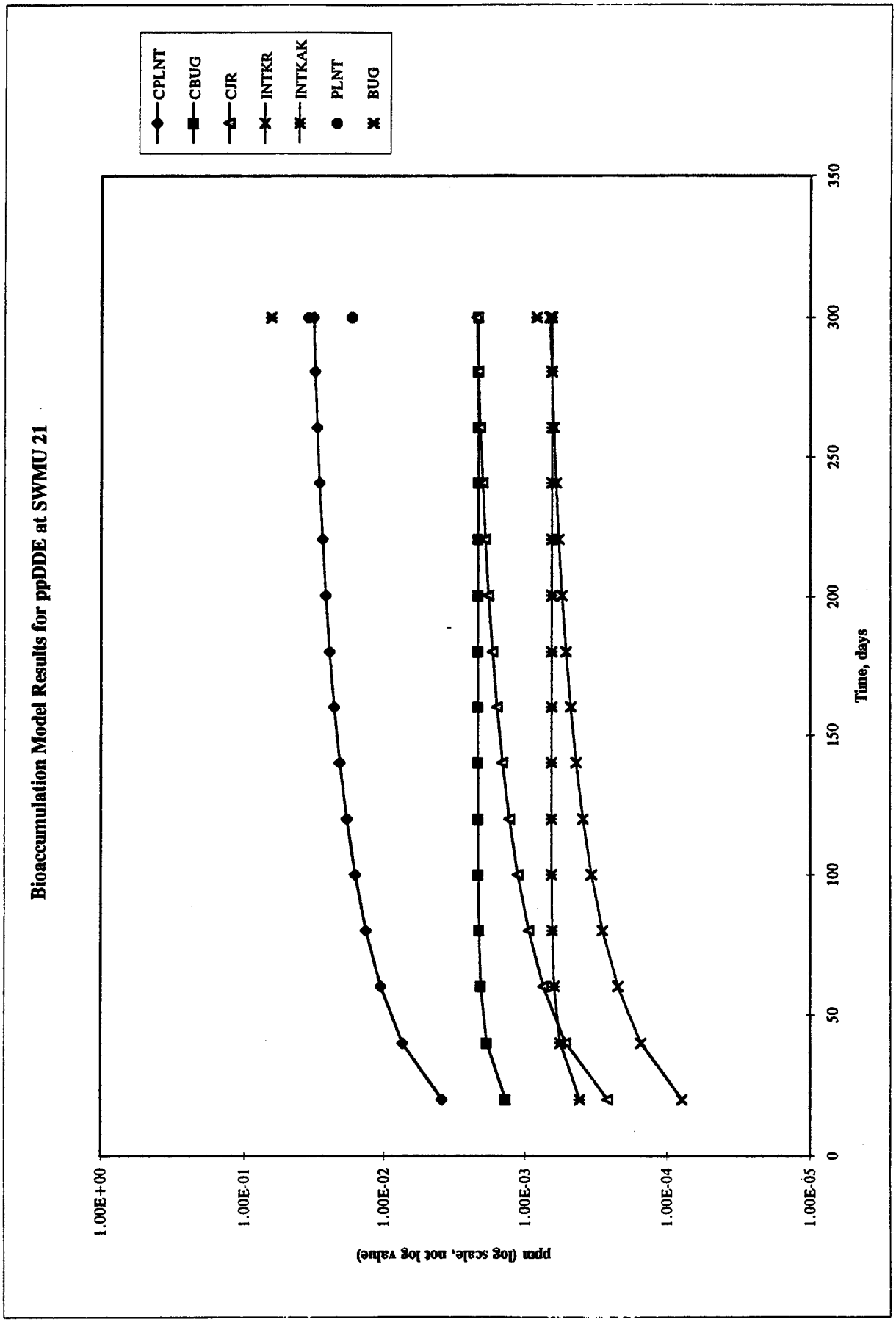

Bioaccumulation Model Results for ppDDE at SWMU 1C
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
0
50
100
150
200
250
300
350
Time, days

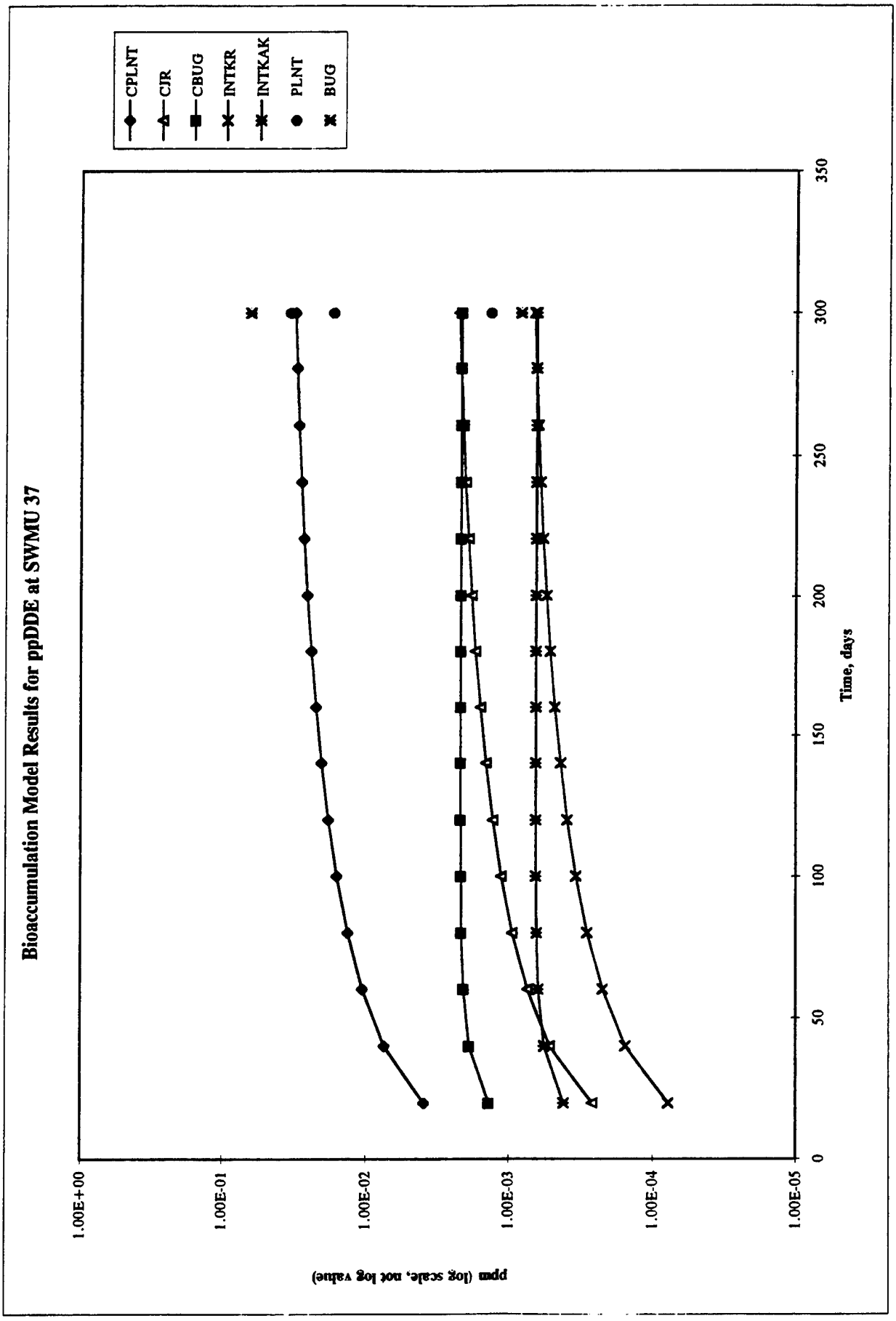

Bioaccumulation Model Results for ppDDE at SWMU 10
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
0
50
100
150
200
250
300
350
Time, days

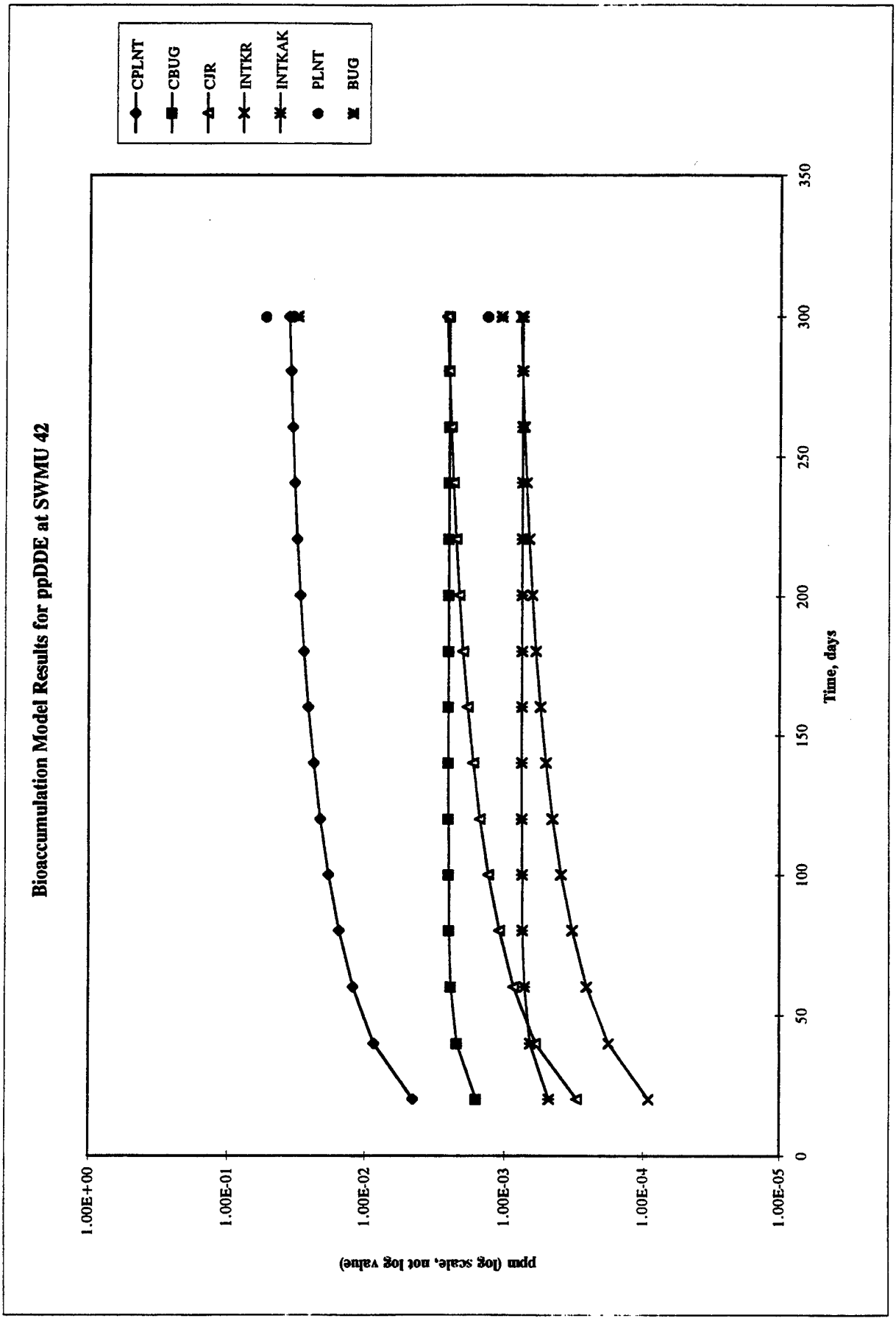

Bioaccumulation Model Results for ppDDE at SWMU 11
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
0
50
100
150
200
250
300
350
Time, days

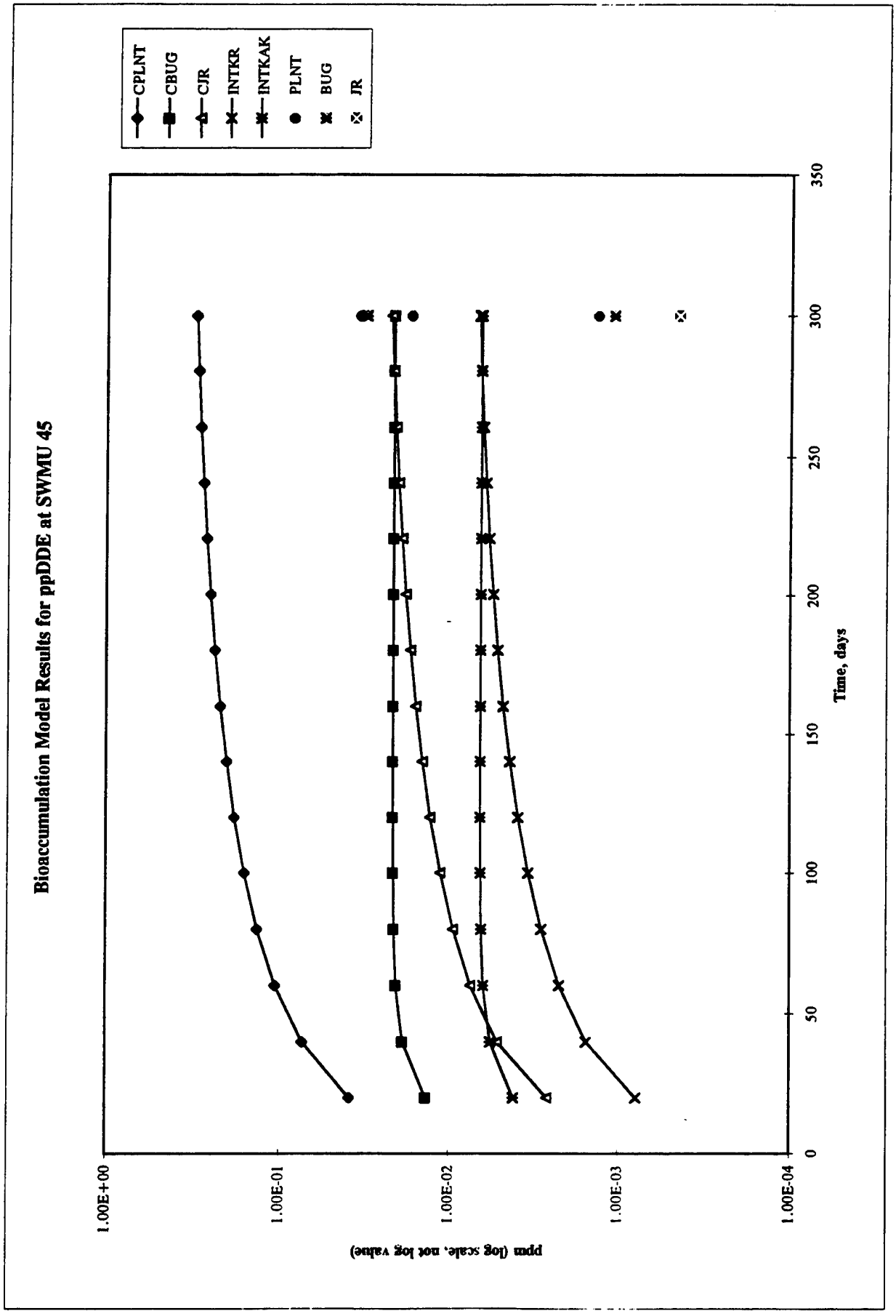

Bioaccumulation Model Results for ppDDE at SWMU 12
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
0
50
100
150
200
250
300
350
Time, days

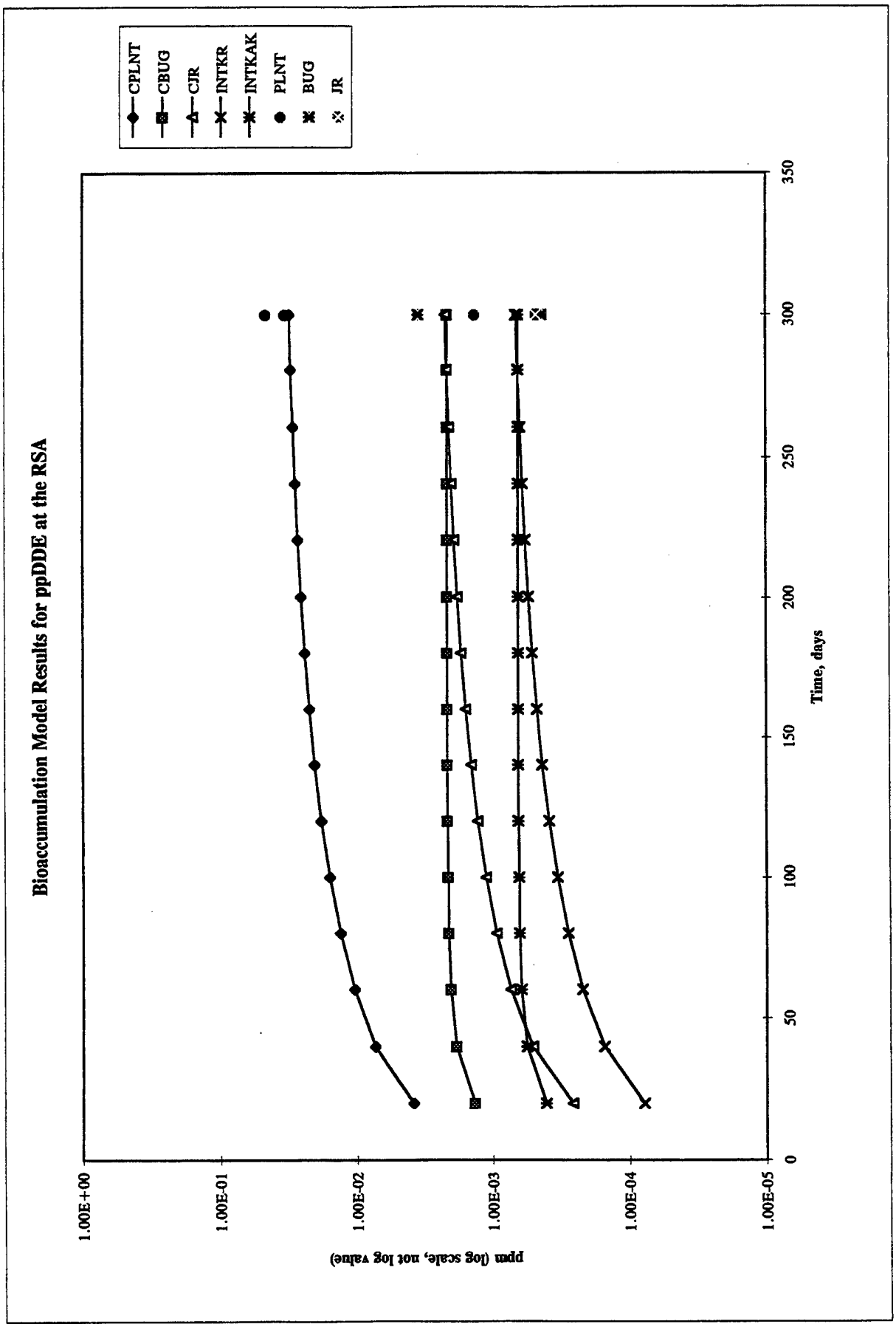

Bioaccumulation Model Results for ppDDE at SWMU 15
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

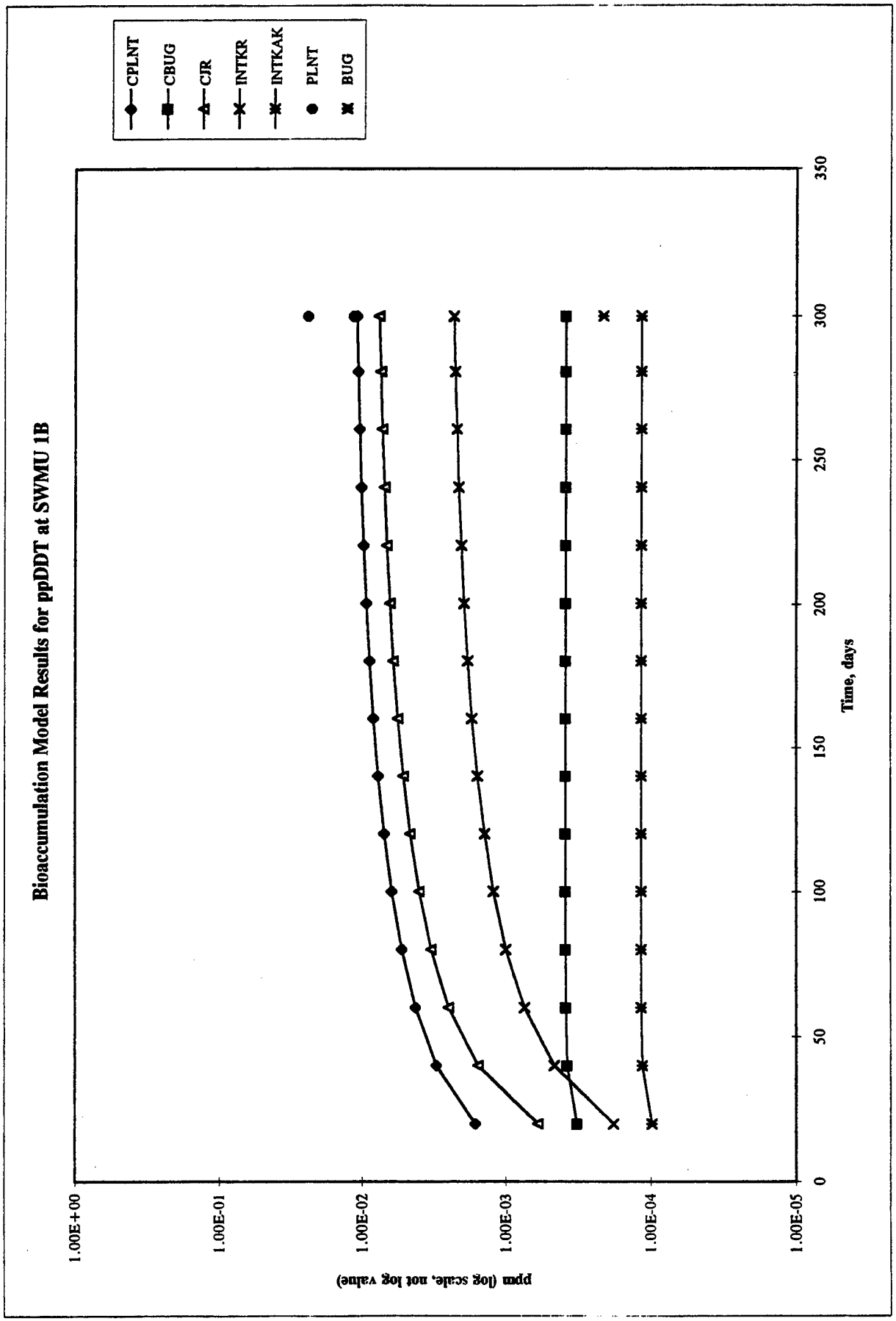

Bioaccumulation Model Results for ppDDE at SWMU 21
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
0
50
100
150
200
250
300
350
Time, days

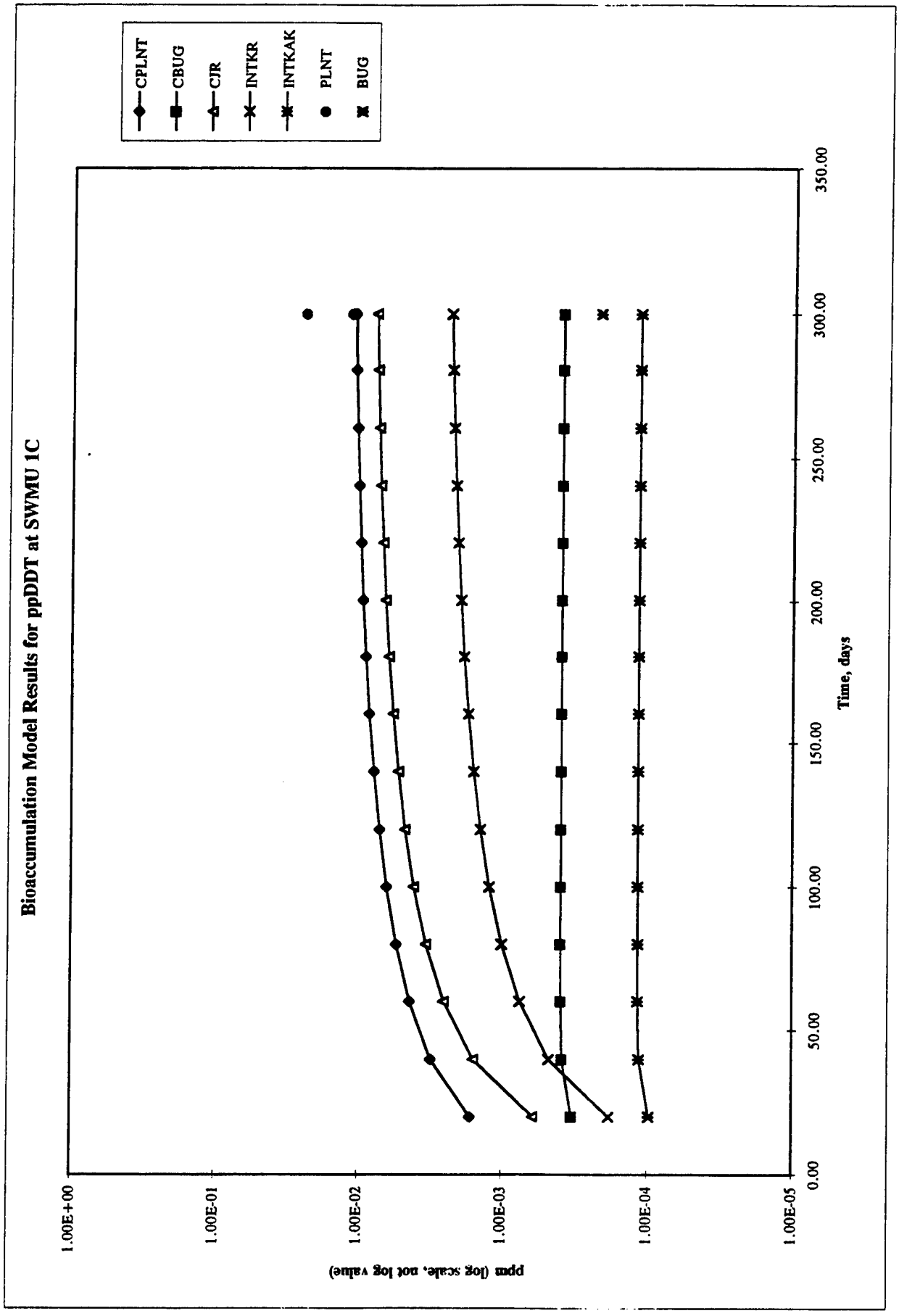

Bioaccumulation Model Results for ppDDE at SWMU 37
CPLNT
CJR
CBUG
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
0
50
100
150
200
250
300
350
Time, days

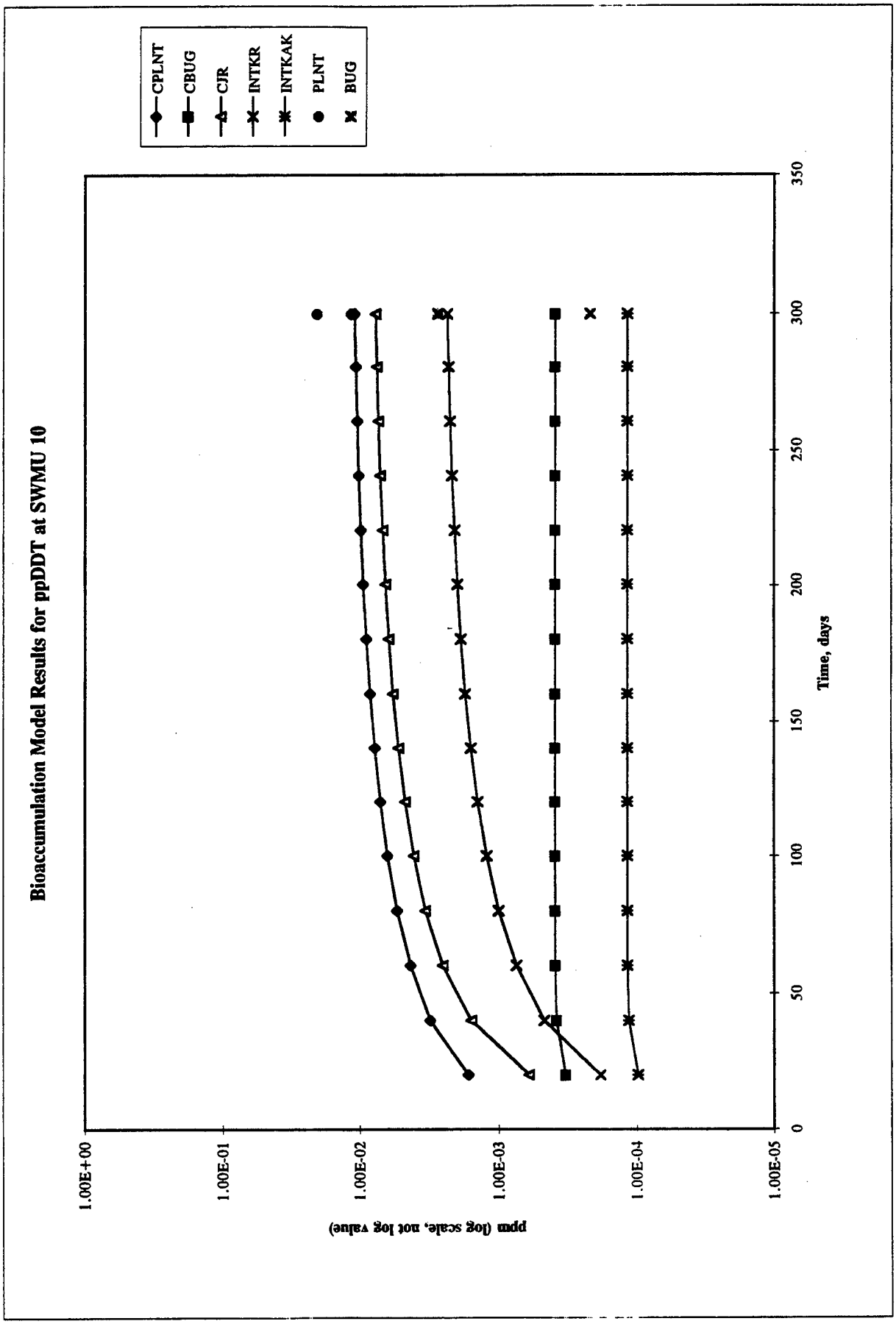

Bioaccumulation Model Results for ppDDE at SWMU 42
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
0
50
100
150
200
250
300
350
Time, days

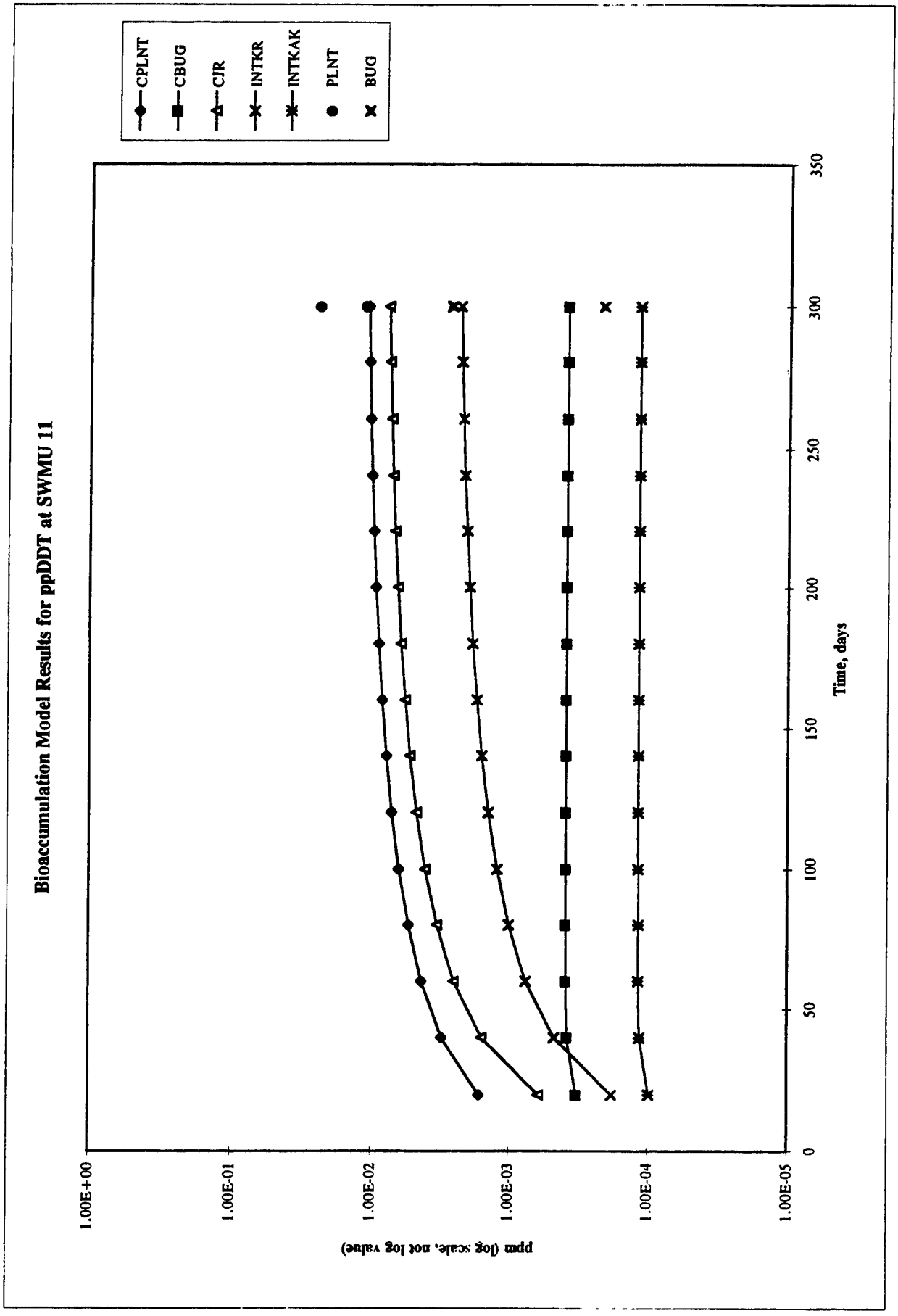

Bioaccumulation Model Results for ppDDE at SWMU 45
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

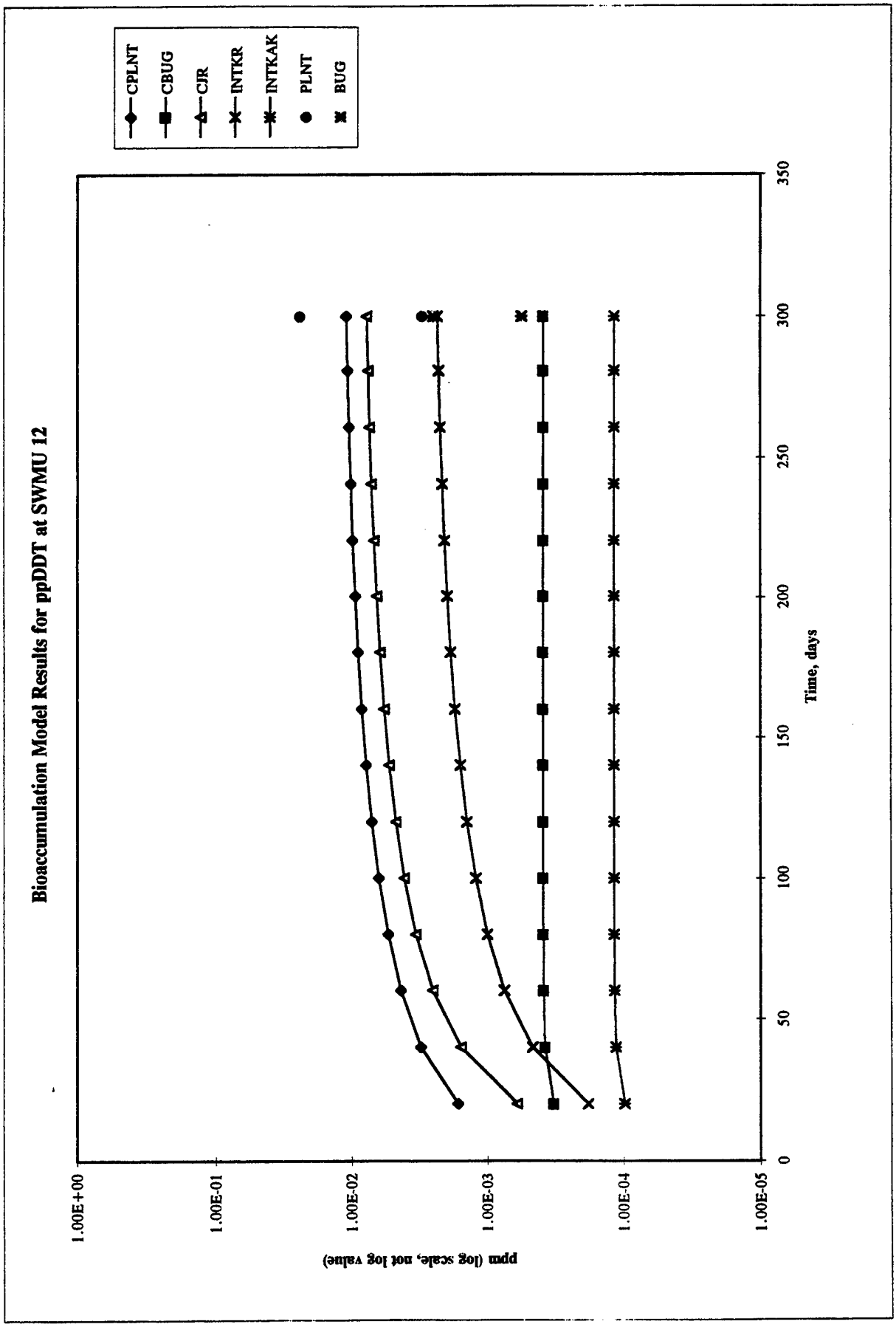

Bioaccumulation Model Results for ppDDE at the RSA
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
0
50
100
150
200
250
300
350
Time, days

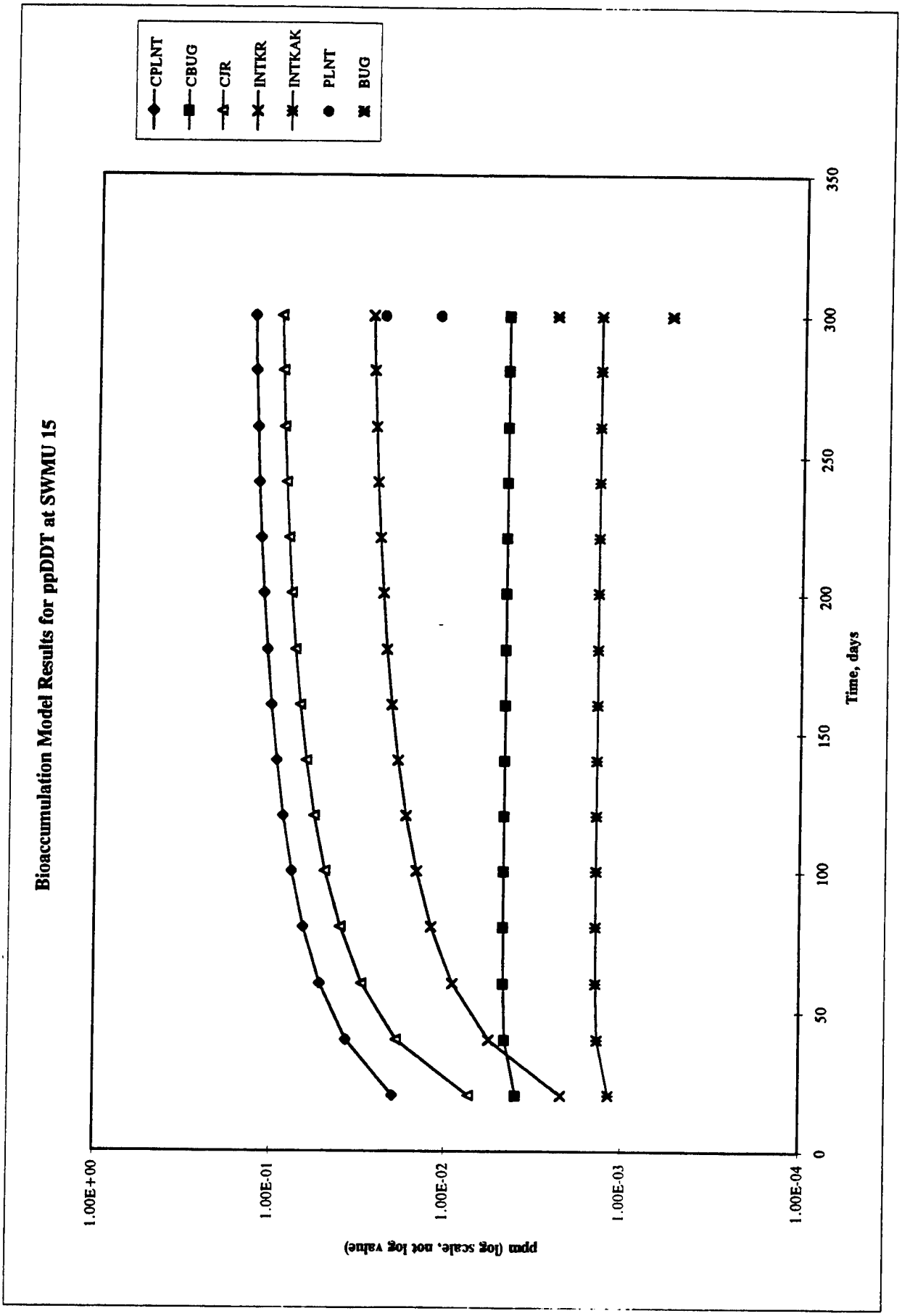

Bioaccumulation Model Results for ppDDT at SWMU 1B
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
0
50
100
150
200
250
300
350
Time, days

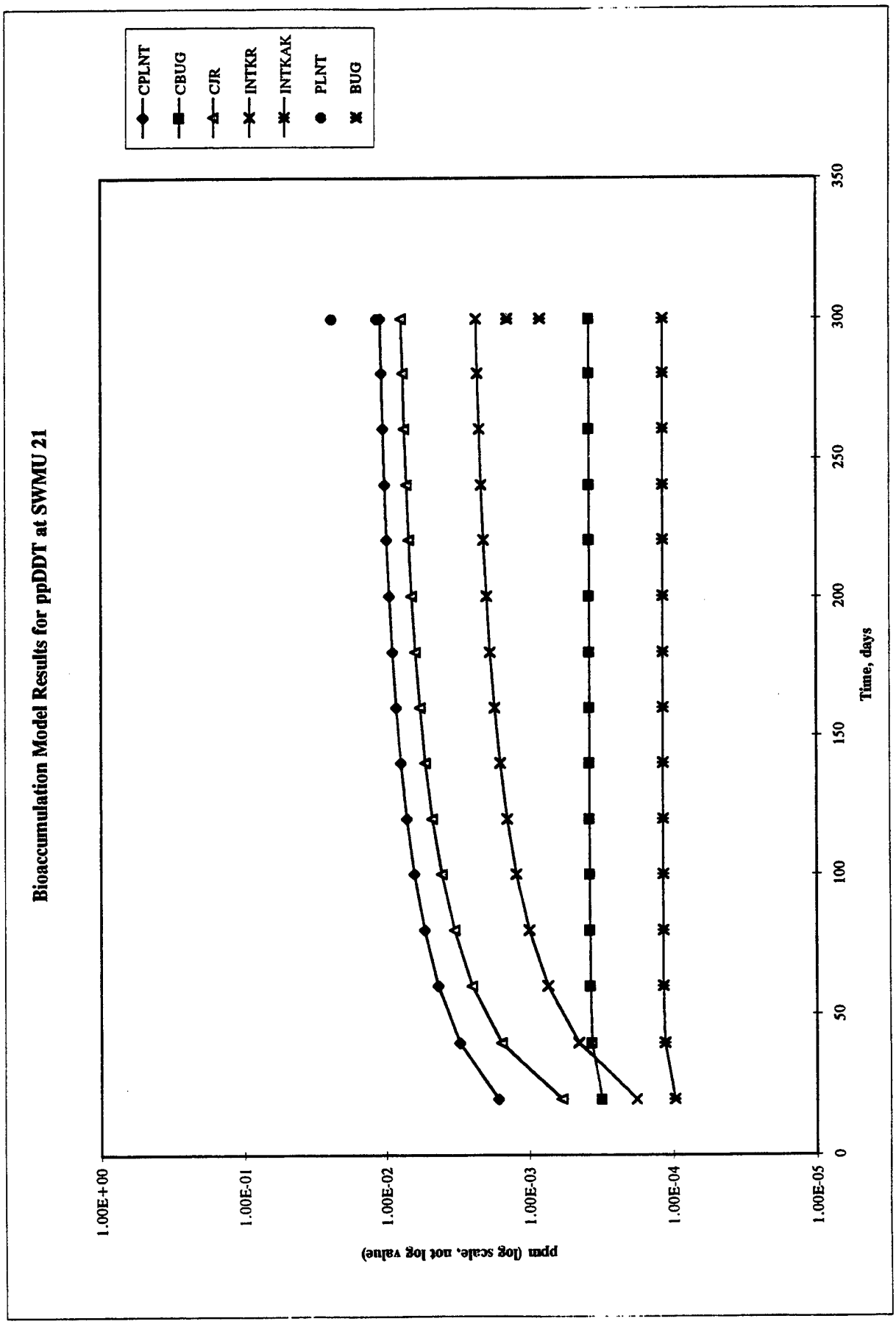

Bioaccumulation Model Results for ppDDT at SWMU 1C
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
0.00
50.00
100.00
150.00
200.00
250.00
300.00
350.00
Time, days

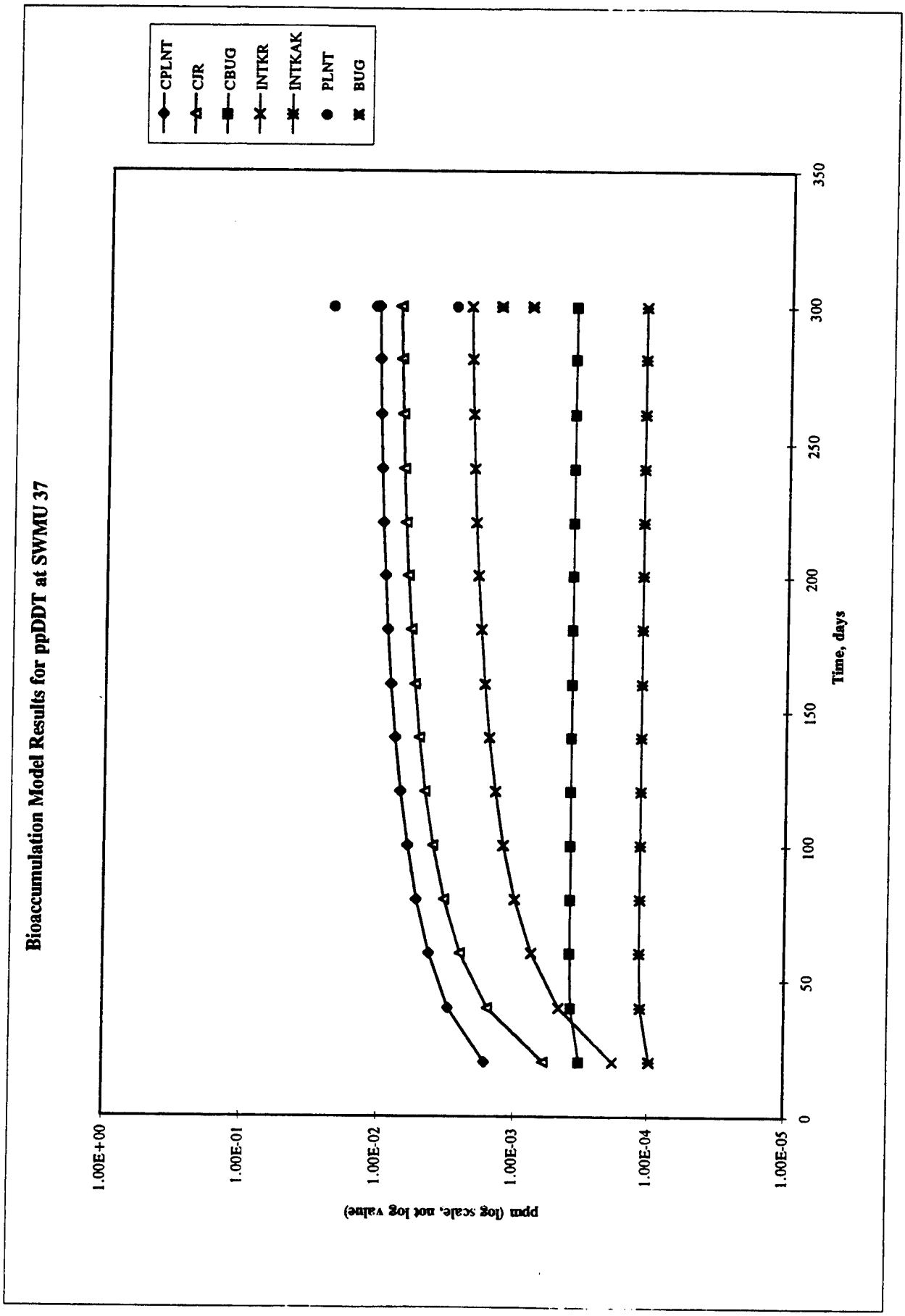

Bioaccumulation Model Results for ppDDT at SWMU 10
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
0
50
100
150
200
250
300
350
Time, days

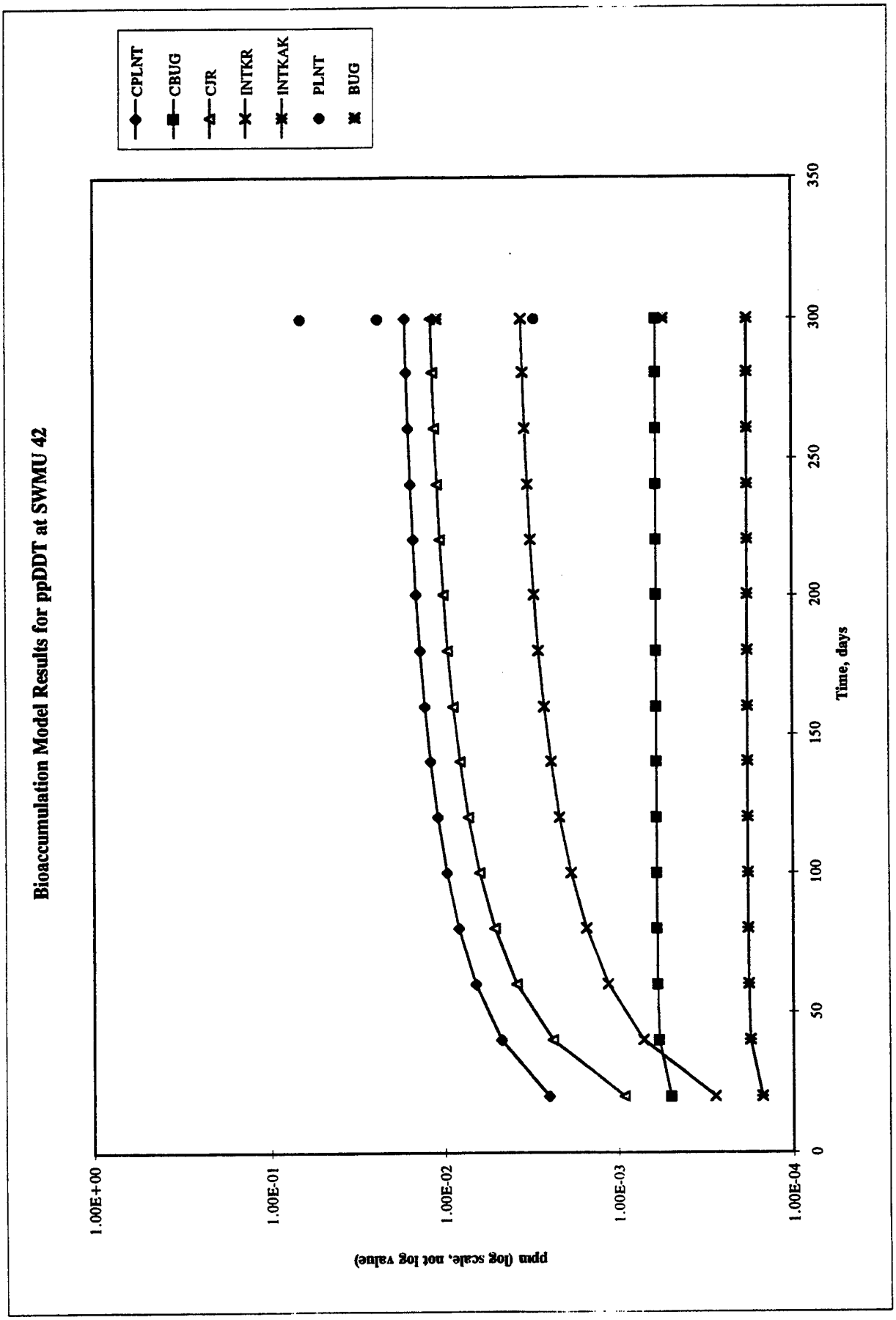

Bioaccumulation Model Results for ppDDT at SWMU 11
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
0
50
100
150
200
250
300
350
Time, days

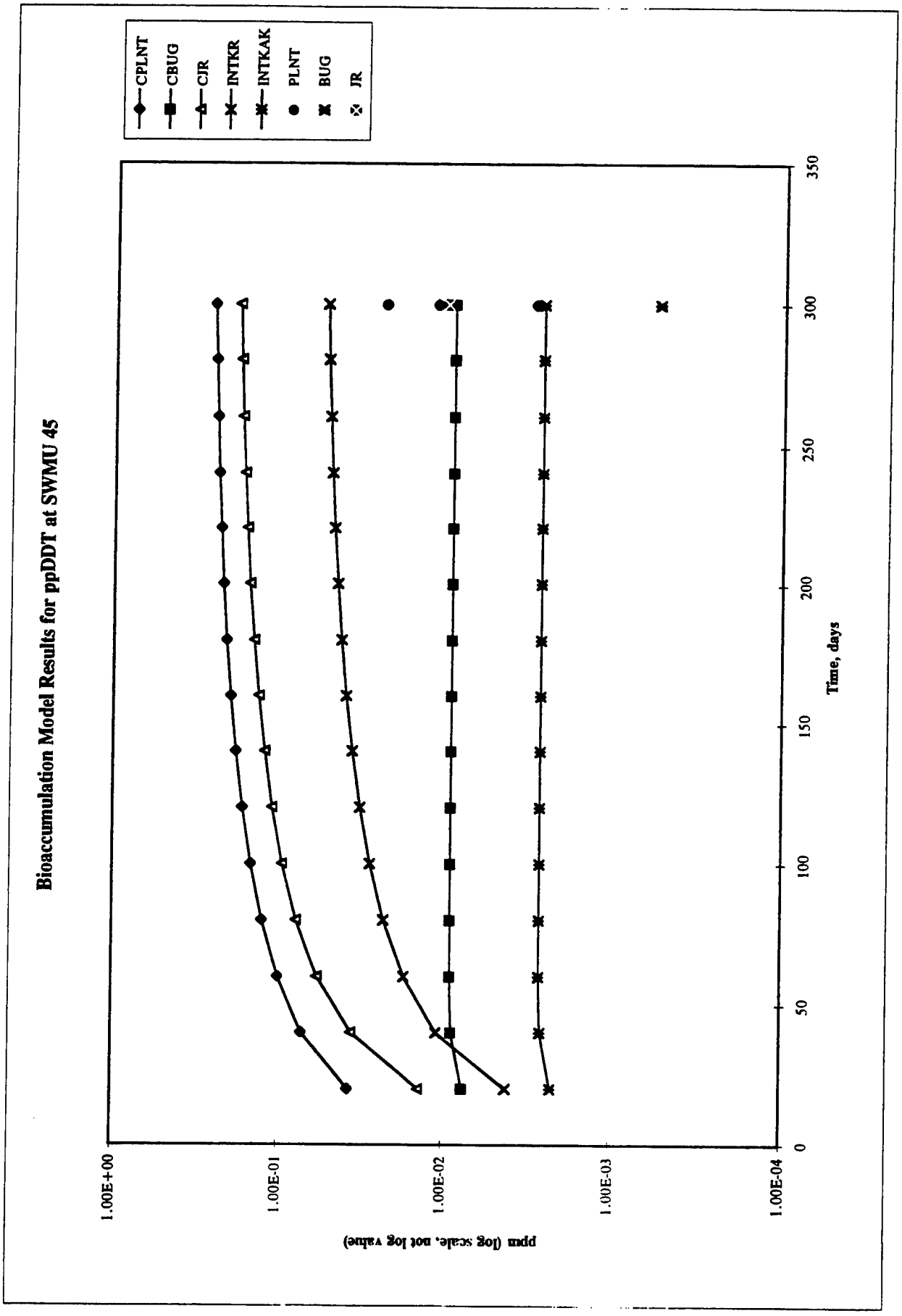

Bioaccumulation Model Results for ppDDT at SWMU 12
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
0
50
100
150
200
250
300
350
Time, days

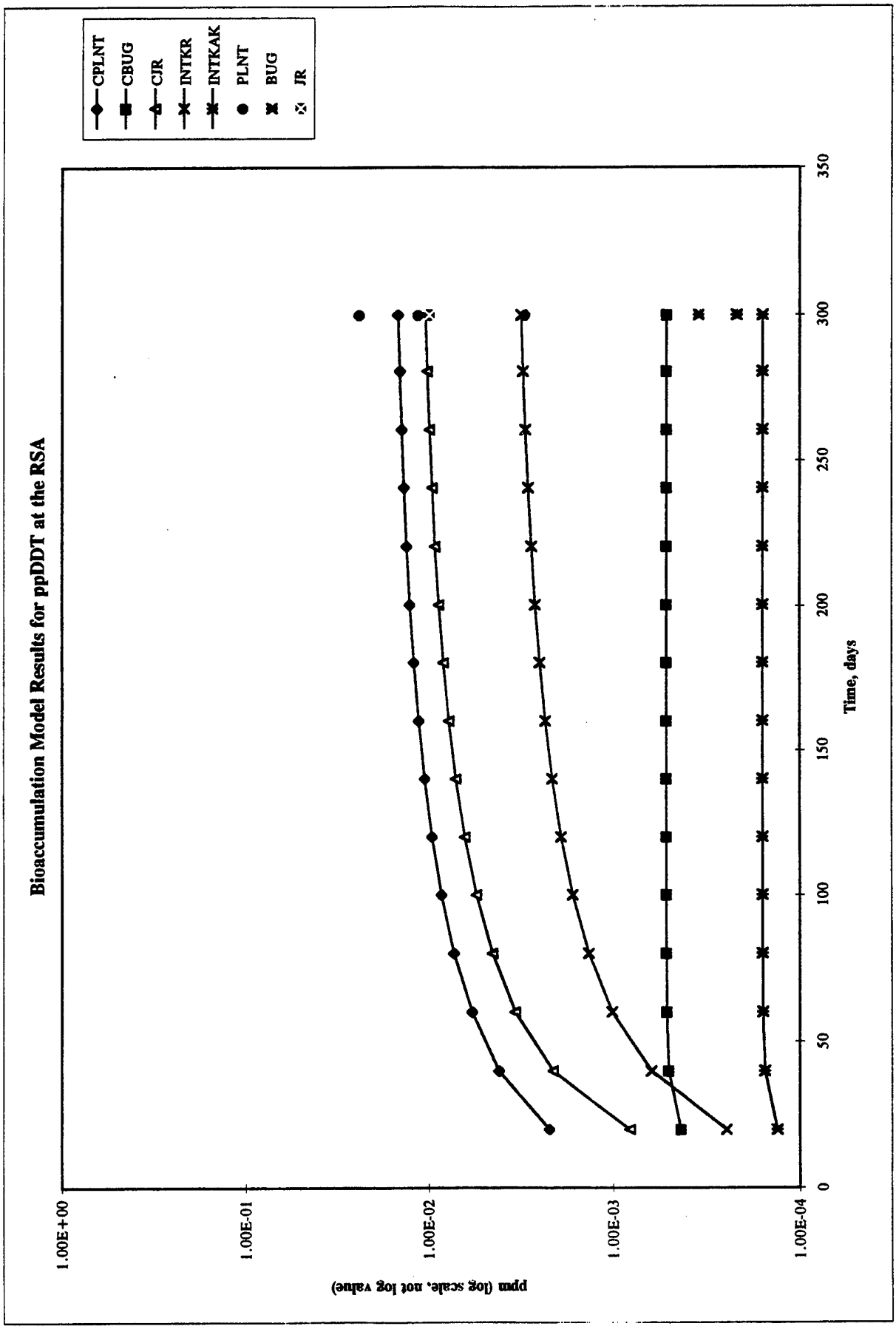

Bioaccumulation Model Results for ppDDT at SWMU 15
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
0
50
100
150
200
250
300
350
Time, days

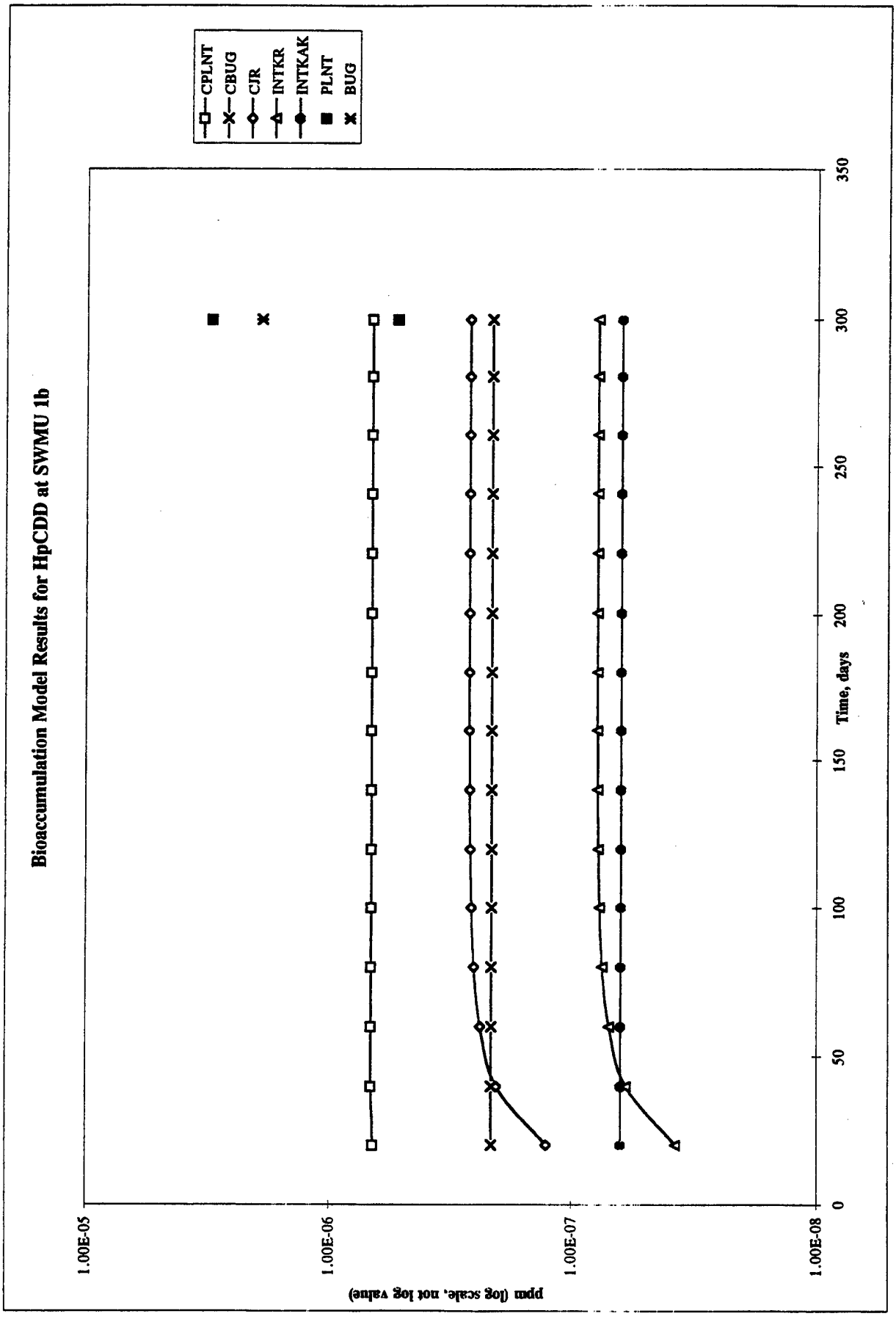

Bioaccumulation Model Results for ppDDT at SWMU 21
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
0
50
100
150
200
250
300
350
Time, days

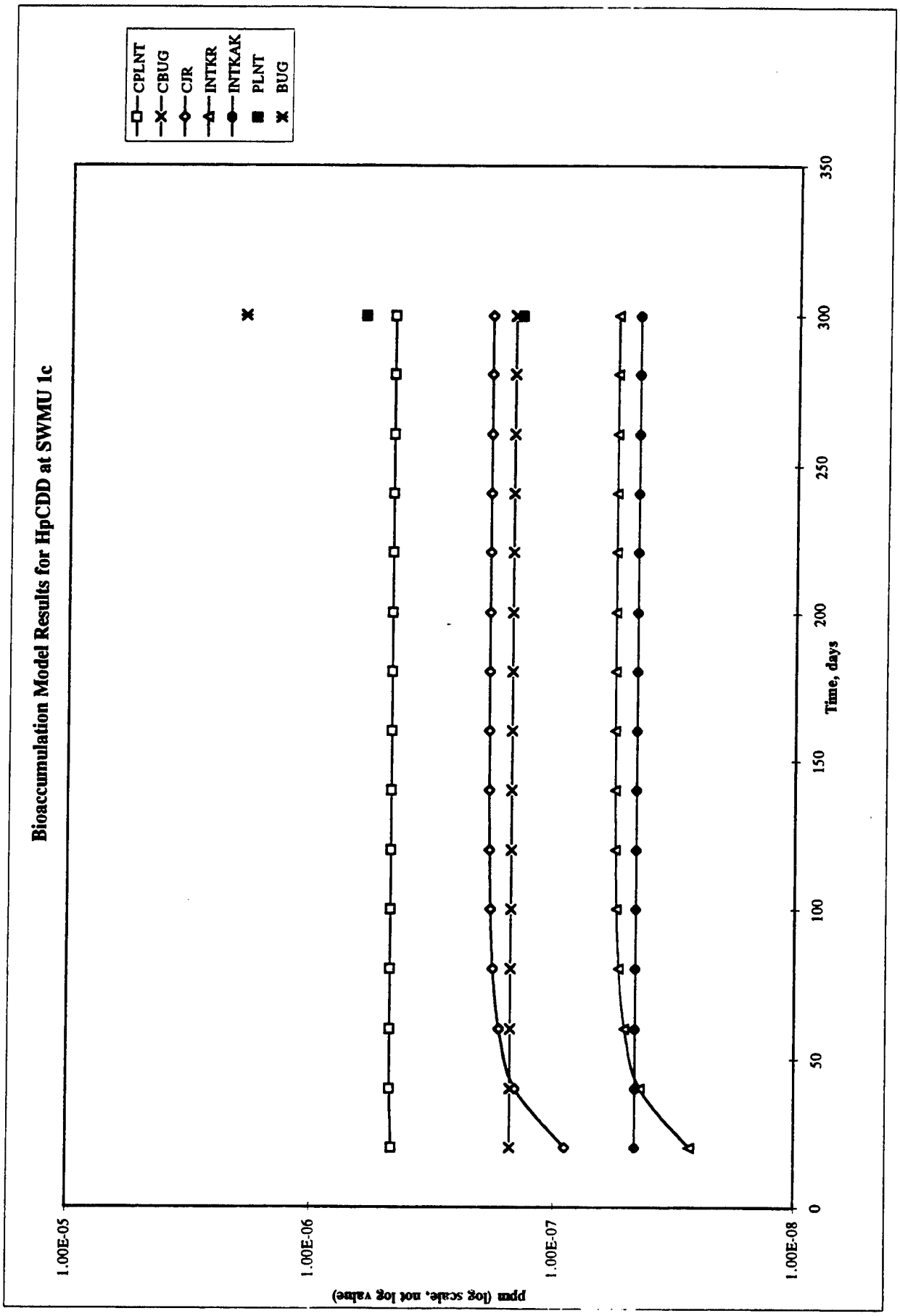

Bioaccumulation Model Results for ppDDT at SWMU 37
CPLNT
CJR
CBUG
INTKR
INTKAK
PLNT
BUG
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

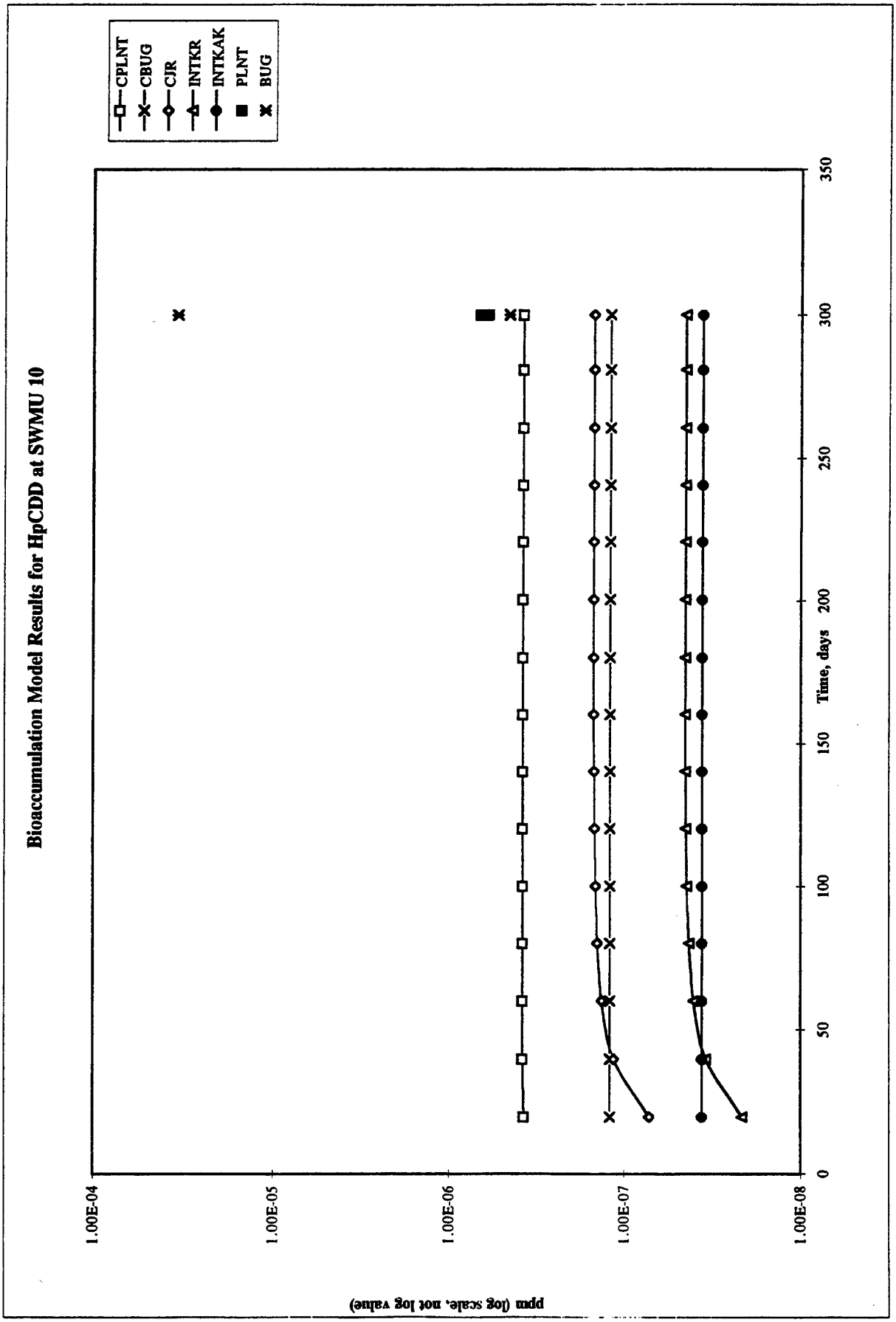

Bioaccumulation Model Results for ppDDT at SWMU 42
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

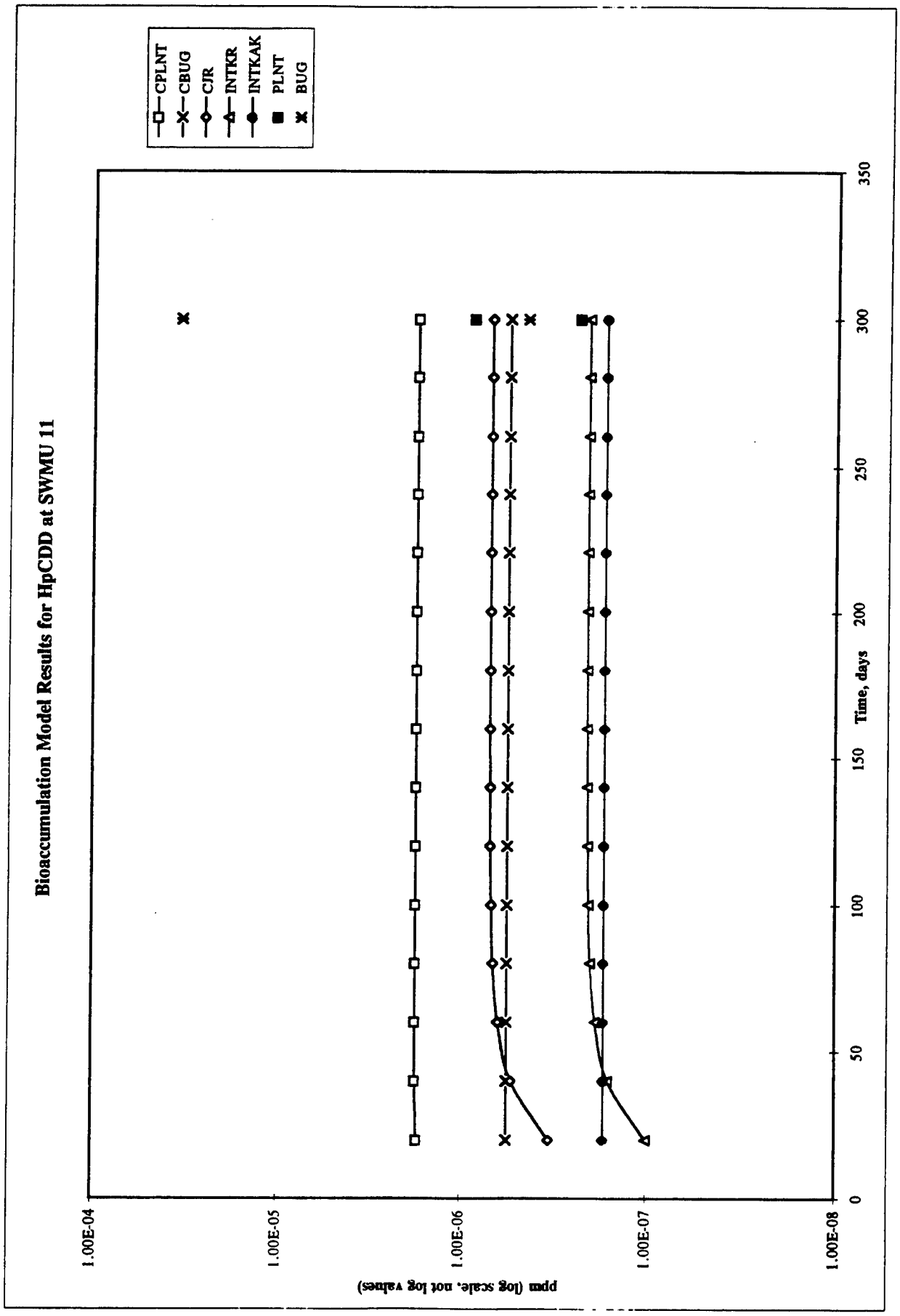

Bioaccumulation Model Results for ppDDT at SWMU 45
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
0
50
100
150
200
250
300
350
Time, days

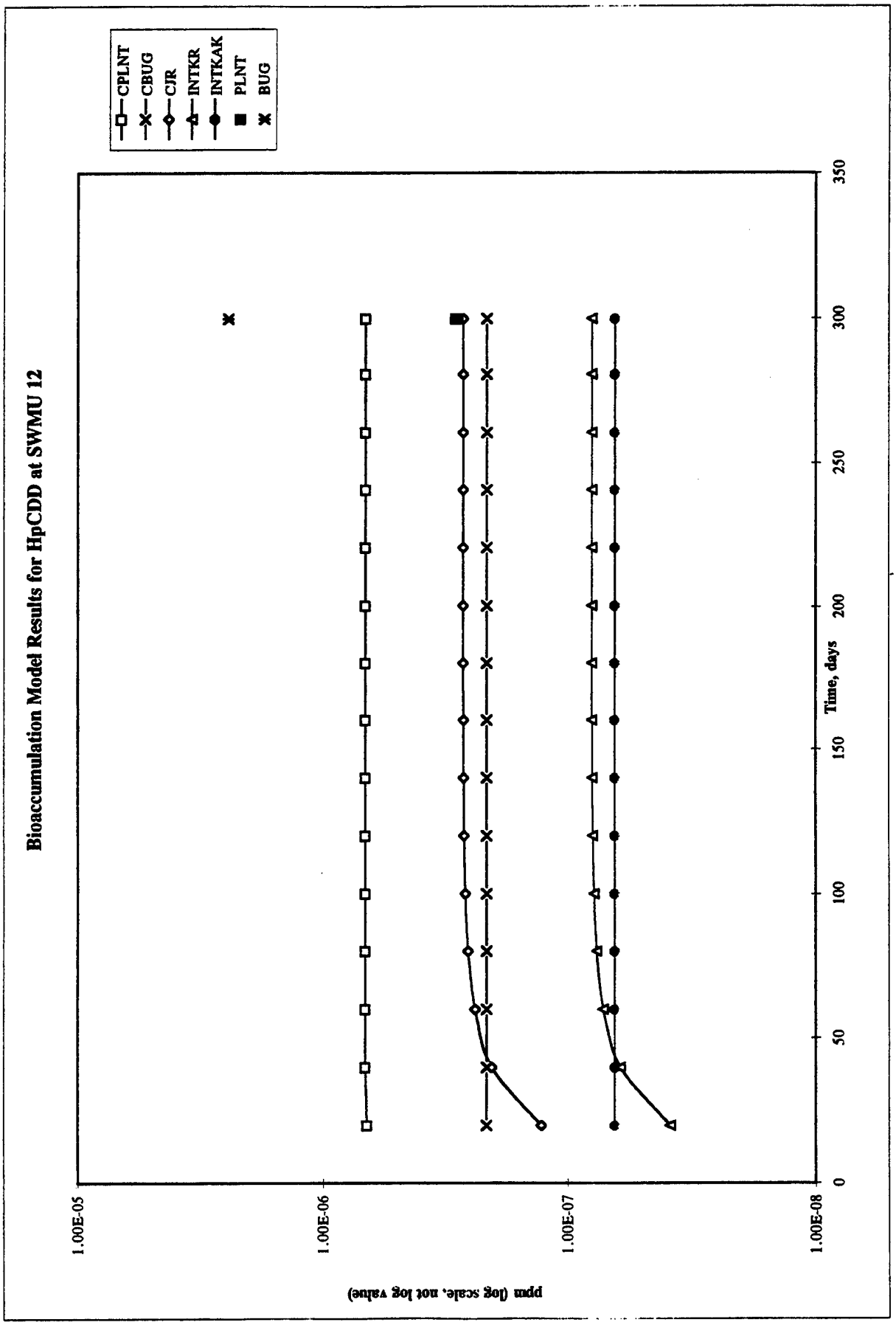

Bioaccumulation Model Results for ppDDT at the RSA
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
ppm (log scale, not log value)
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
0
50
100
150
200
250
300
350
Time, days

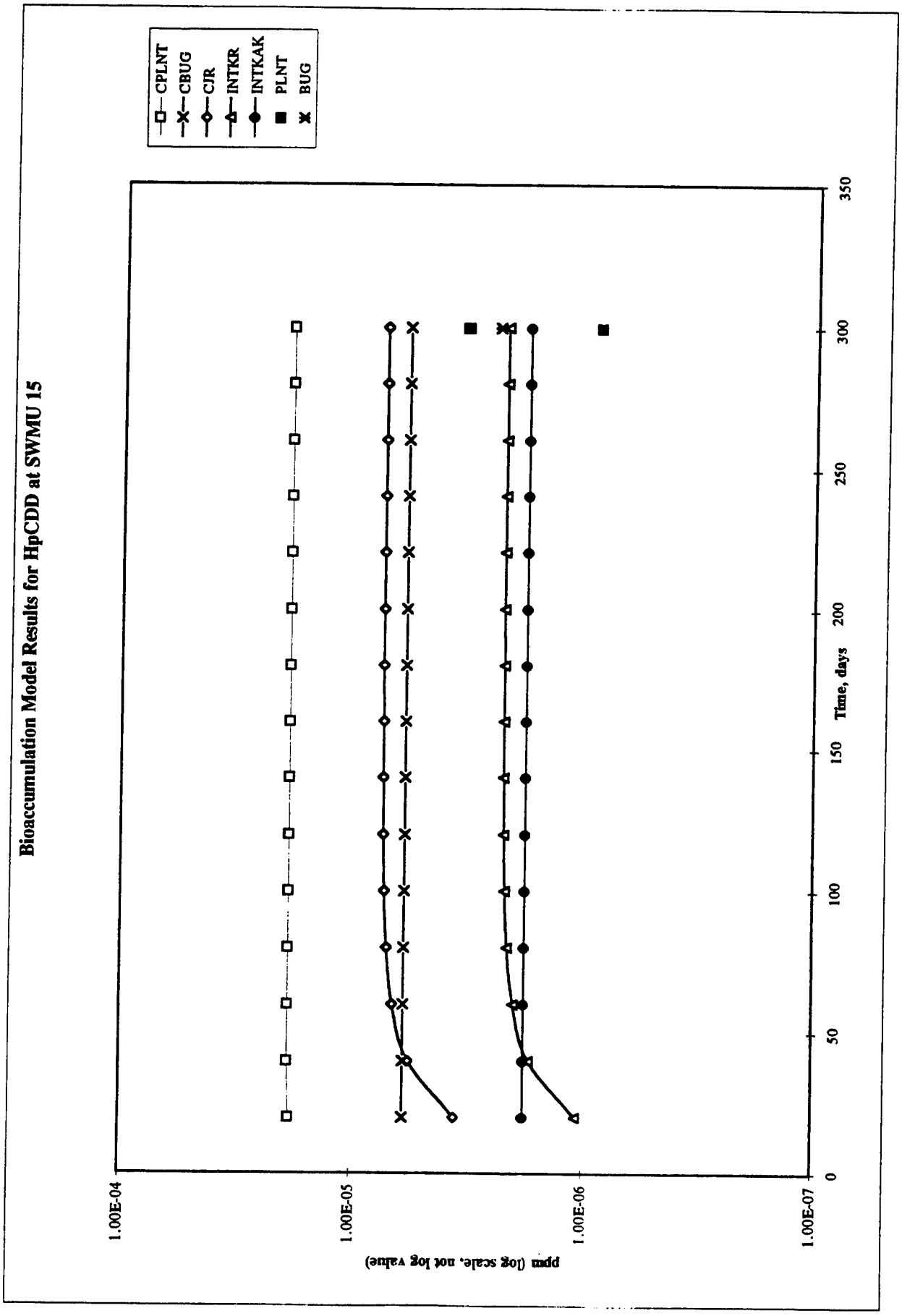

Bioaccumulation Model Results for HpCDD at SWMU 1b
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-05
1.00E-06
1.00E-07
1.00E-08
0
50
100
150
200
250
300
350
Time, days

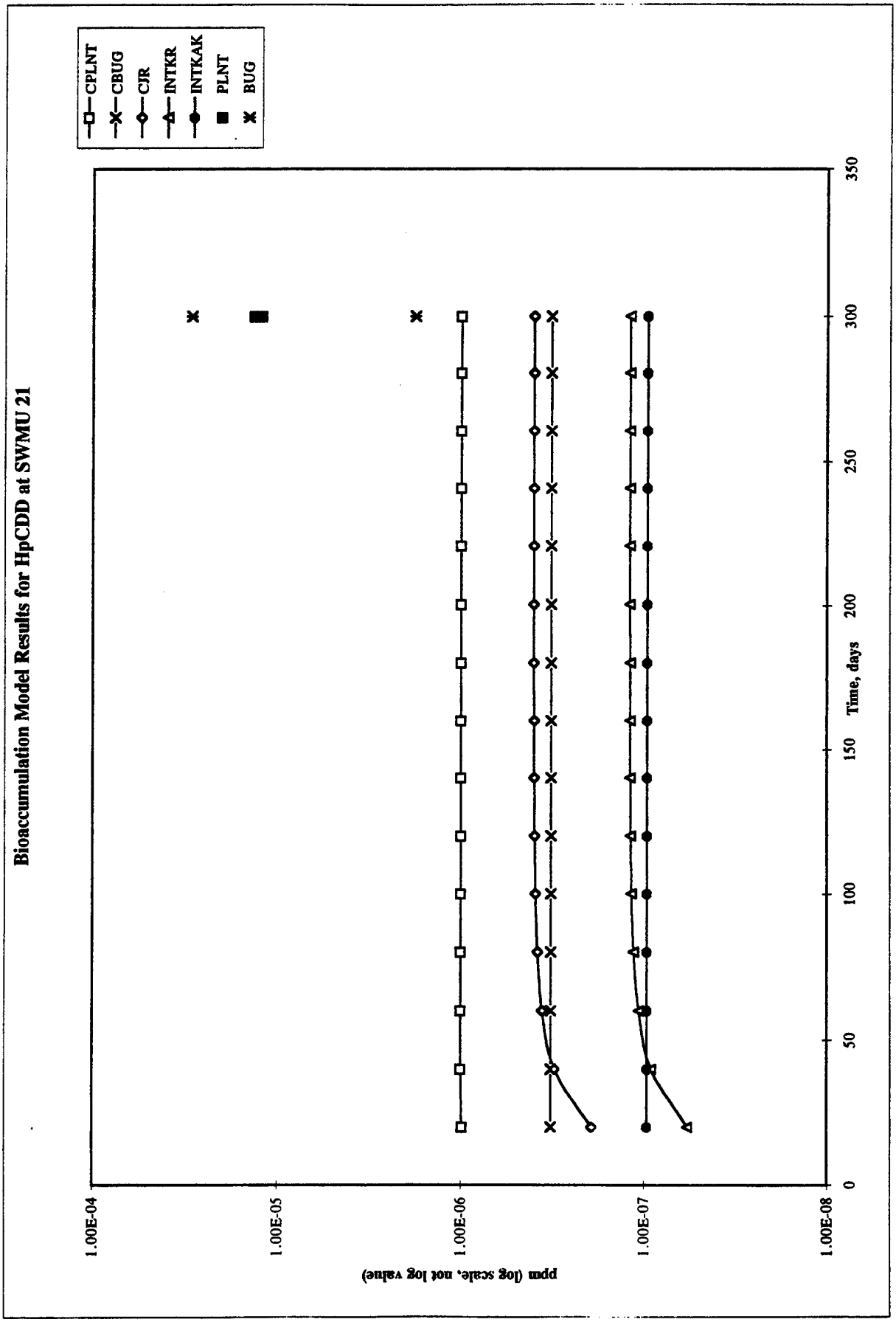

Bioaccumulation Model Results for HpCDD at SWMU 1c
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-05
1.00E-06
1.00E-07
1.00E-08
0
50
100
150
200
250
300
350
Time, days

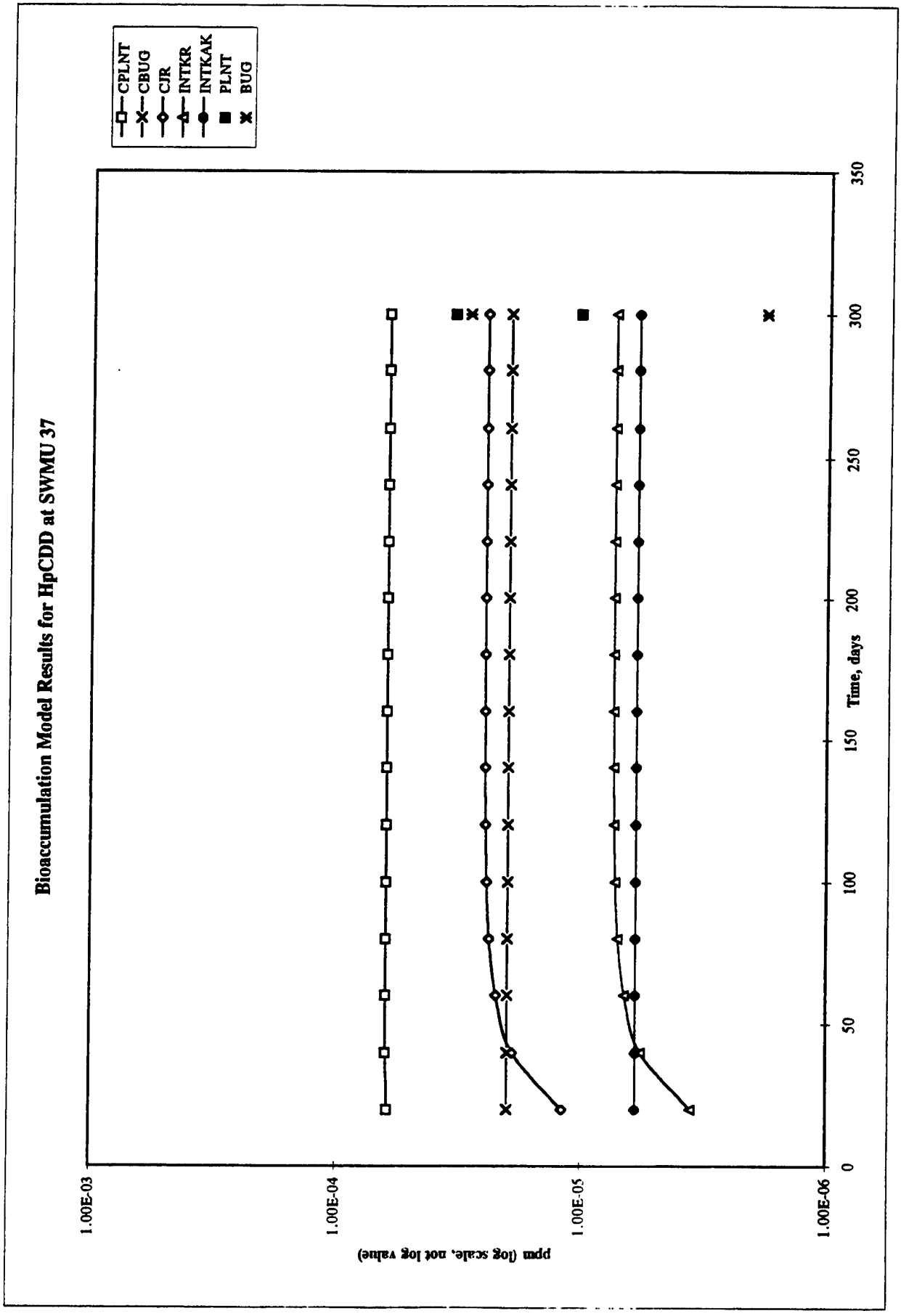

Bioaccumulation Model Results for HpCDD at SWMU 10
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-04
1.00E-05
1.00E-06
1.00E-07
1.00E-08
0
50
100
150
200
250
300
350
Time, days

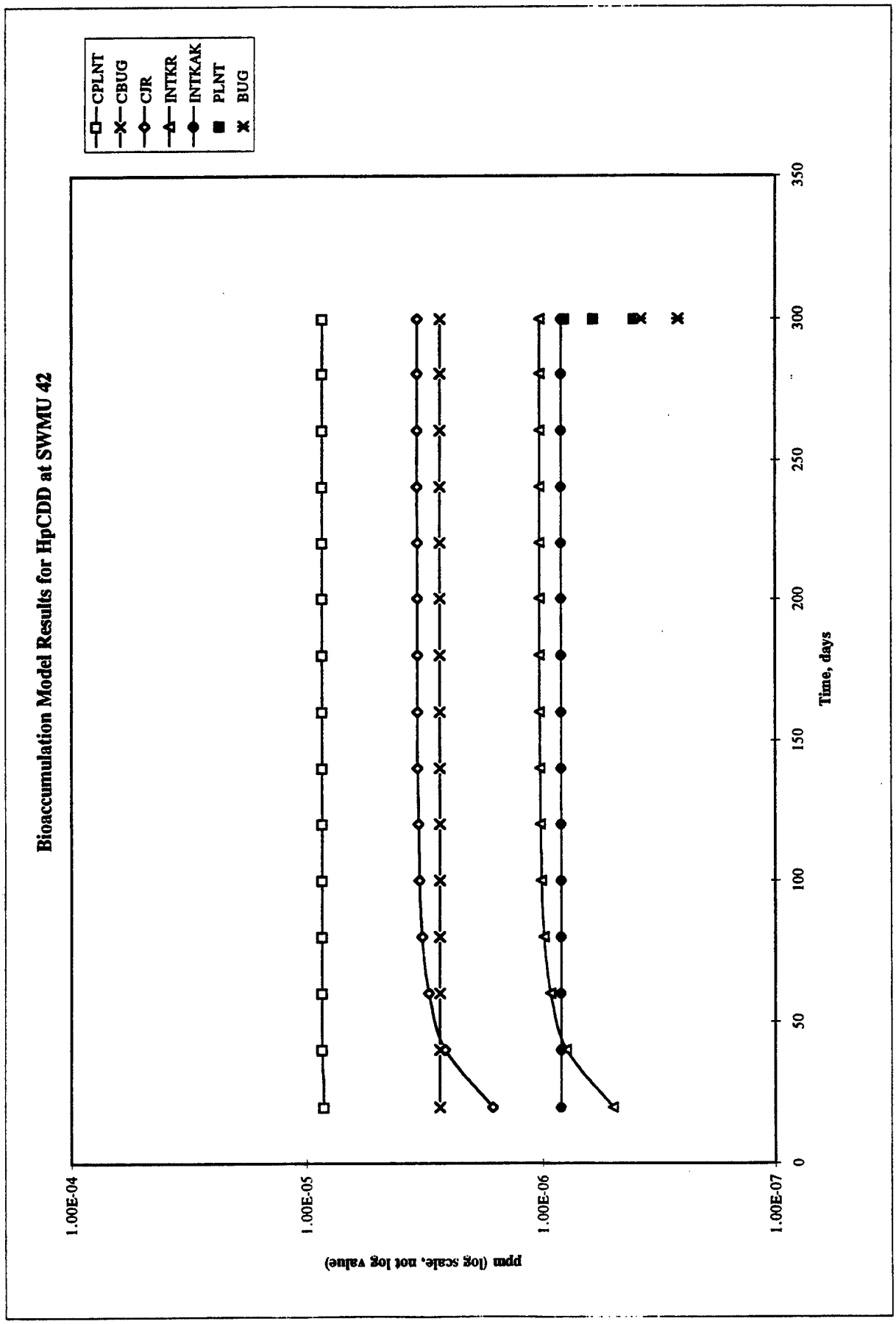

Bioaccumulation Model Results for HpCDD at SWMU 11
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log values)
1.00E-04
1.00E-05
1.00E-06
1.00E-07
1.00E-08
0
50
100
150
200
250
300
350
Time, days

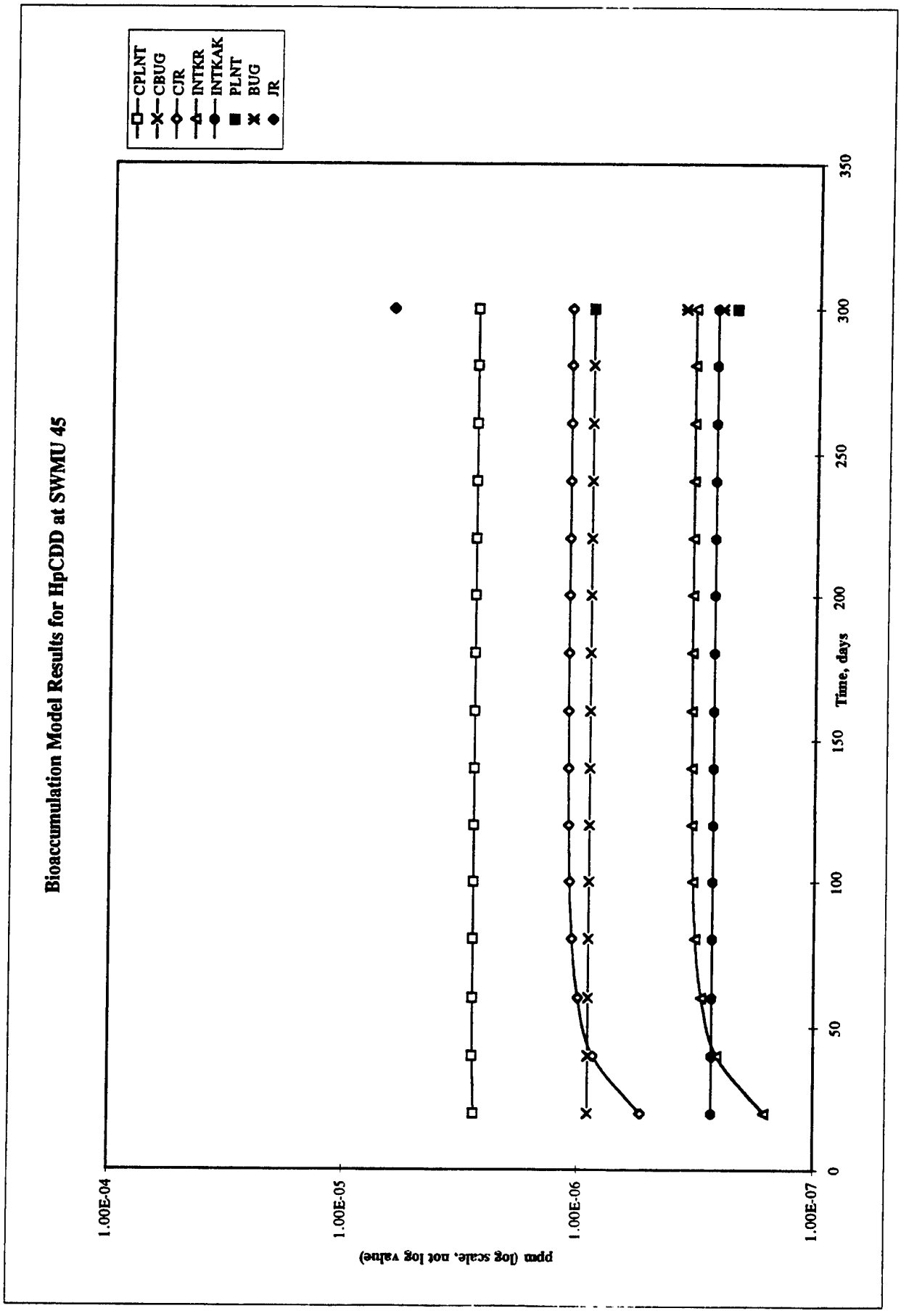

Bioaccumulation Model Results for HpCDD at SWMU 12
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-05
1.00E-06
1.00E-07
1.00E-08
0
50
100
150
200
250
300
350
Time, days

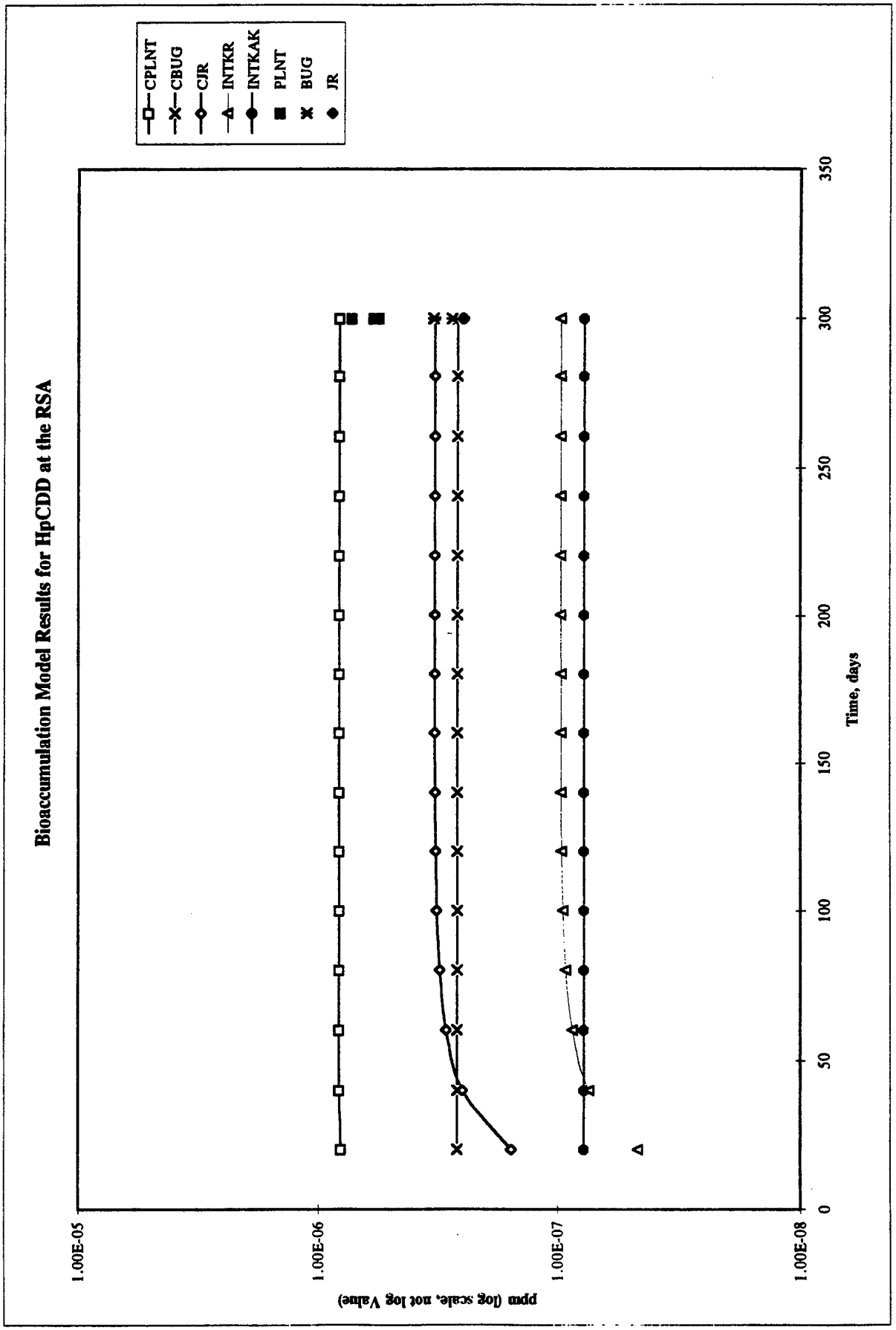

Bioaccumulation Model Results for HpCDD at SWMU 15
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-04
1.00E-05
1.00E-06
1.00E-07
0
50
100
150
200
250
300
350
Time, days

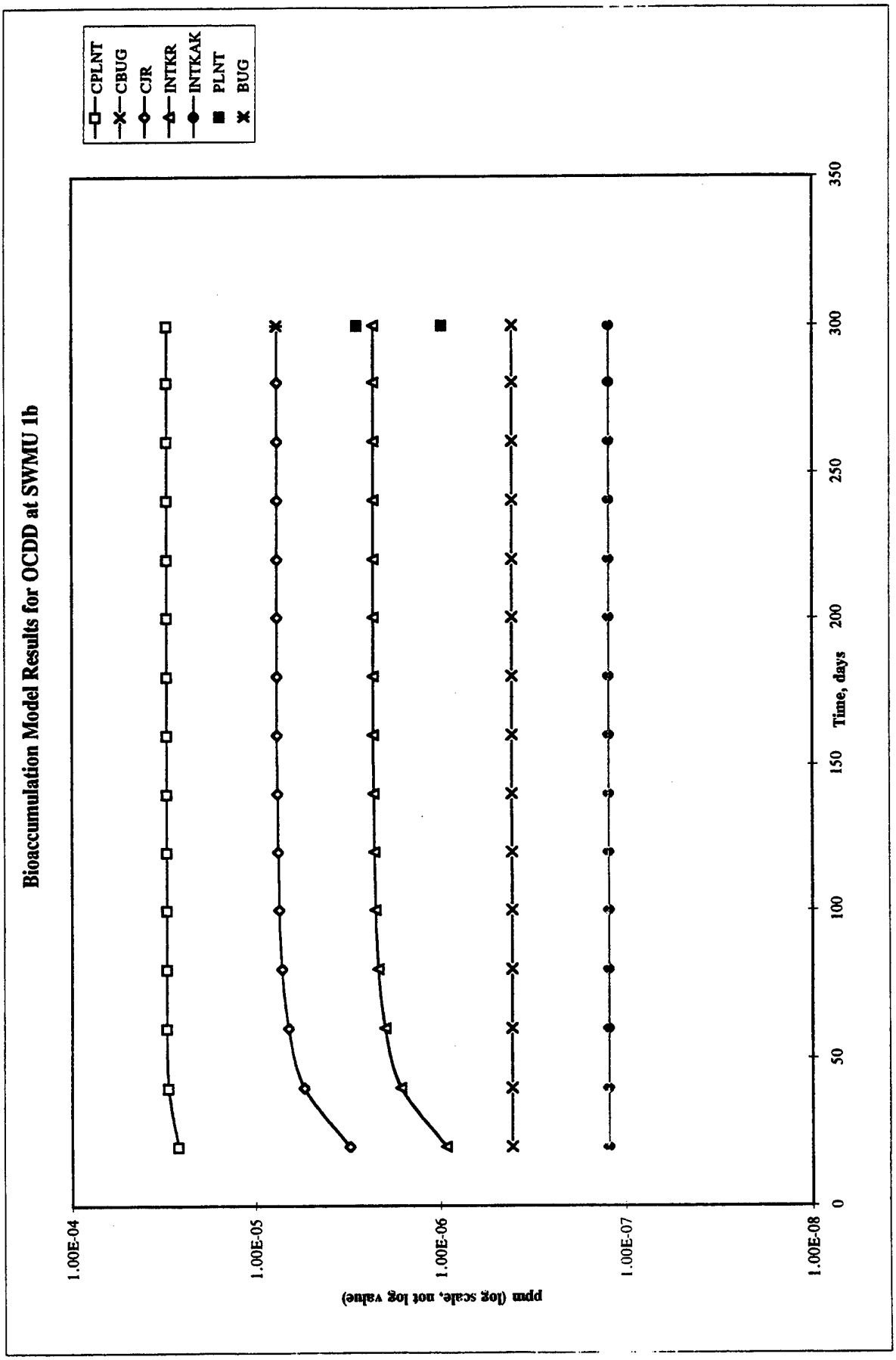

Bioaccumulation Model Results for HpCDD at SWMU 21
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-04
1.00E-05
1.00E-06
1.00E-07
1.00E-08
0
50
100
150
200
250
300
350
Time, days

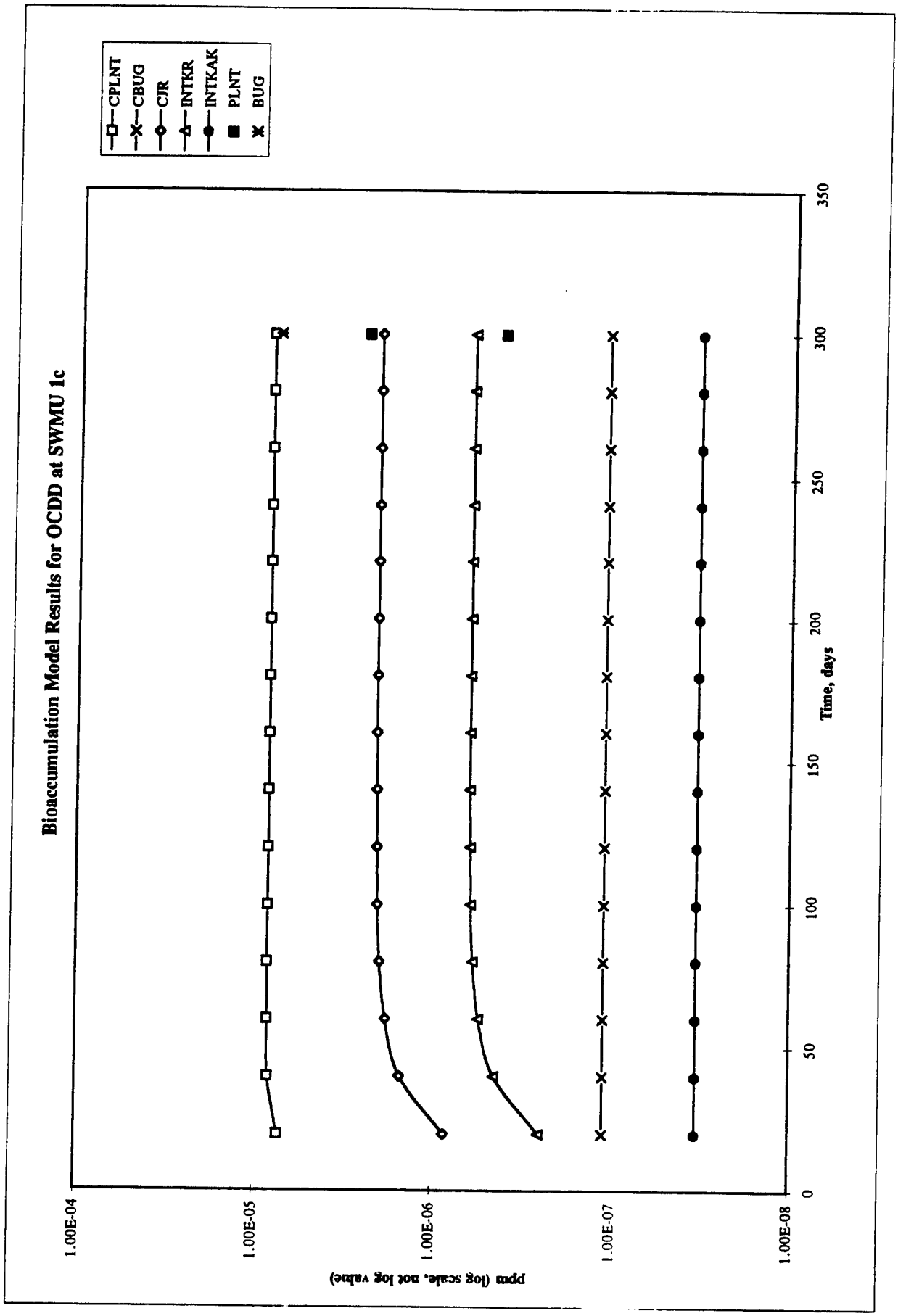

Bioaccumulation Model Results for HpCDD at SWMU 37
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
1.00E-03
1.00E-04
1.00E-05
1.00E-06
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

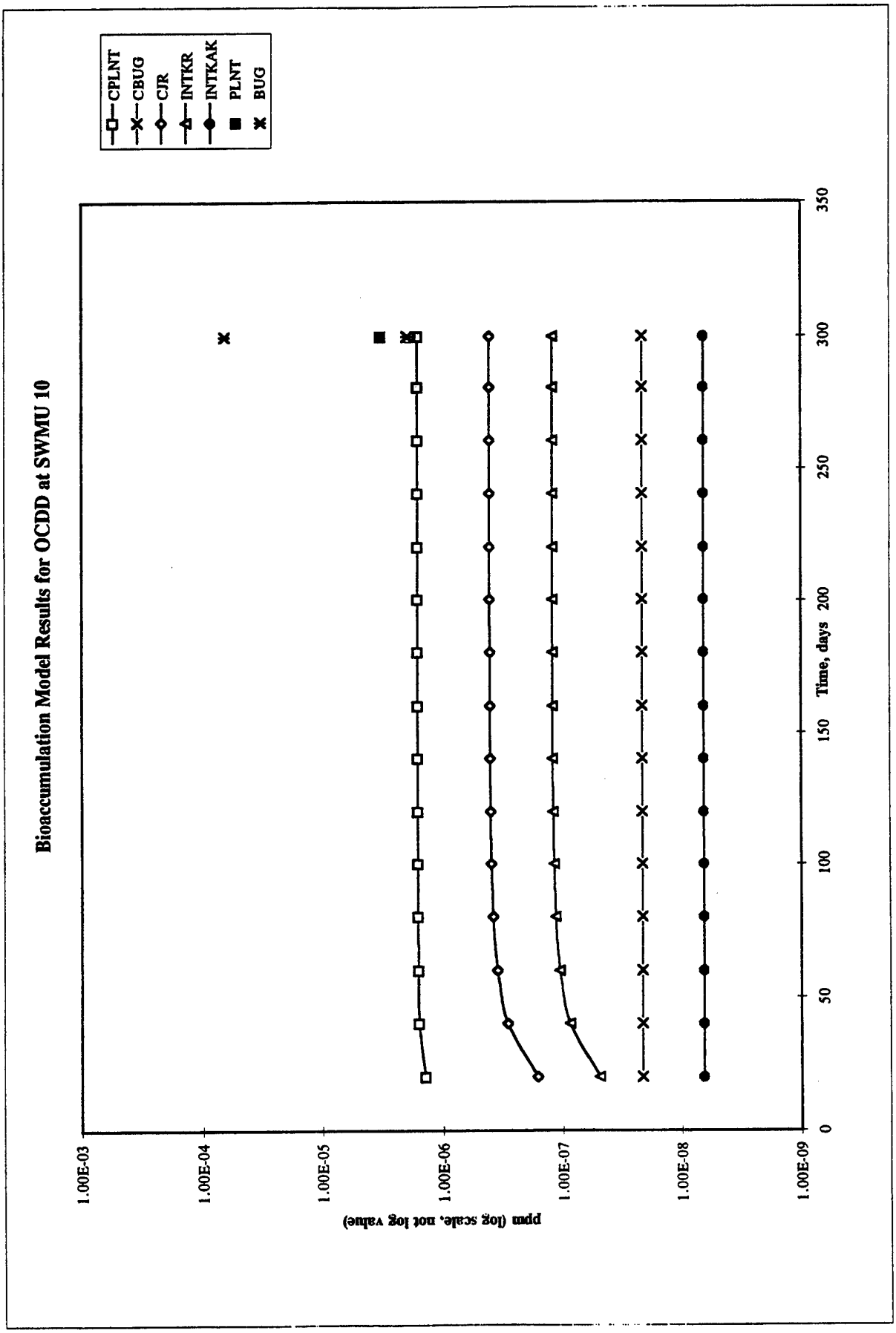

Bioaccumulation Model Results for HpCDD at SWMU 42
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-04
1.00E-05
1.00E-06
1.00E-07
0
50
100
150
200
250
300
350
Time, days

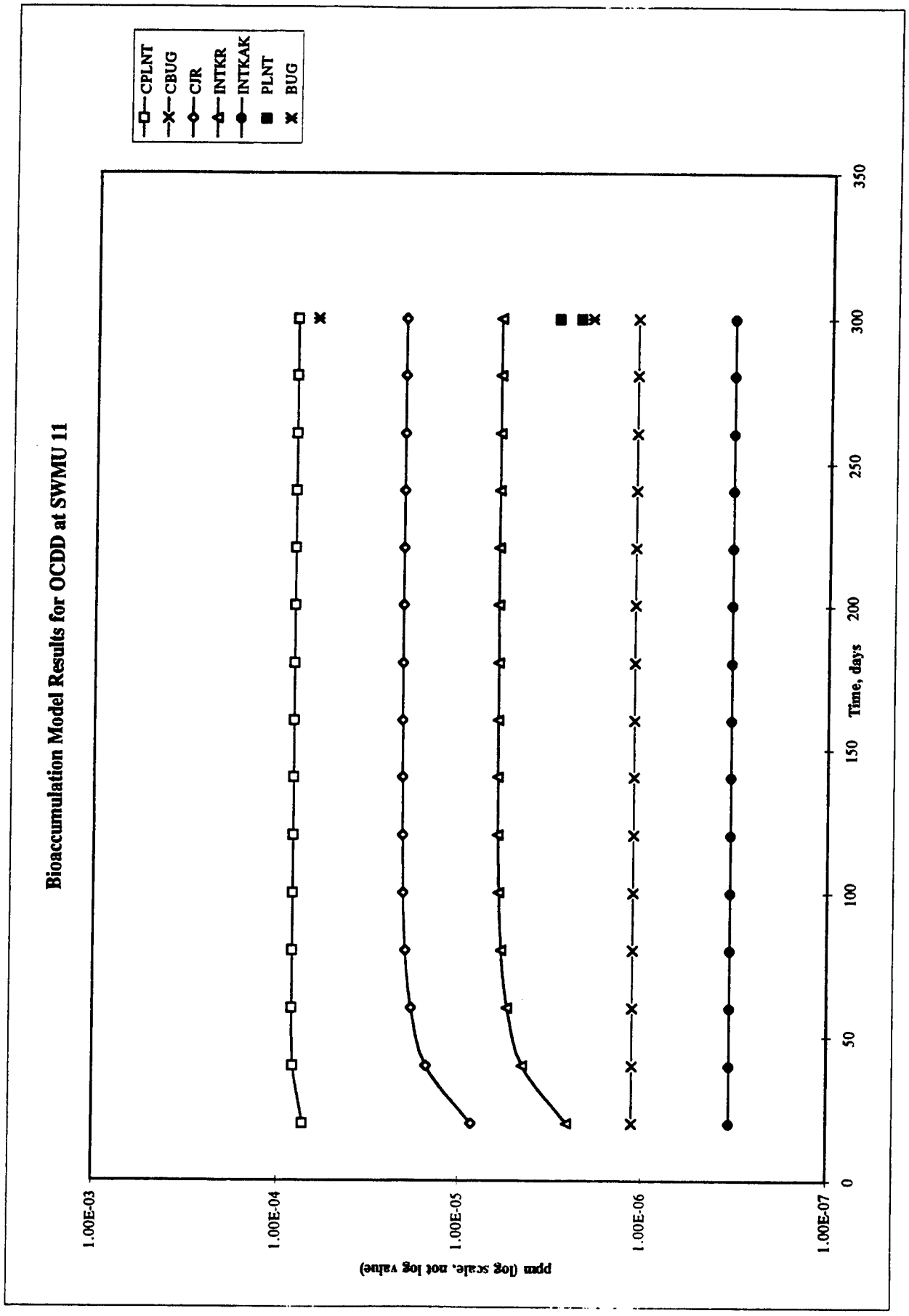

Bioaccumulation Model Results for HpCDD at SWMU 45
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
1.00E-04
1.00E-05
1.00E-06
1.00E-07
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

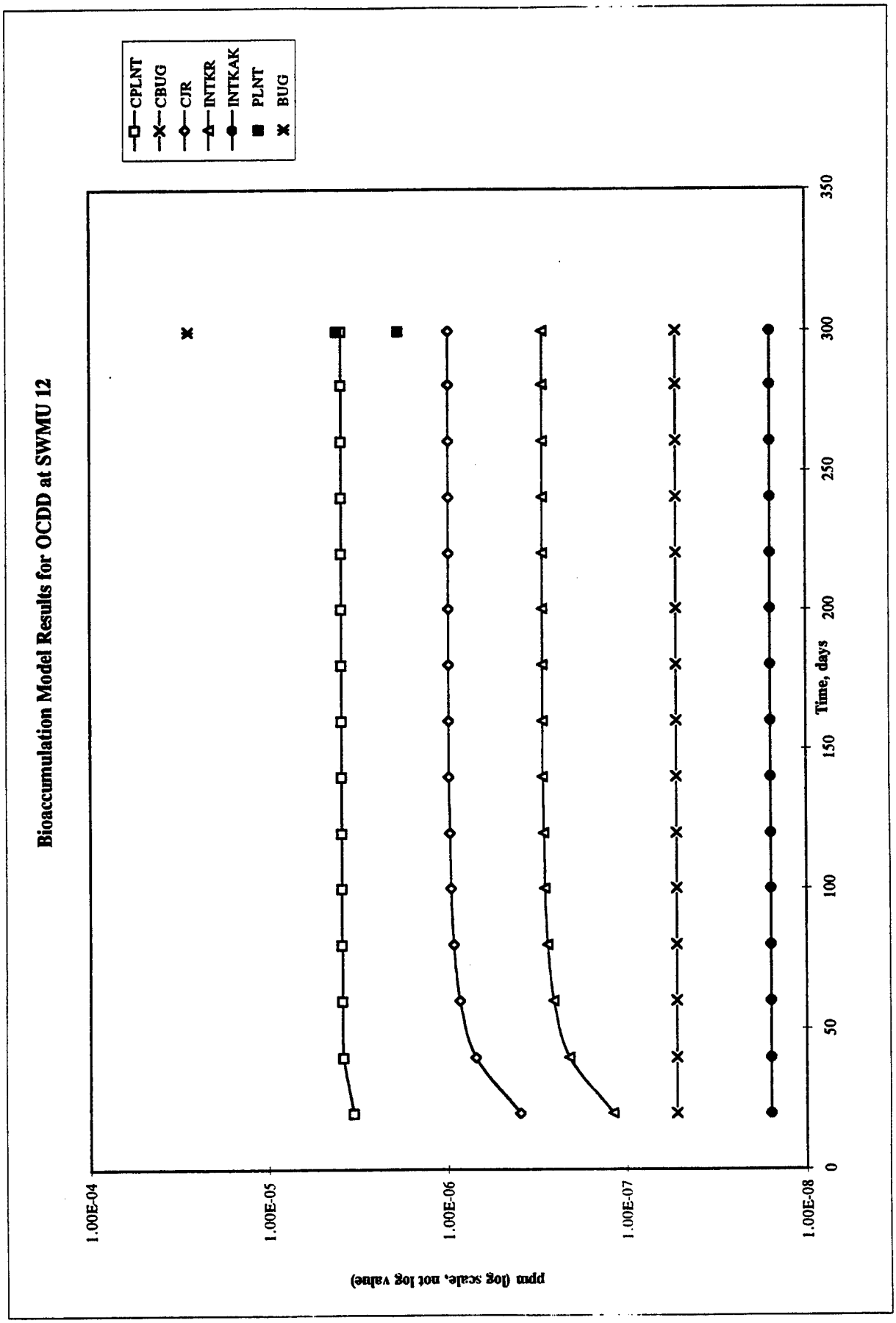

Bioaccumulation Model Results for HpCDD at the RSA
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
ppm (log scale, not log Value)
1.00E-05
1.00E-06
1.00E-07
1.00E-08
0
50
100
150
200
250
300
350
Time, days

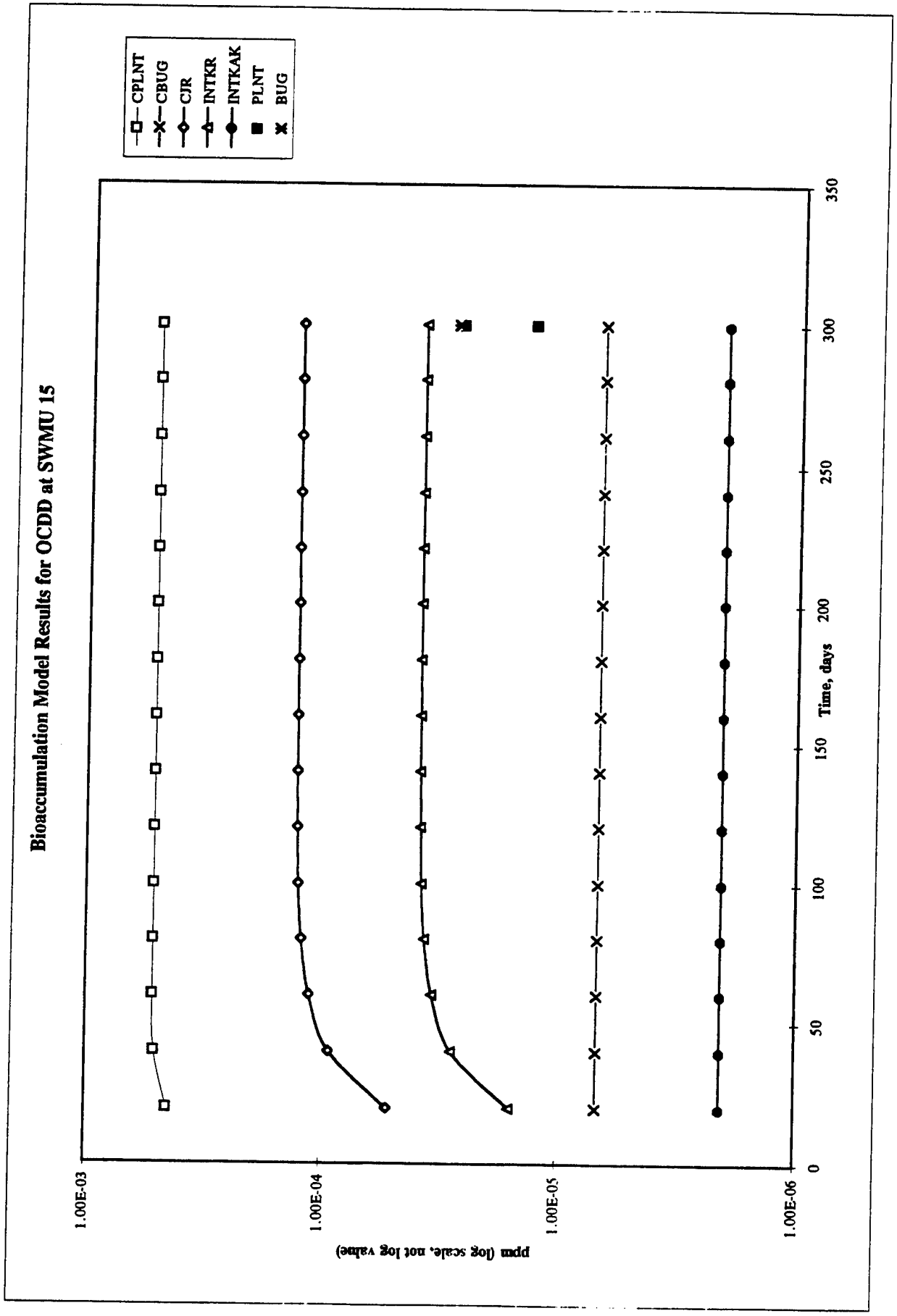

Bioaccumulation Model Results for OCDD at SWMU 1b
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-04
1.00E-05
1.00E-06
1.00E-07
1.00E-08
0
50
100
150
200
250
300
350
Time, days

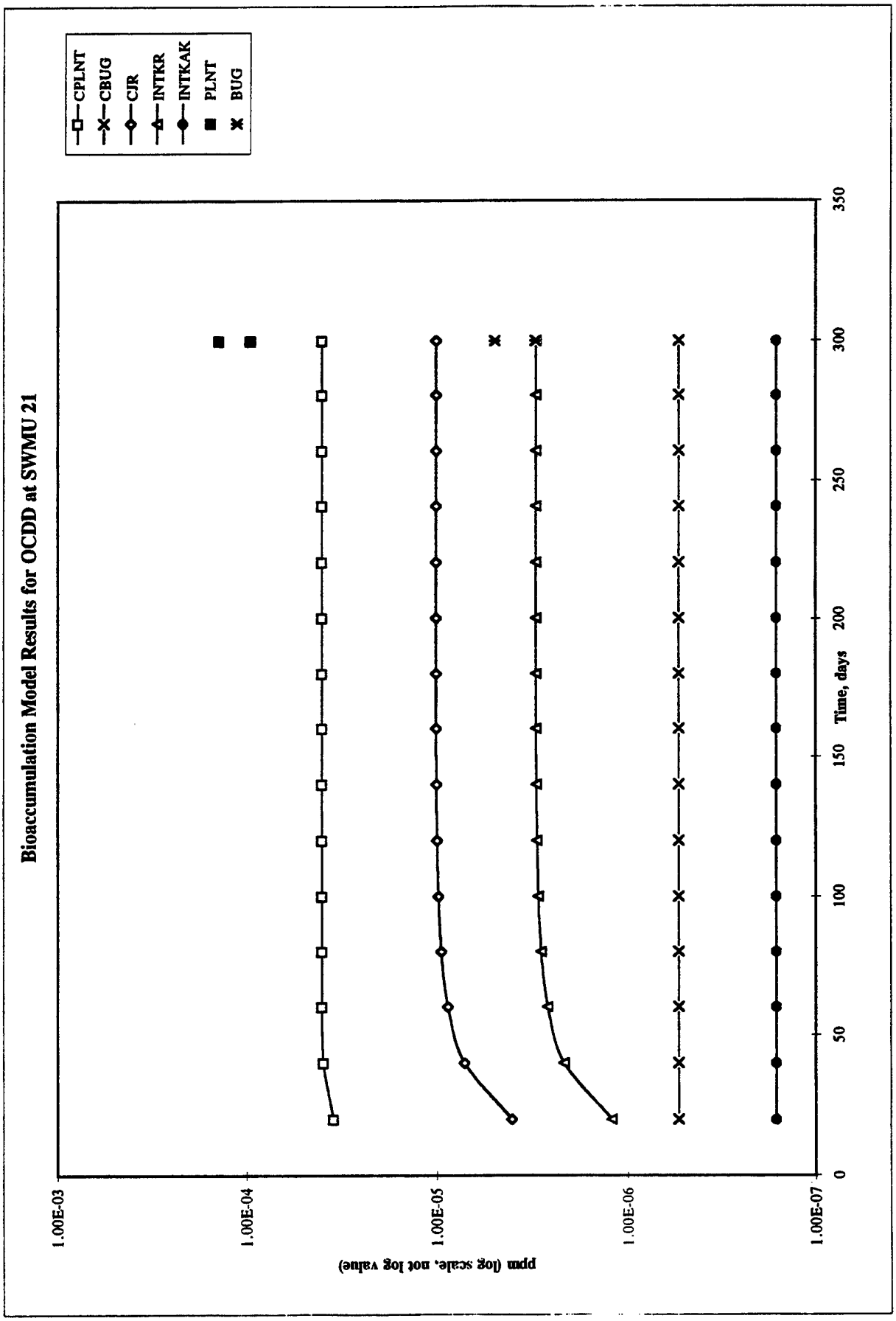

Bioaccumulation Model Results for OCDD at SWMU 1c
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-04
1.00E-05
1.00E-06
1.00E-07
1.00E-08
0
50
100
150
200
250
300
350
Time, days

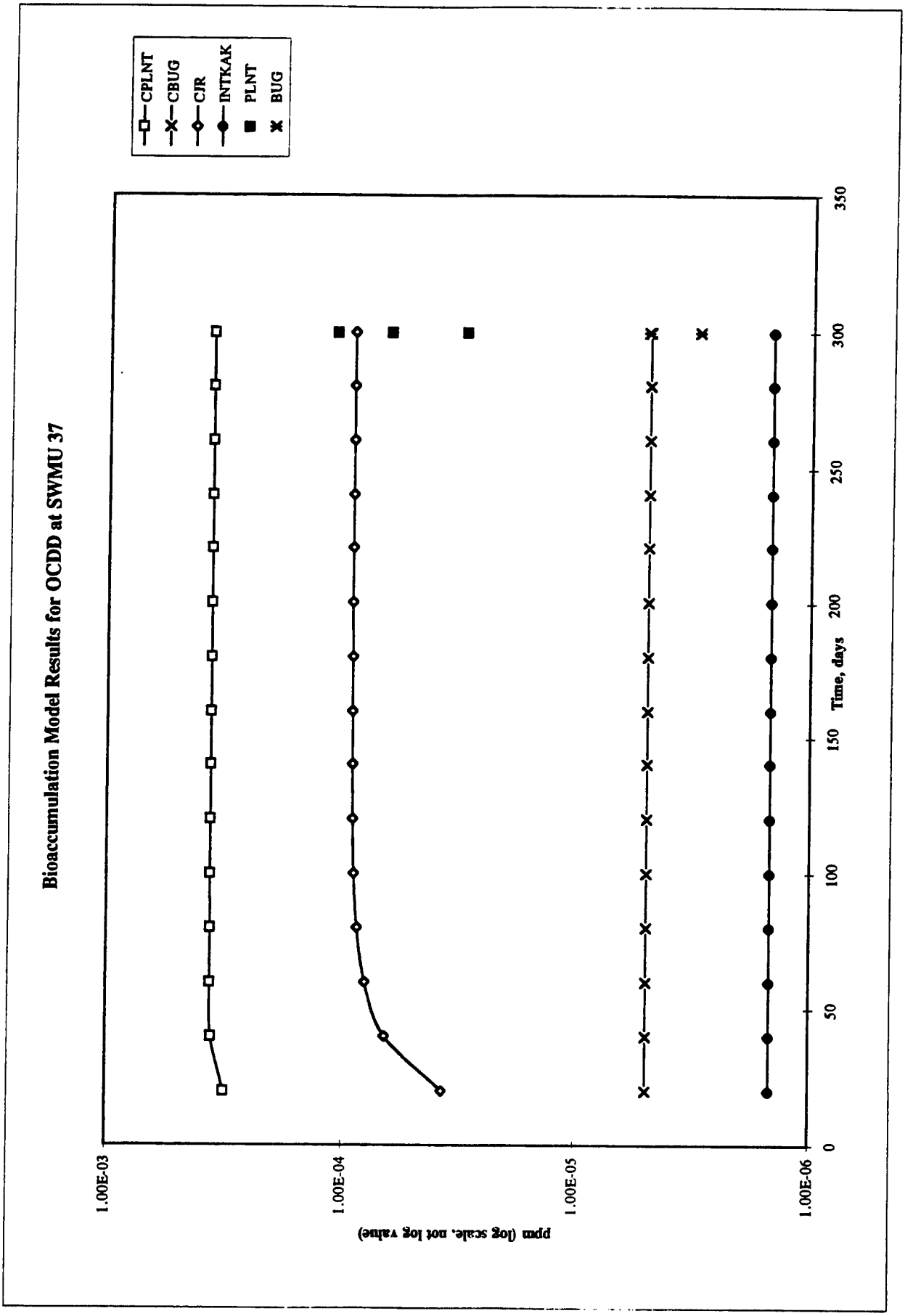

Bioaccumulation Model Results for OCDD at SWMU 10
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-03
1.00E-04
1.00E-05
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

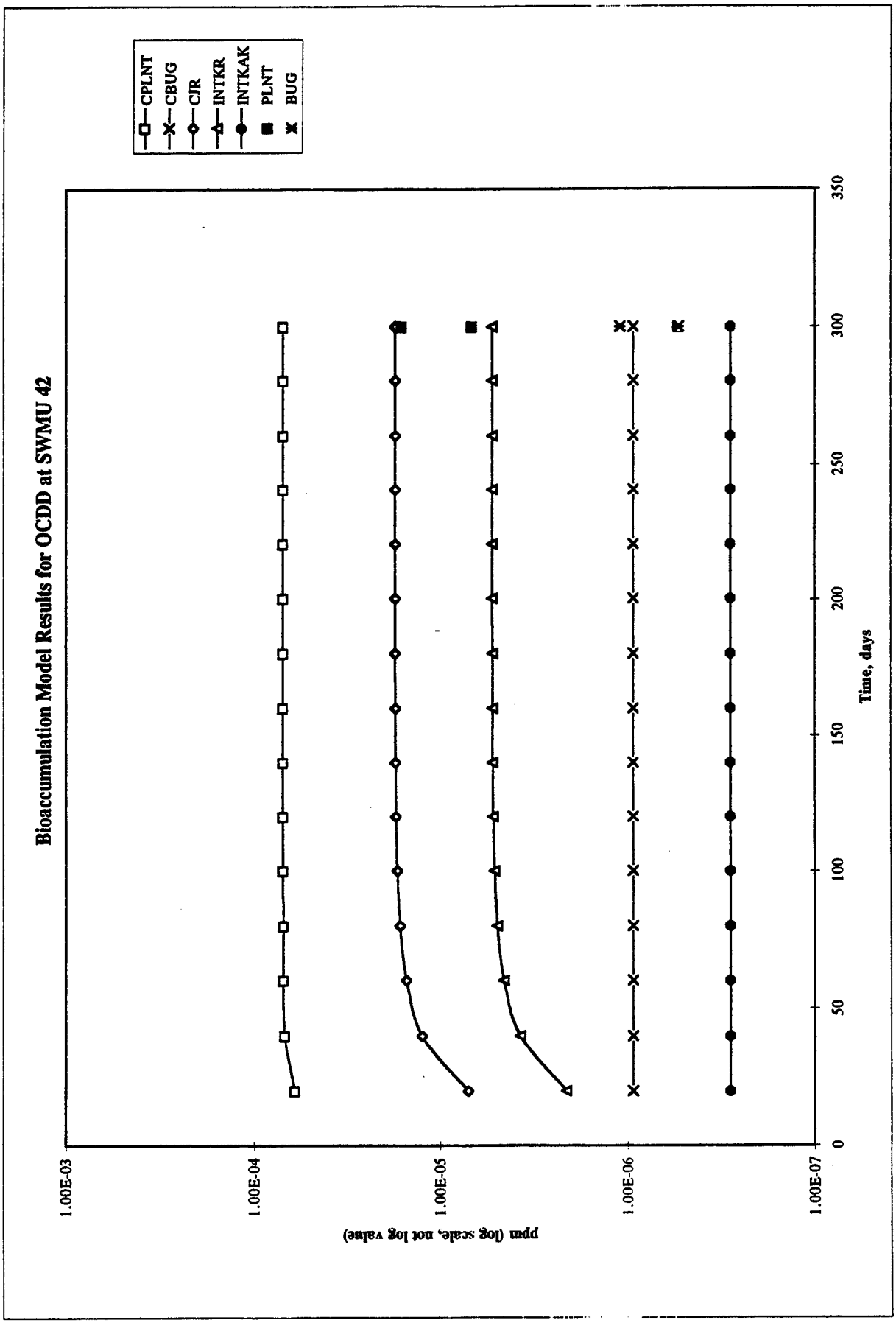

Bioaccumulation Model Results for OCDD at SWMU 11
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
1.00E-03
1.00E-04
1.00E-05
1.00E-06
1.00E-07
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

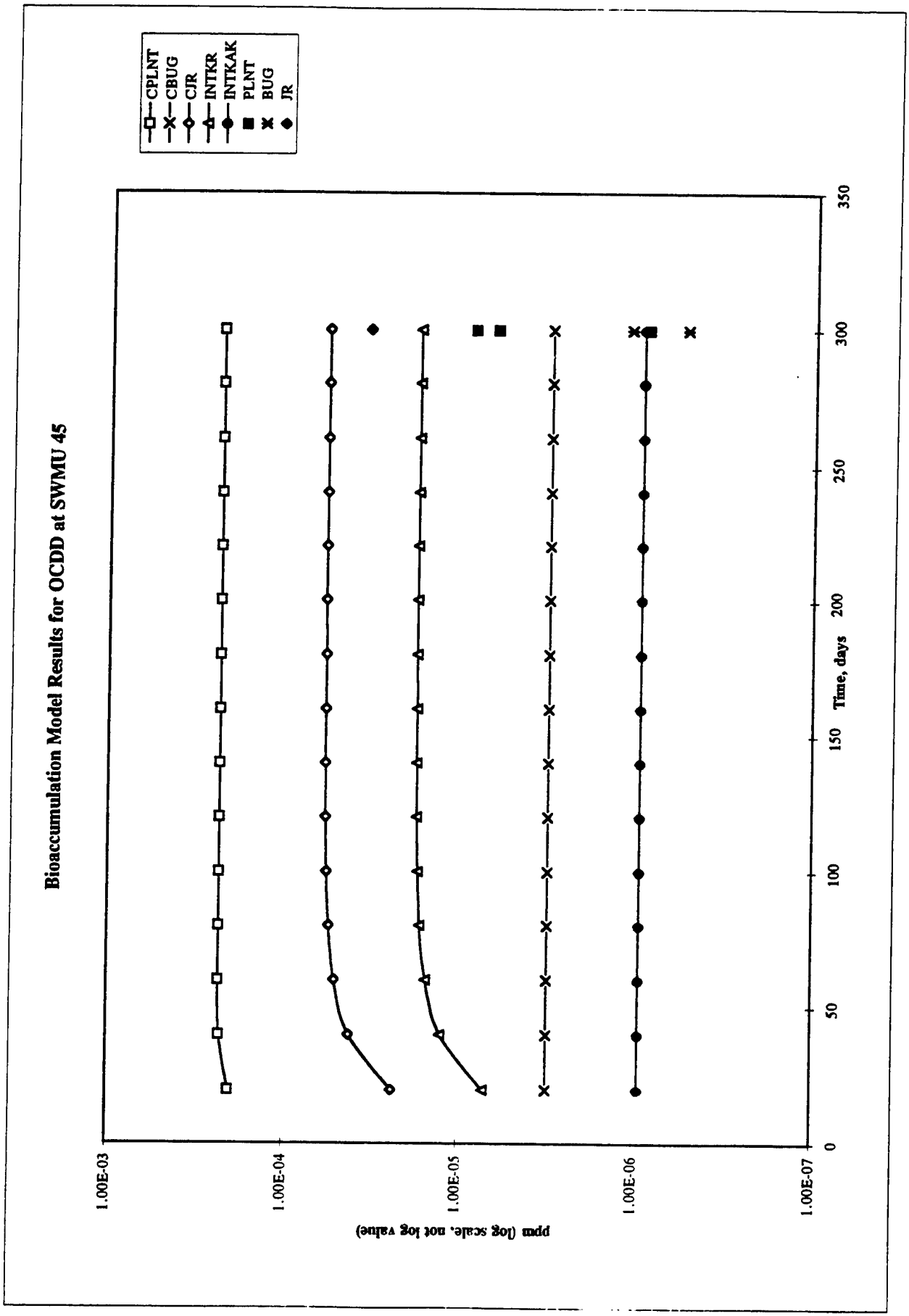

Bioaccumulation Model Results for OCDD at SWMU 12
CPLNT
CBUG
CIR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-04
1.00E-05
1.00E-06
1.00E-07
1.00E-08
0
50
100
150
200
250
300
350
Time, days

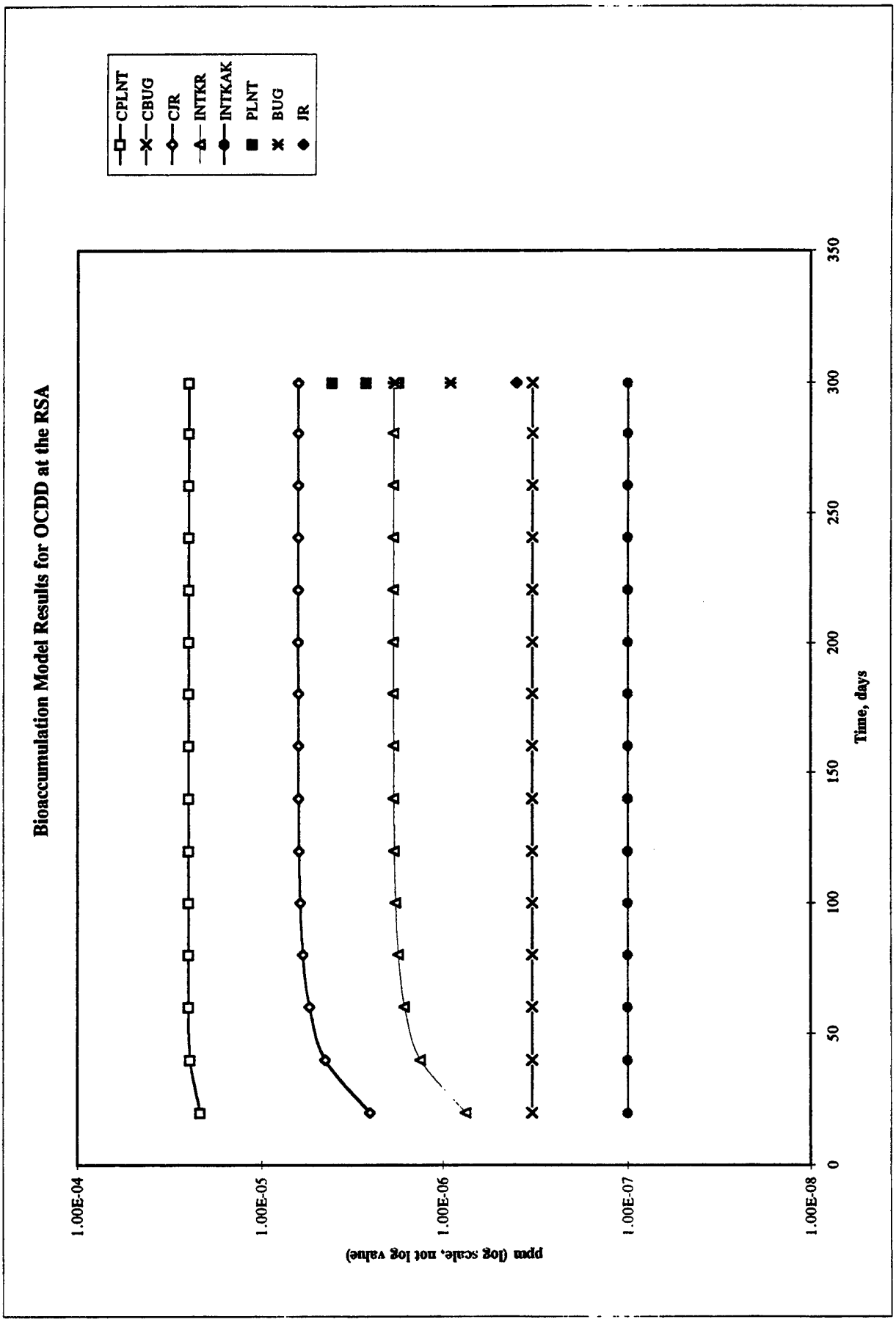

Bioaccumulation Model Results for OCDD at SWMU 15
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-03
1.00E-04
1.00E-05
1.00E-06
0
50
100
150
200
250
300
350
Time, days

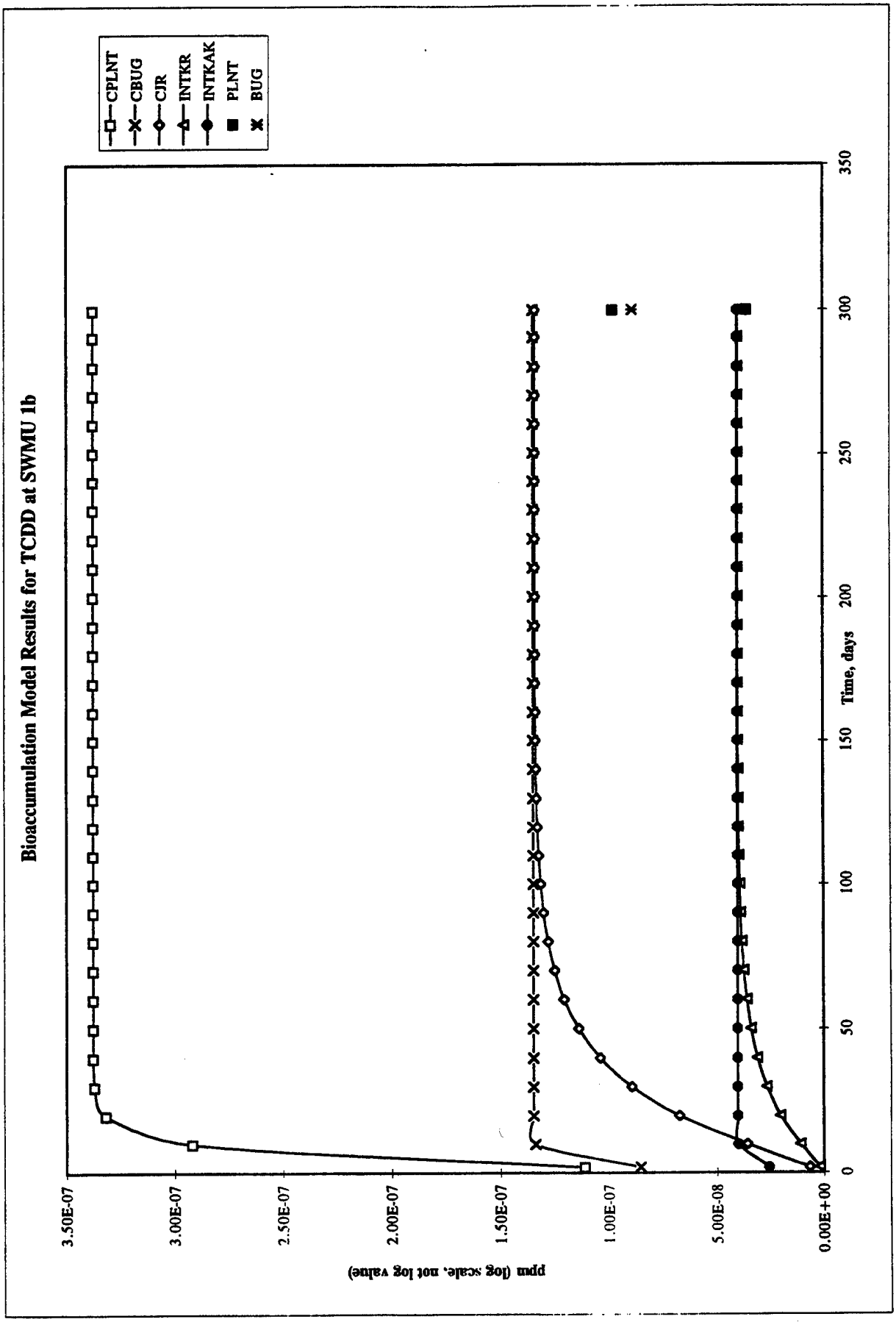

Bioaccumulation Model Results for OCDD at SWMU 21
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-03
1.00E-04
1.00E-05
1.00E-06
1.00E-07
0
50
100
150
200
250
300
350
Time, days

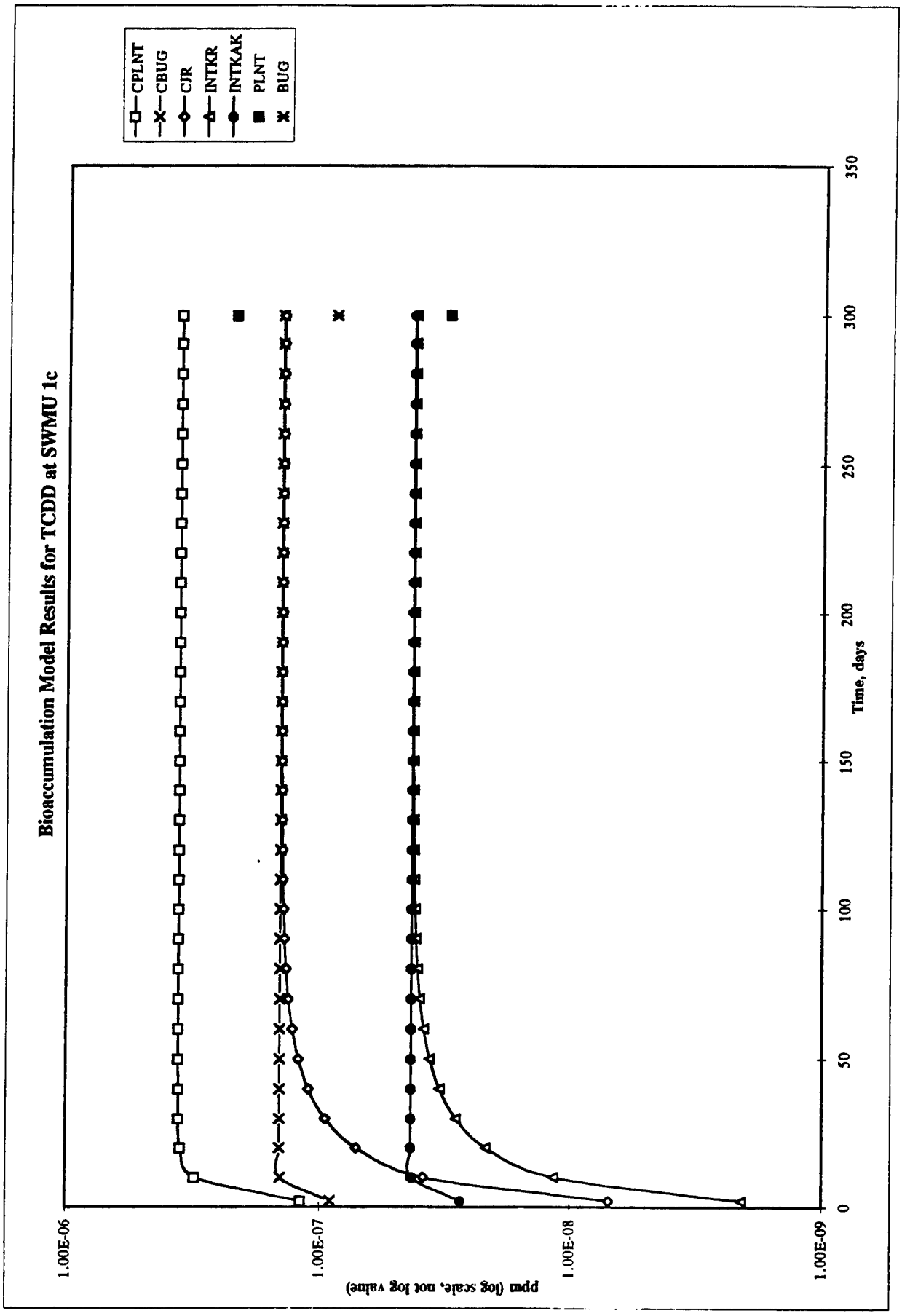

Bioaccumulation Model Results for OCDD at SWMU 37
CPLNT
CBUG
CJR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-03
1.00E-04
1.00E-05
1.00E-06
0
50
100
150
200
250
300
350
Time, days

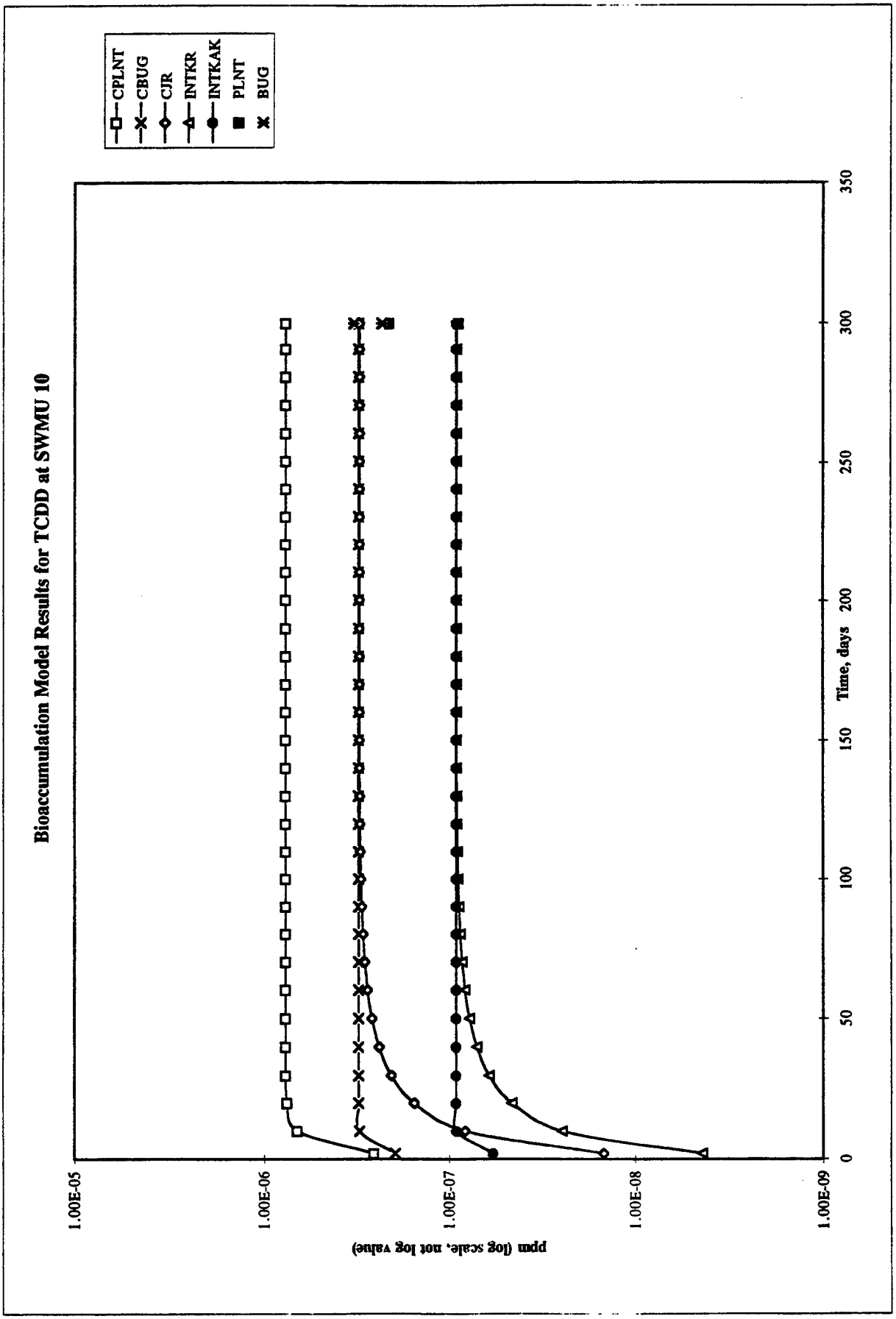

Bioaccumulation Model Results for OCDD at SWMU 42
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
1.00E-03
1.00E-04
1.00E-05
1.00E-06
1.00E-07
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

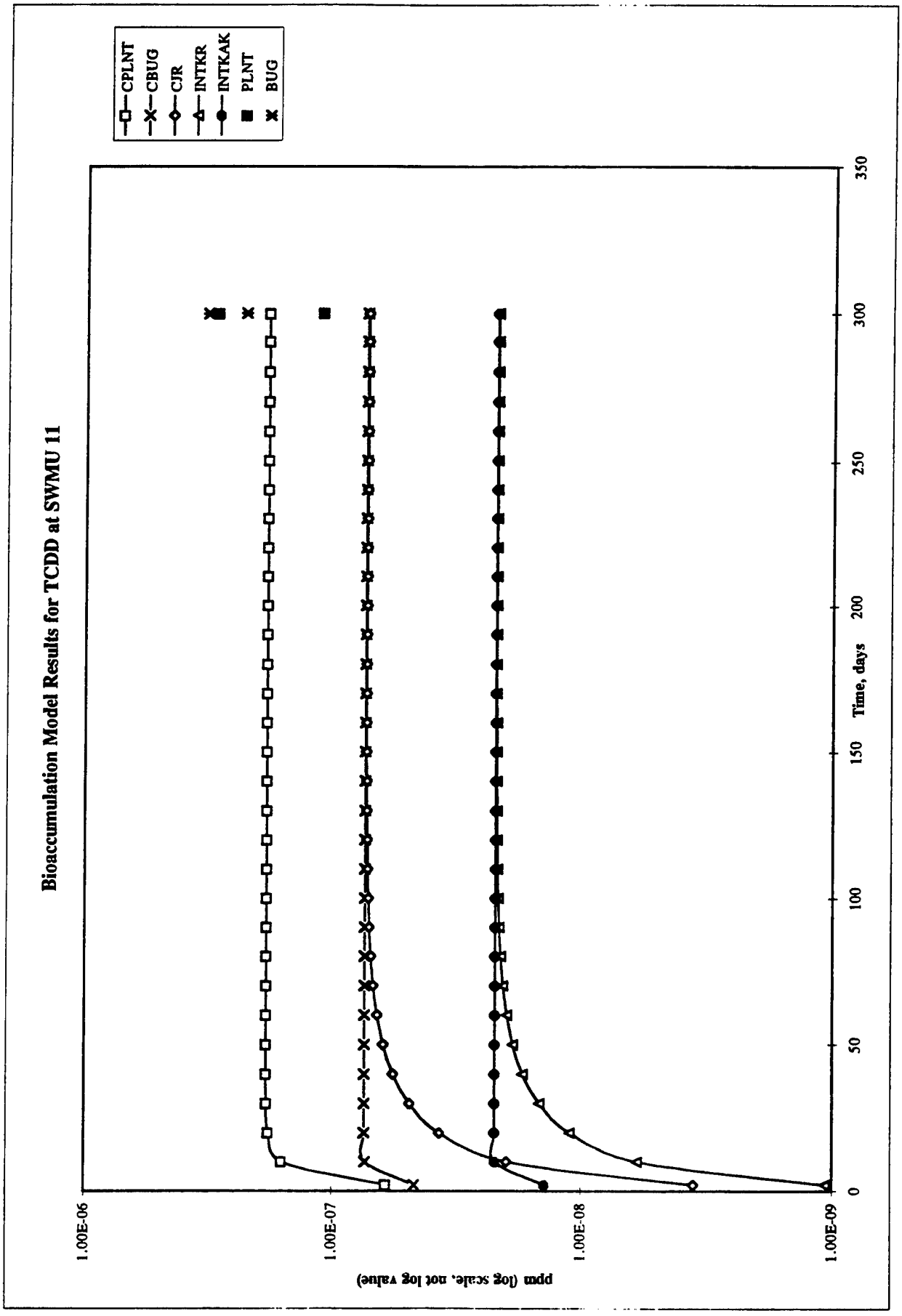

Bioaccumulation Model Results for OCDD at SWMU 45
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
ppm (log scale, not log value)
1.00E-03
1.00E-04
1.00E-05
1.00E-06
1.00E-07
0
50
100
150
200
250
300
350
Time, days

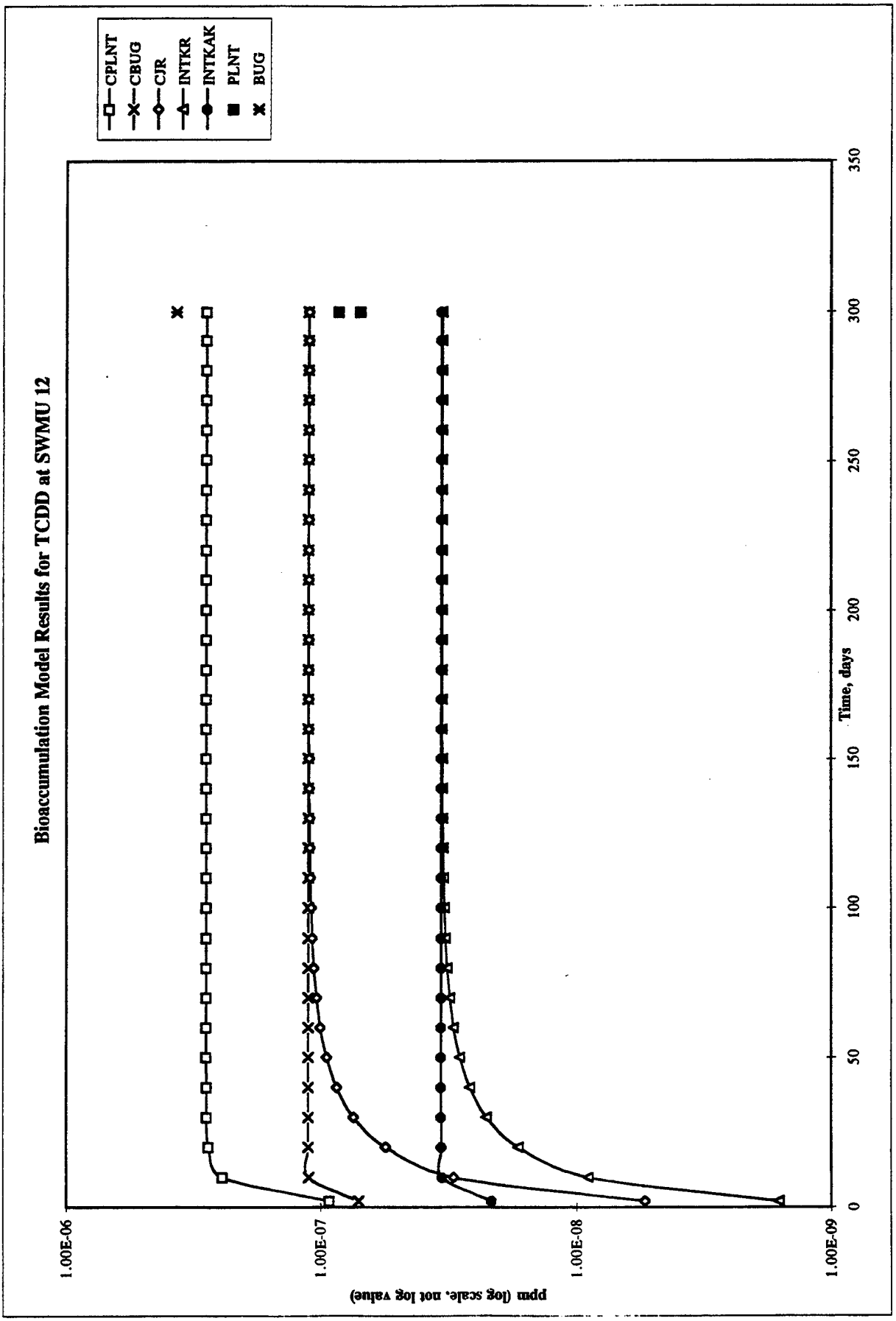

Bioaccumulation Model Results for OCDD at the RSA
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
ppm (log scale, not log value)
1.00E-04
1.00E-05
1.00E-06
1.00E-07
1.00E-08
0
50
100
150
200
250
300
350
Time, days

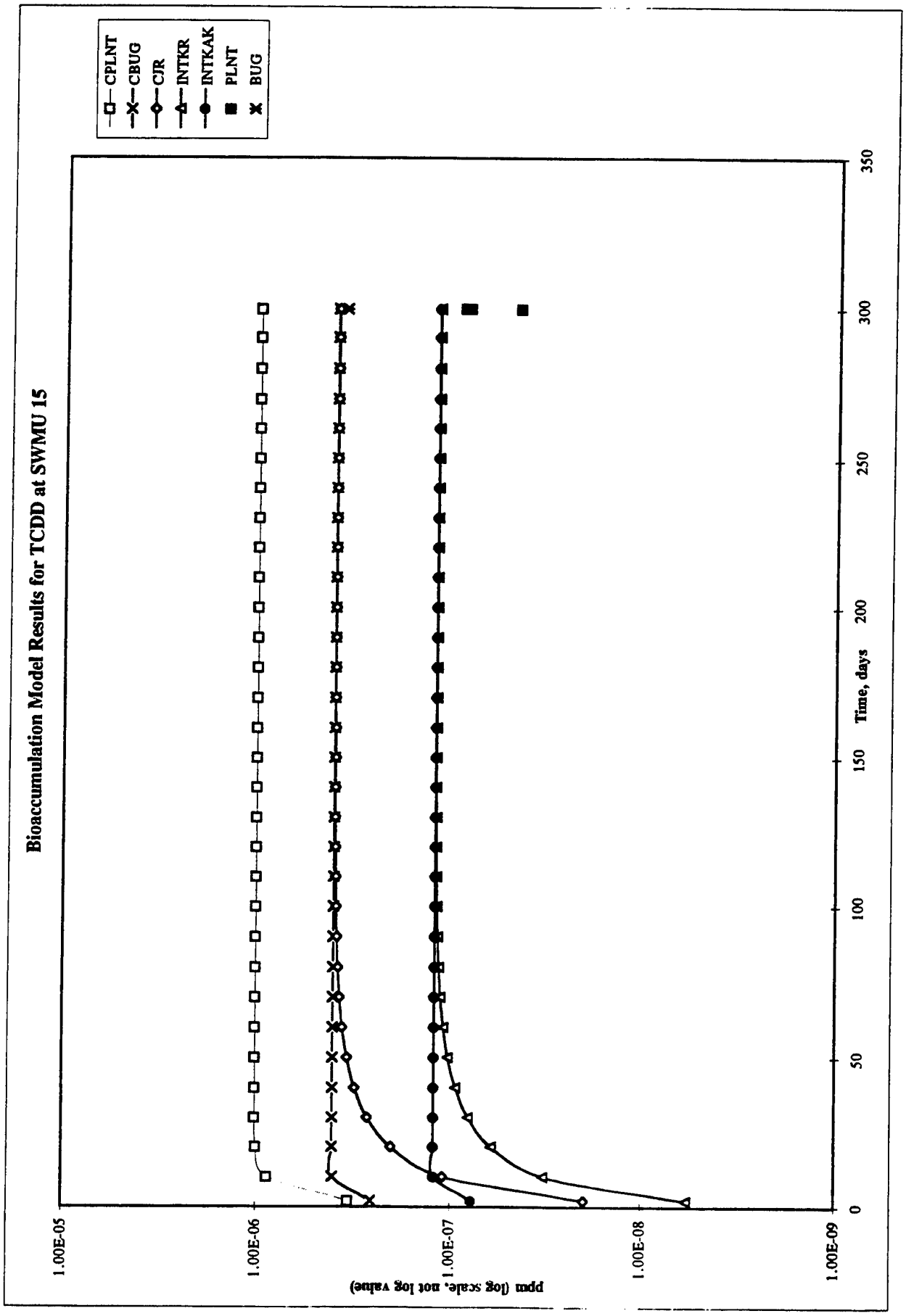

Bioaccumulation Model Results for TCDD at SWMU 1b
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
3.50E-07
3.00E-07
2.50E-07
2.00E-07
1.50E-07
1.00E-07
5.00E-08
0.00E+00
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

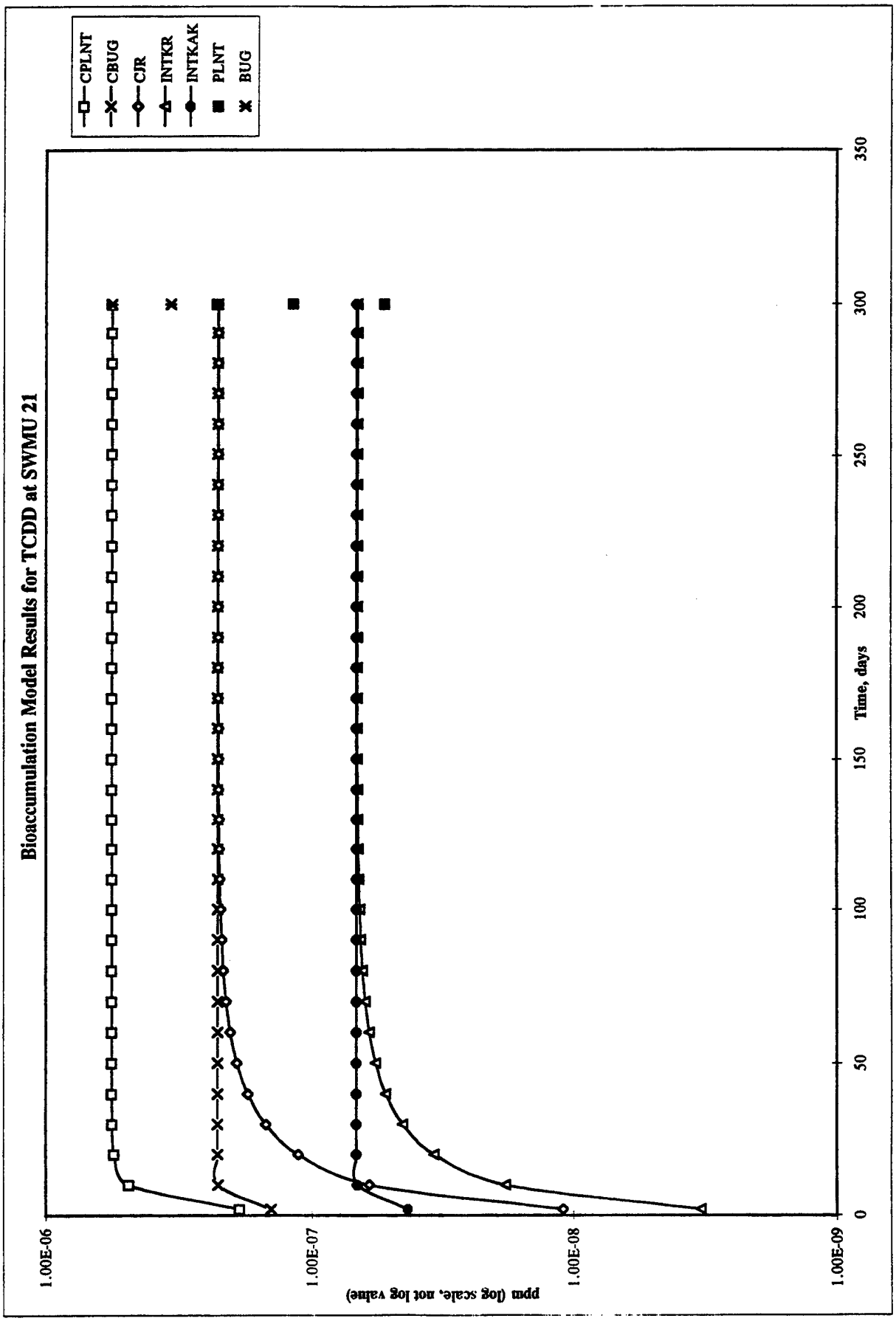

Bioaccumulation Model Results for TCDD at SWMU 1c
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

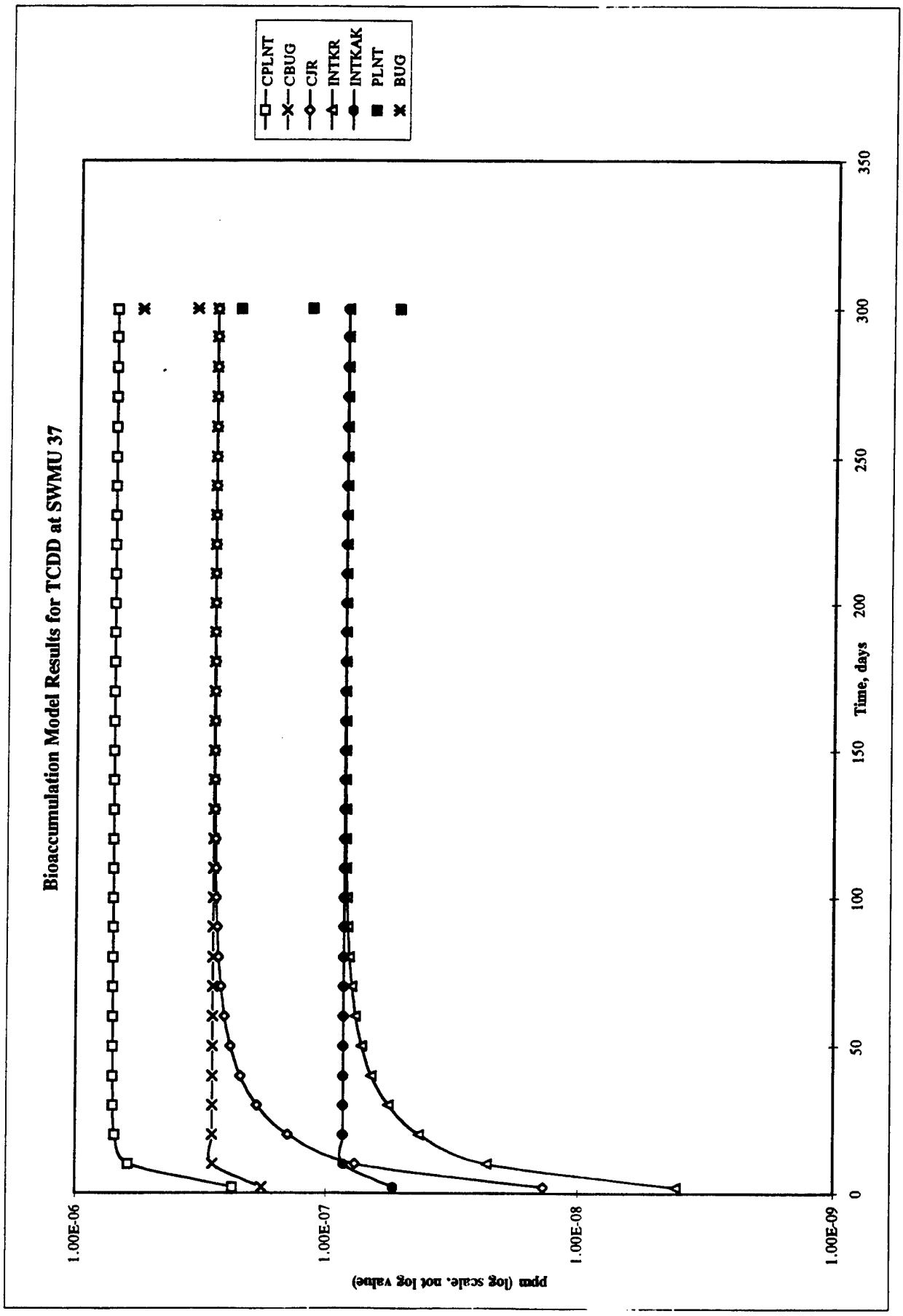

Bioaccumulation Model Results for TCDD at SWMU 10
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-05
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

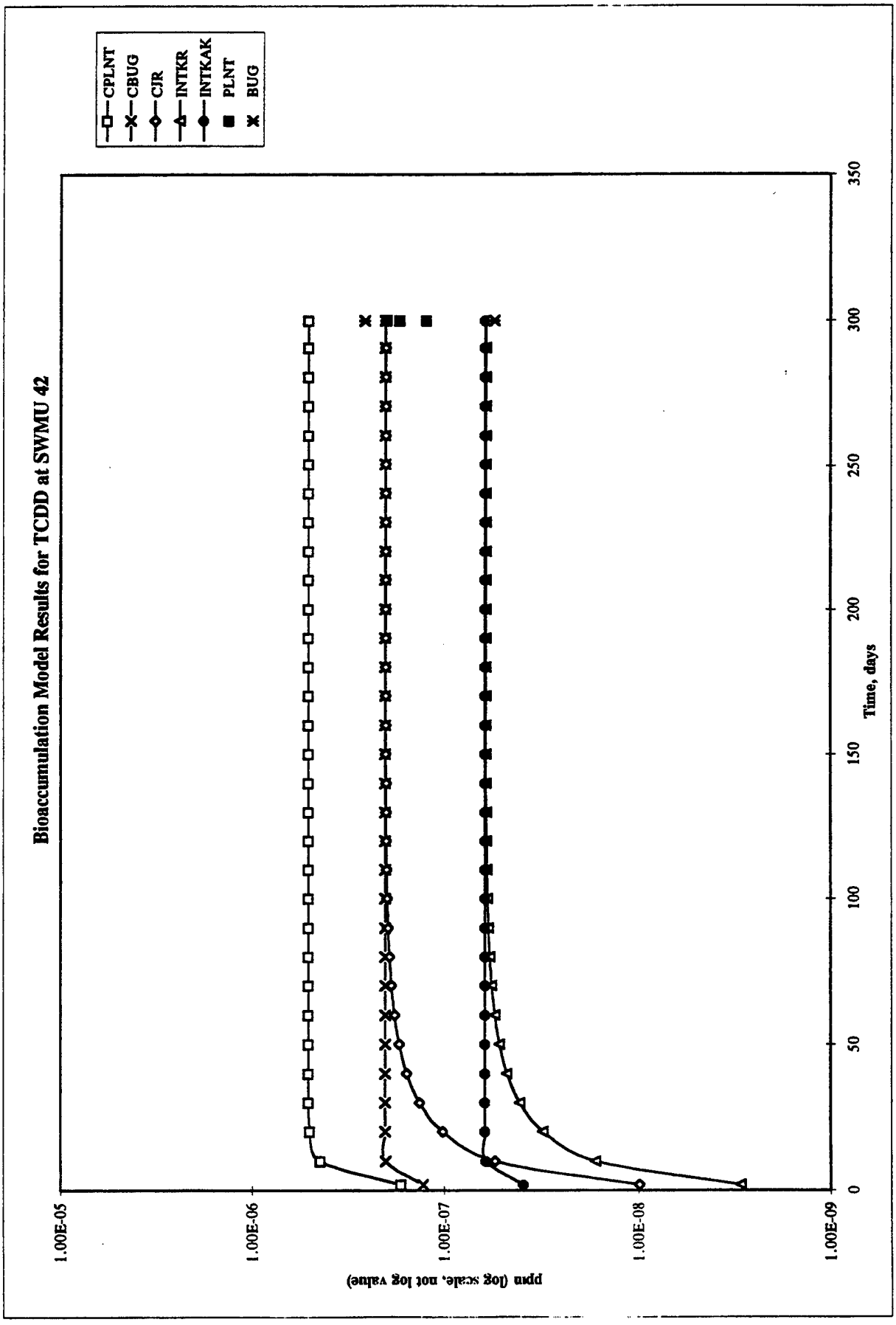

Bioaccumulation Model Results for TCDD at SWMU 11
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
1.00E-06
1.00E-07
1.00E-08
1.00E-09
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

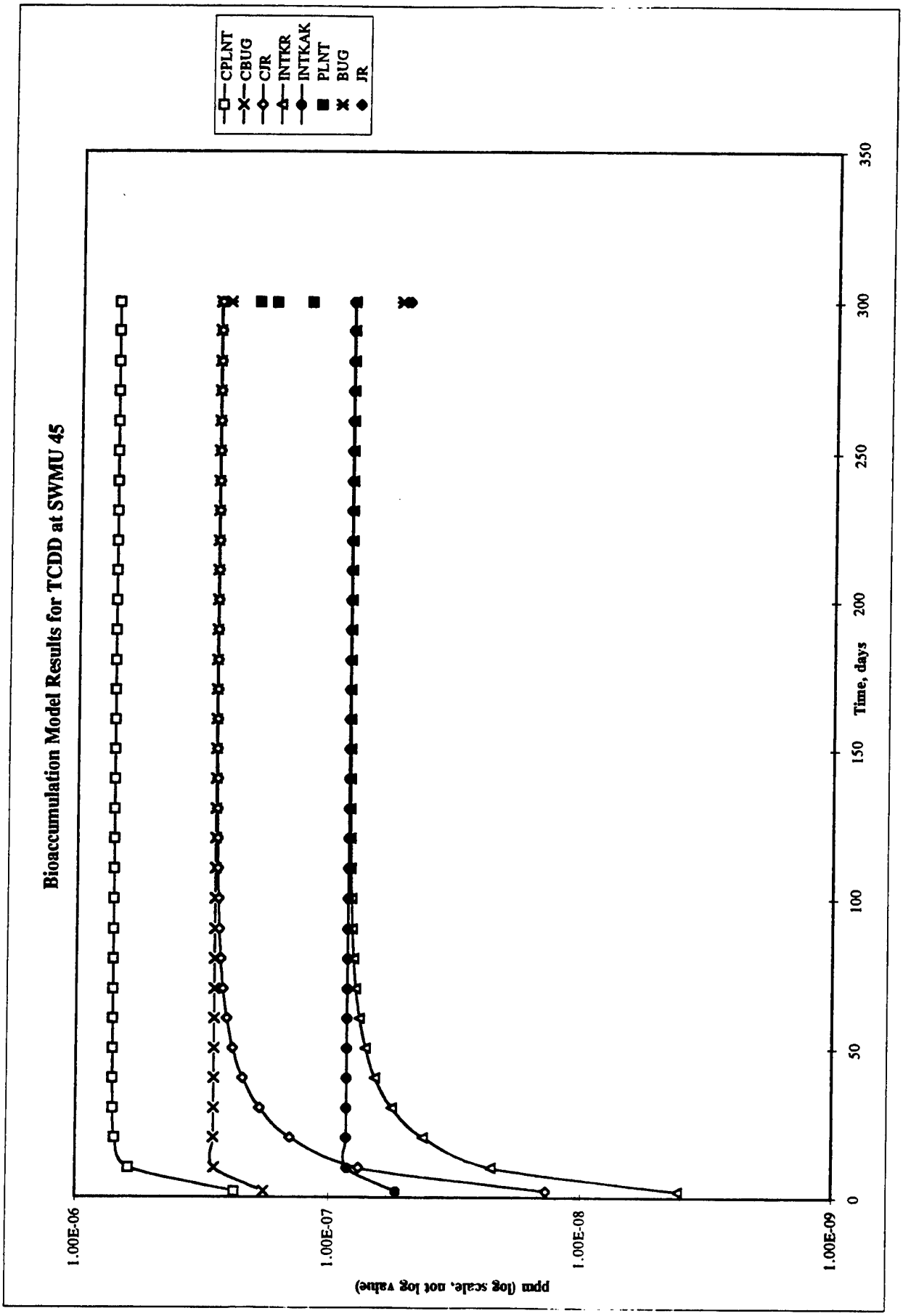

Bioaccumulation Model Results for TCDD at SWMU 12
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

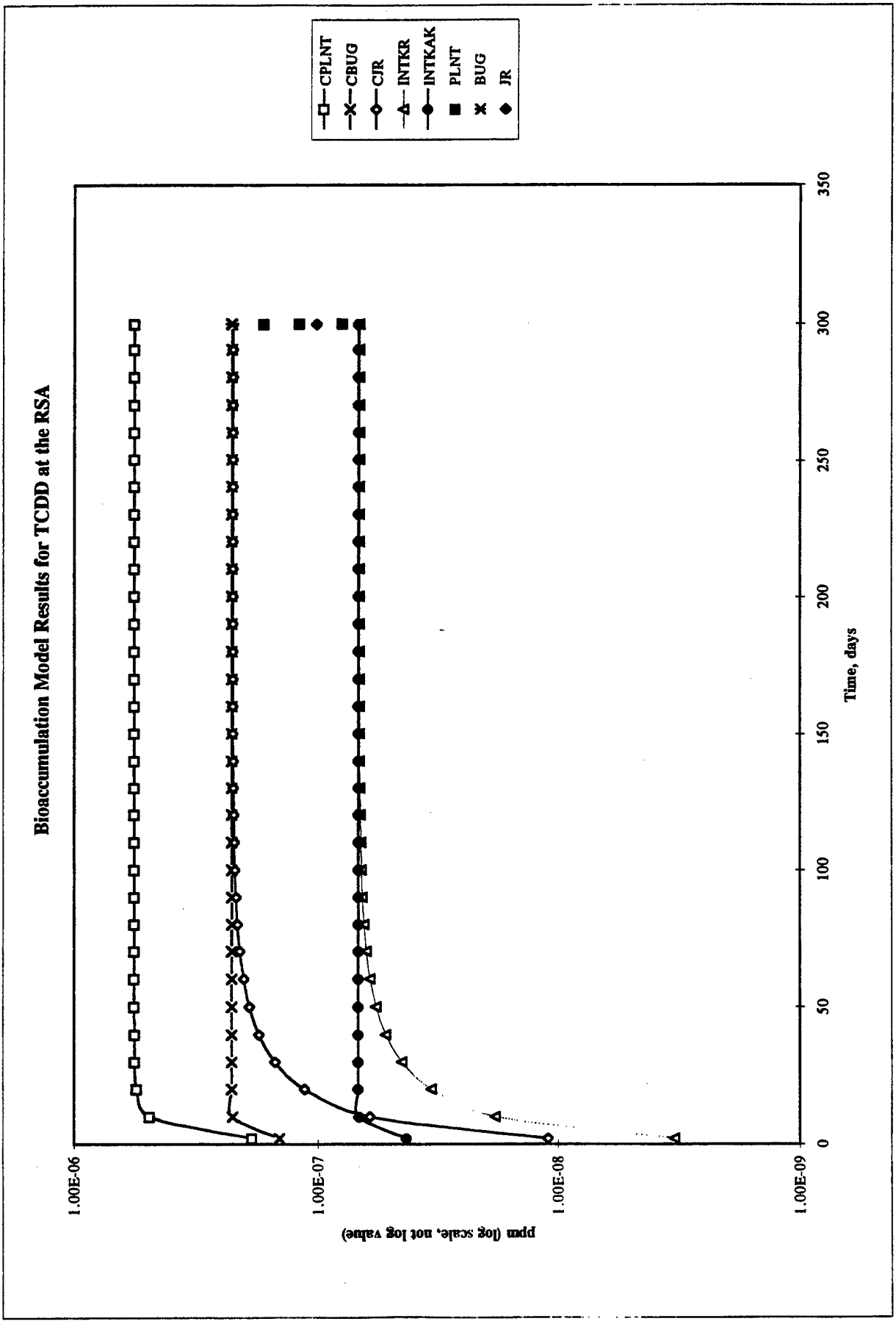

Bioaccumulation Model Results for TCDD at SWMU 15
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-05
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

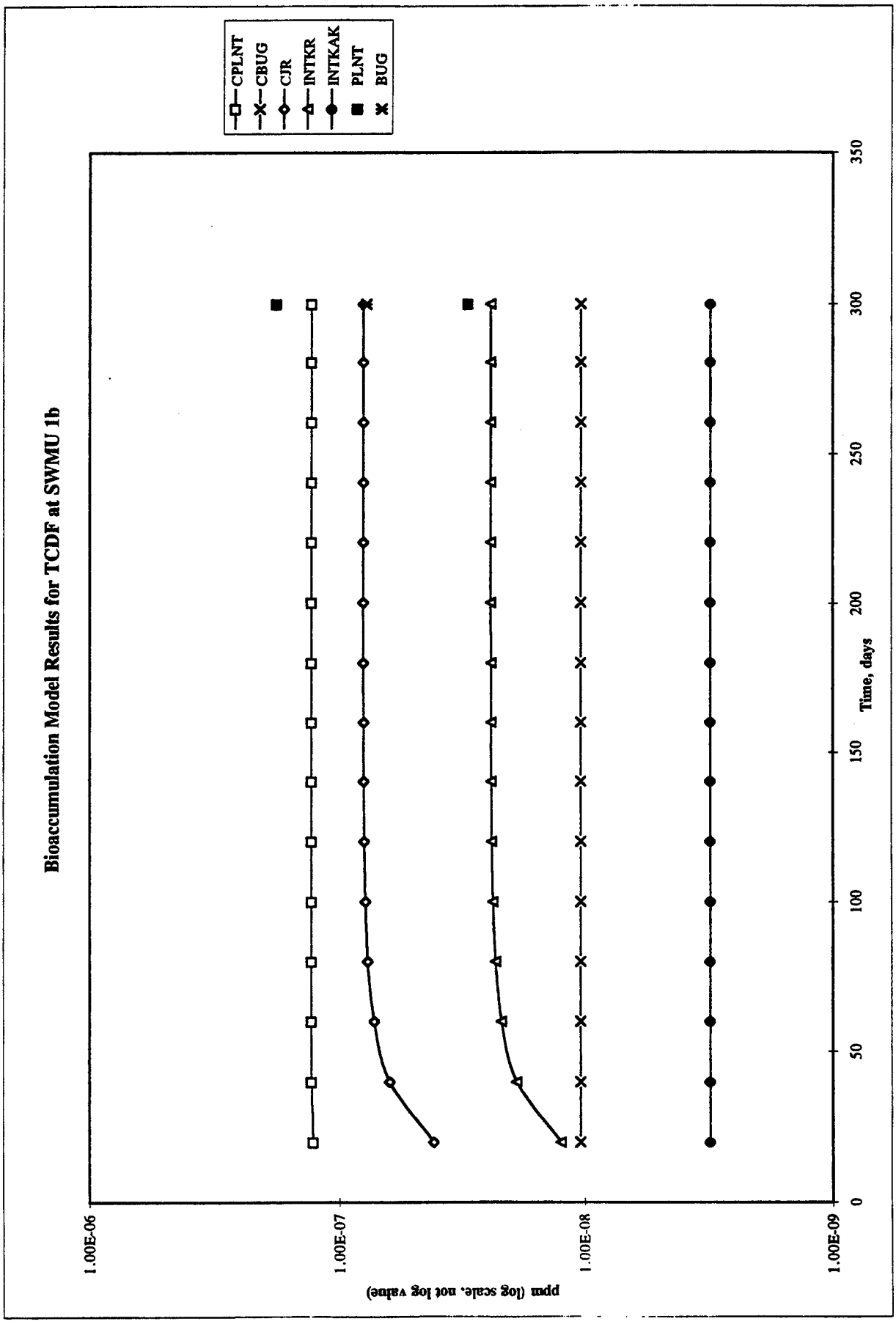

Bioaccumulation Model Results for TCDD at SWMU 21
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

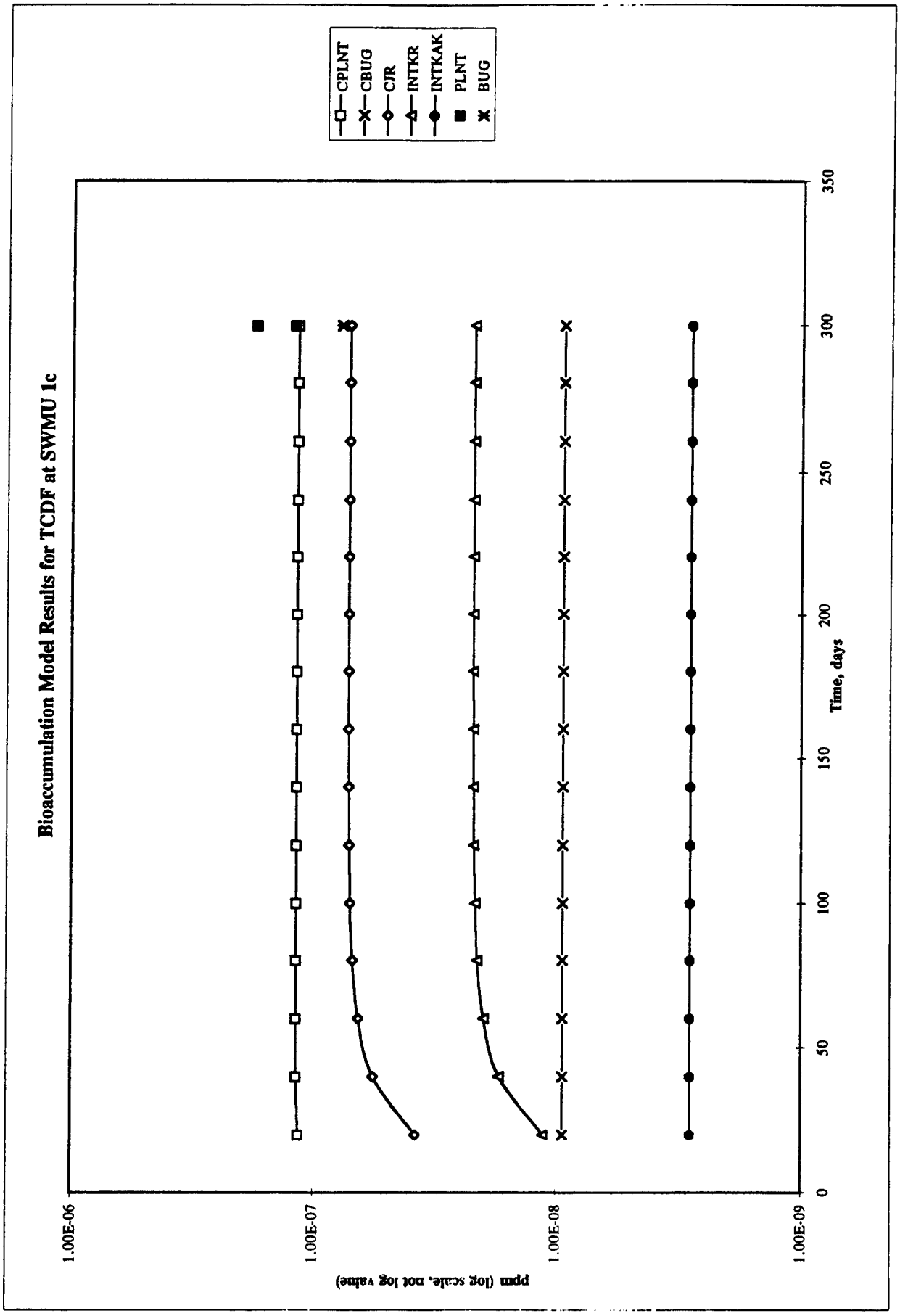

Bioaccumulation Model Results for TCDD at SWMU 37
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

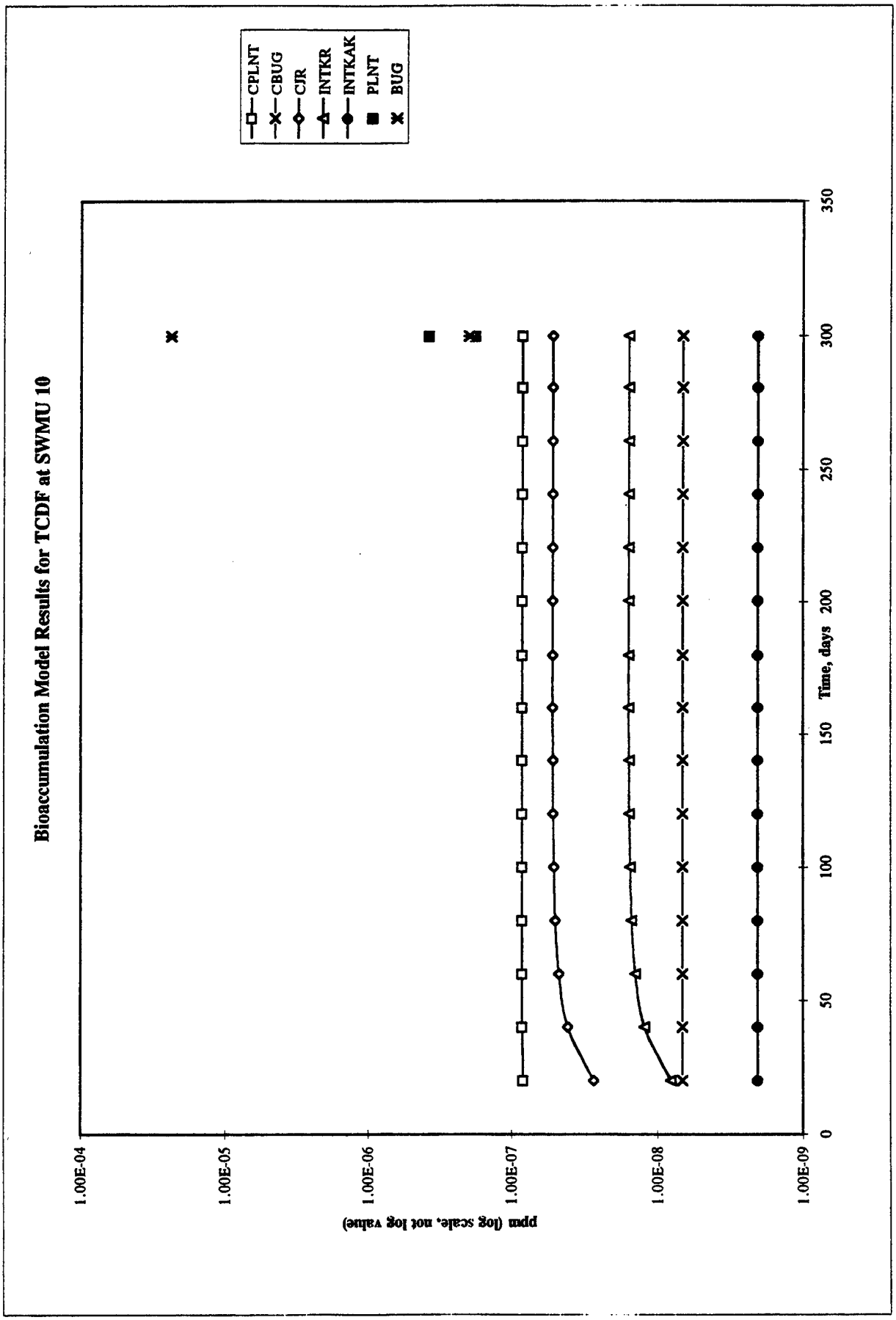

Bioaccumulation Model Results for TCDD at SWMU 42
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-05
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

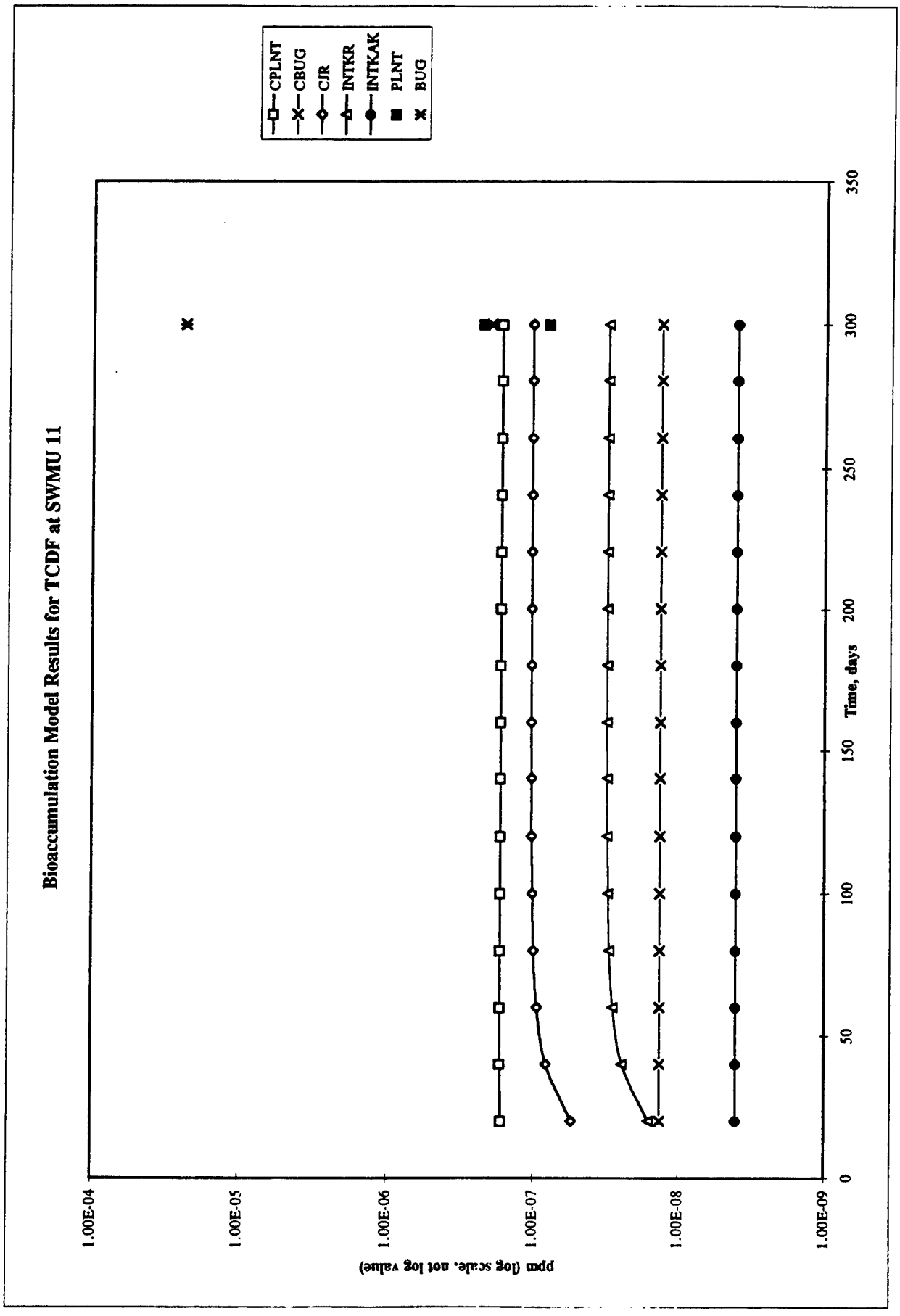

Bioaccumulation Model Results for TCDD at SWMU 45
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
ppm (log scale, not log value)
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

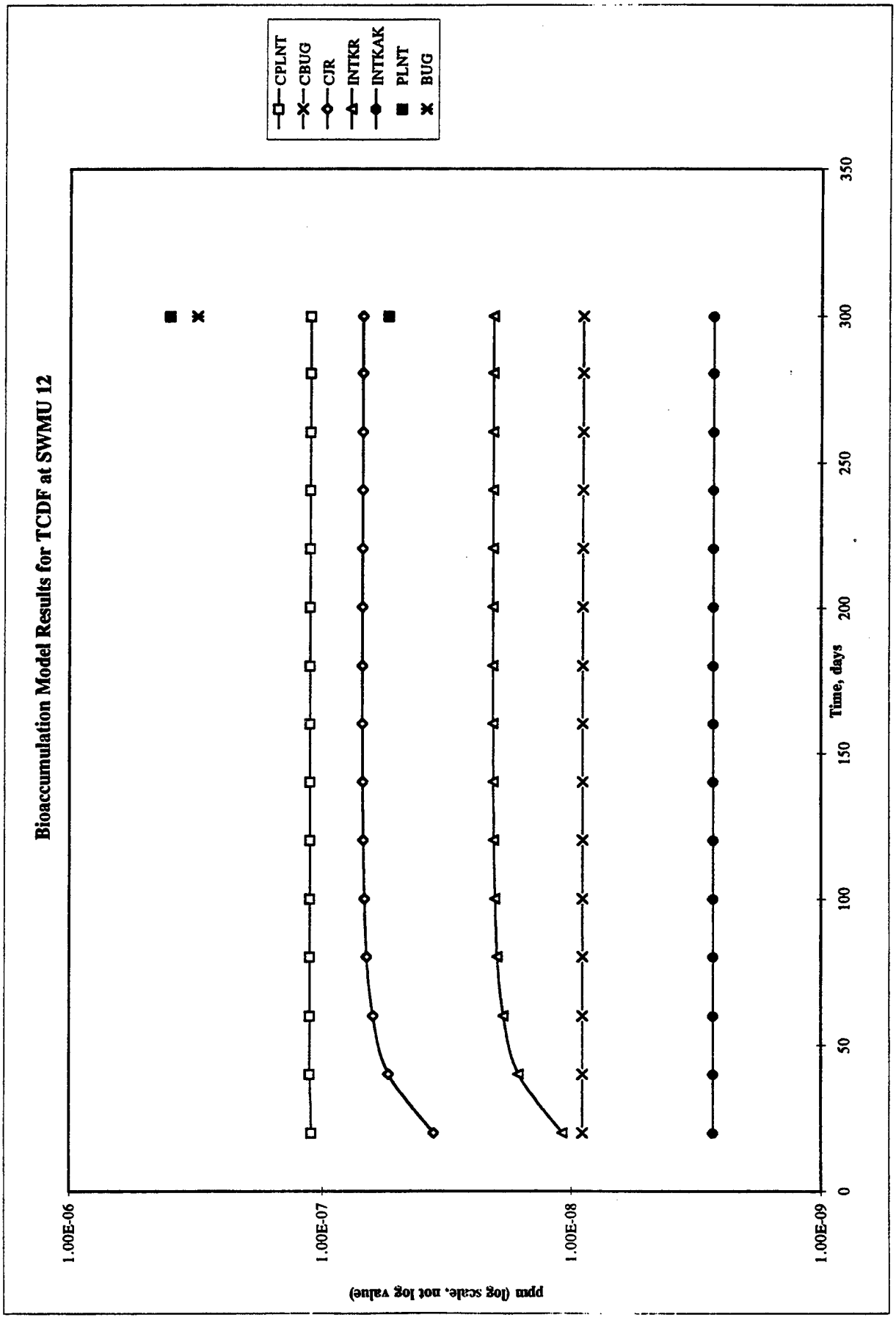

Bioaccumulation Model Results for TCDD at the RSA
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
ppm (log scale, not log value)
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

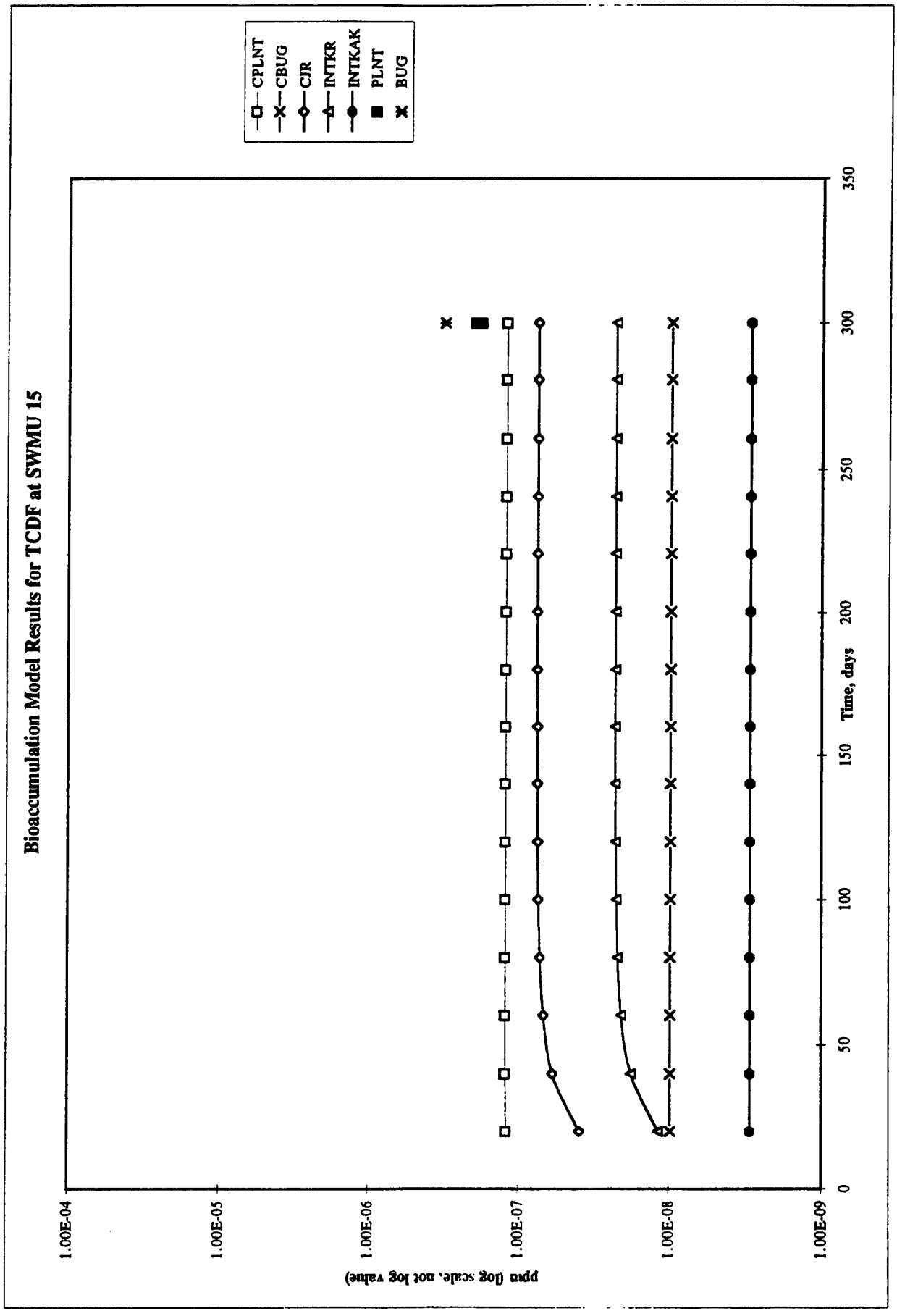

Bioaccumulation Model Results for TCDF at SWMU 1b
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

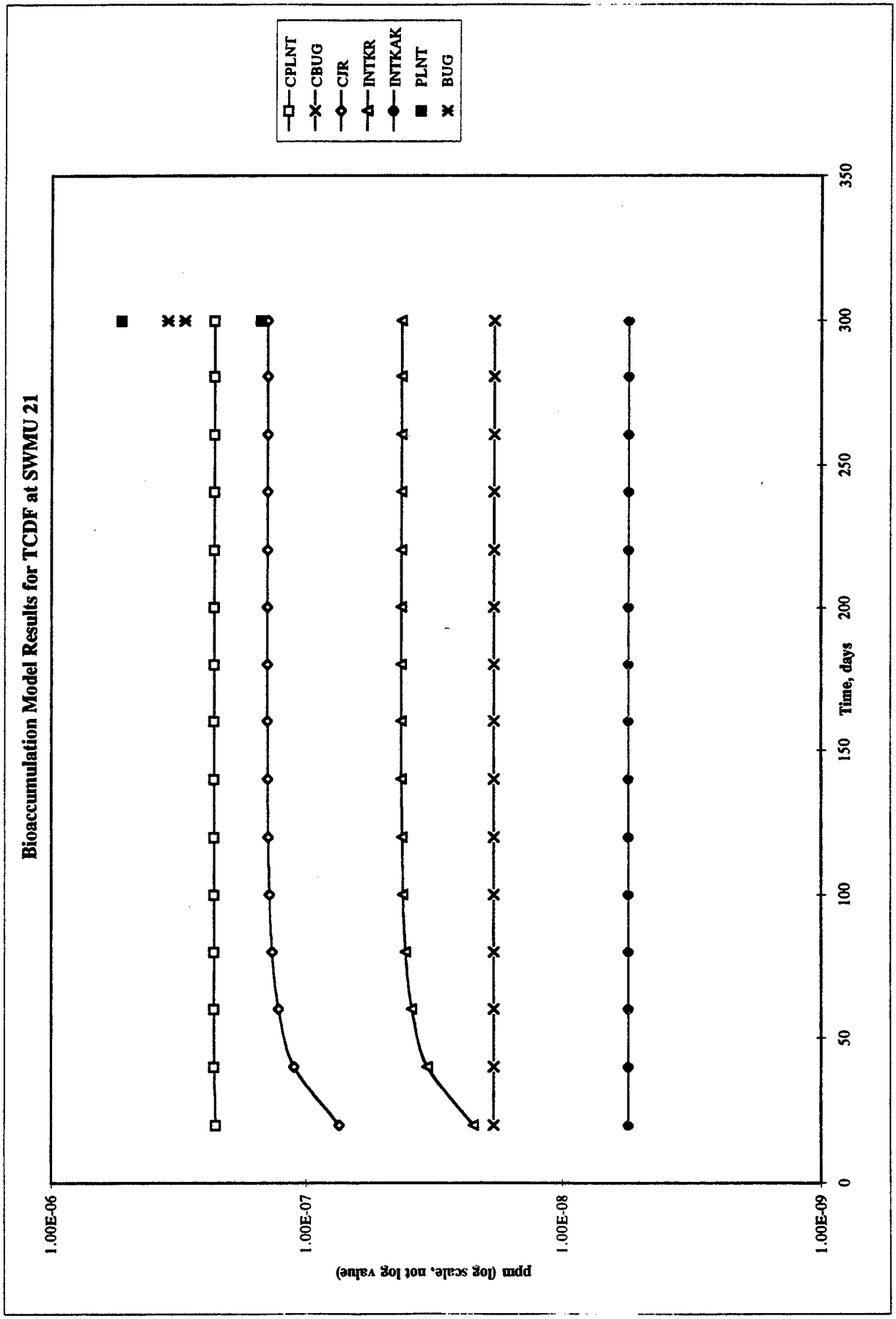

Bioaccumulation Model Results for TCDF at SWMU 1c
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

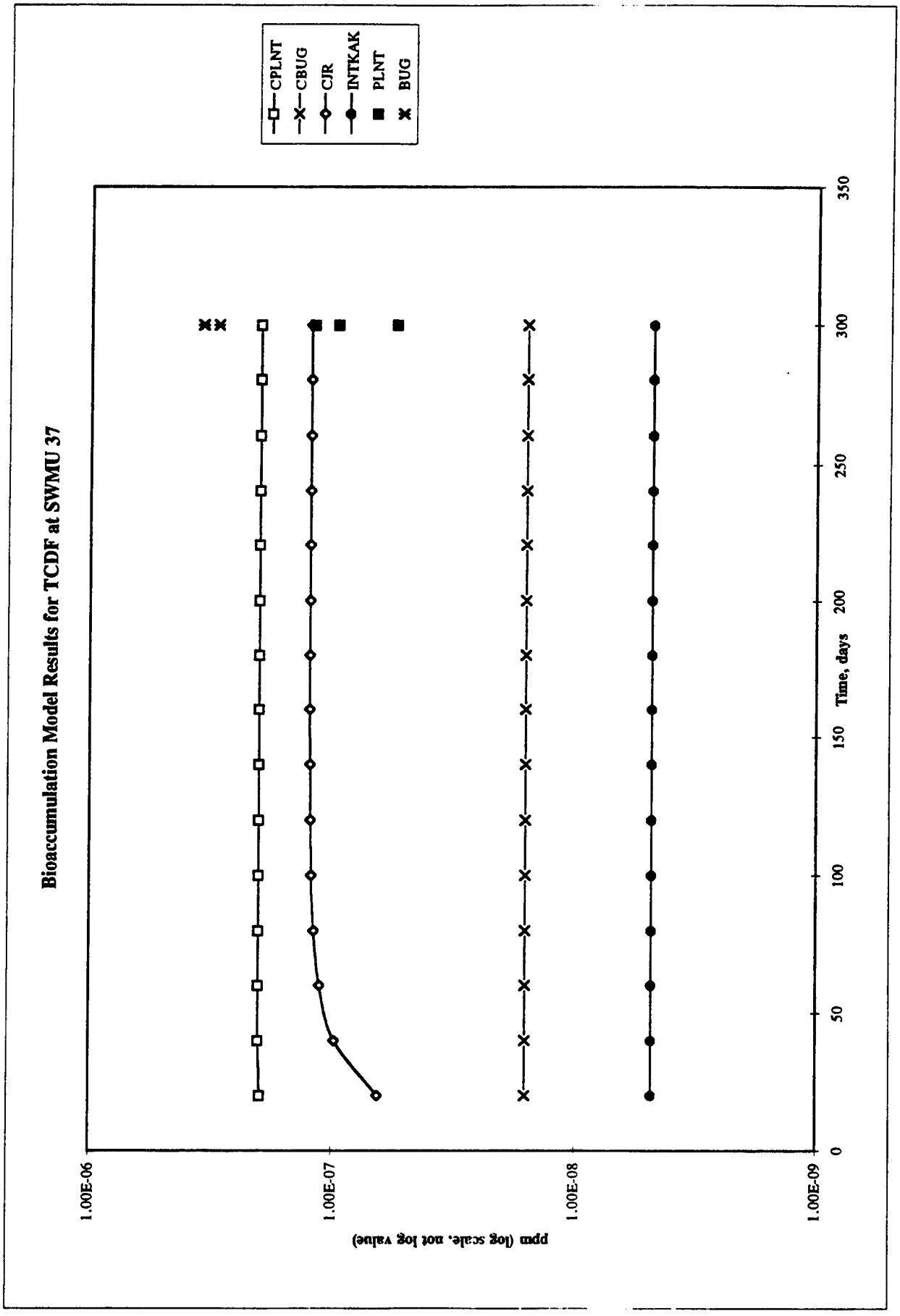

Bioaccumulation Model Results for TCDF at SWMU 10
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-04
1.00E-05
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

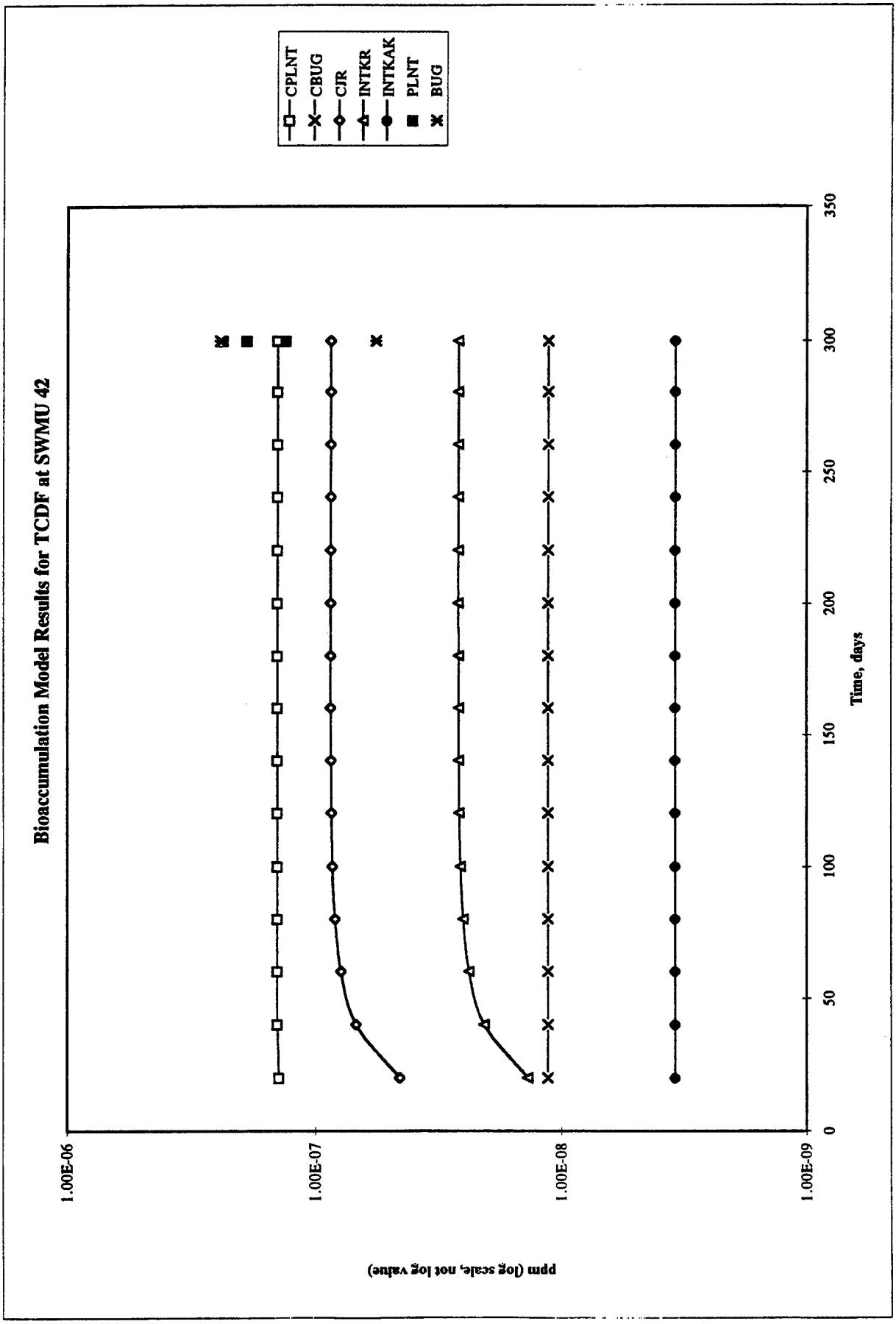

Bioaccumulation Model Results for TCDF at SWMU 11
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-04
1.00E-05
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

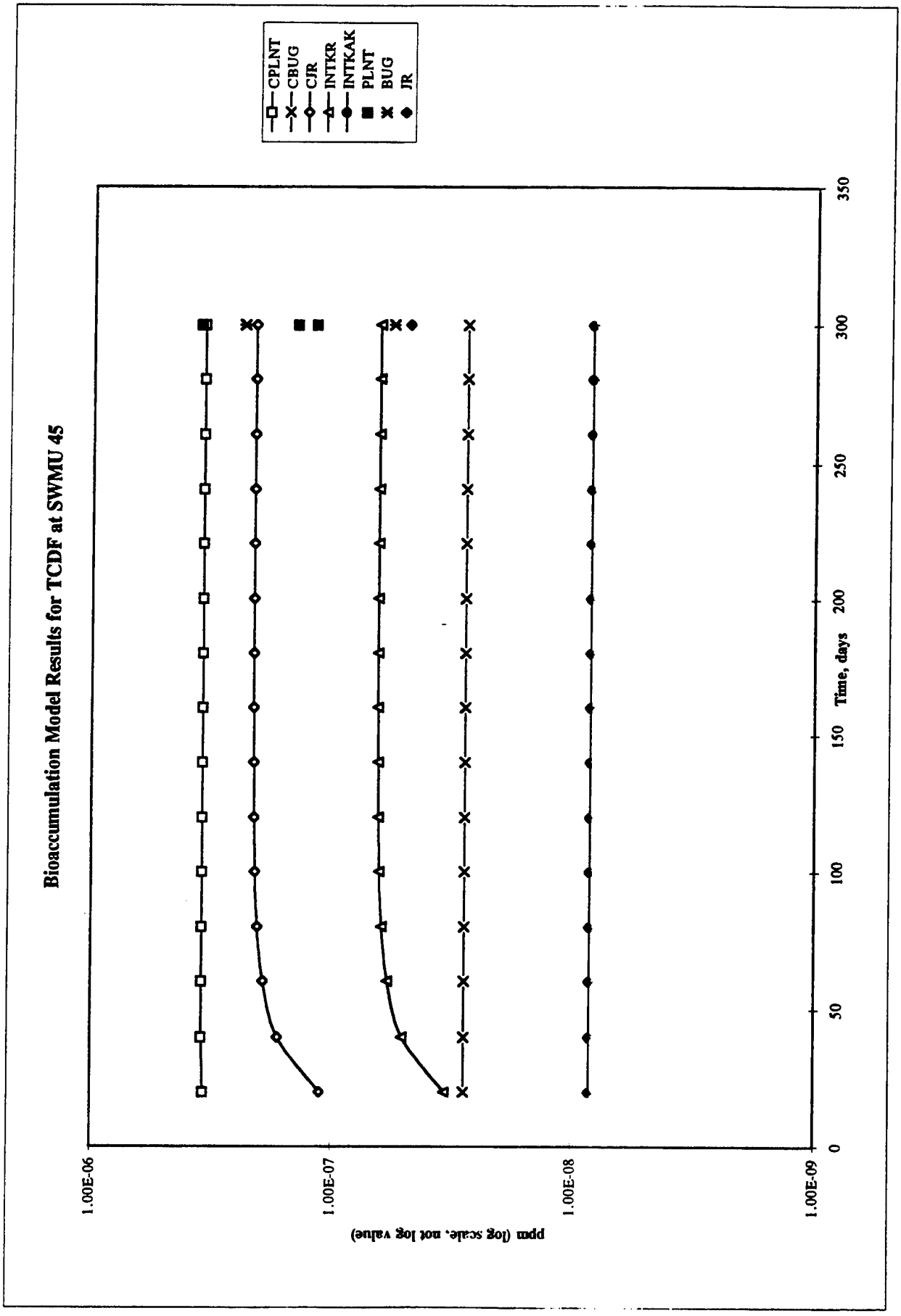

Bioaccumulation Model Results for TCDF at SWMU 12
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

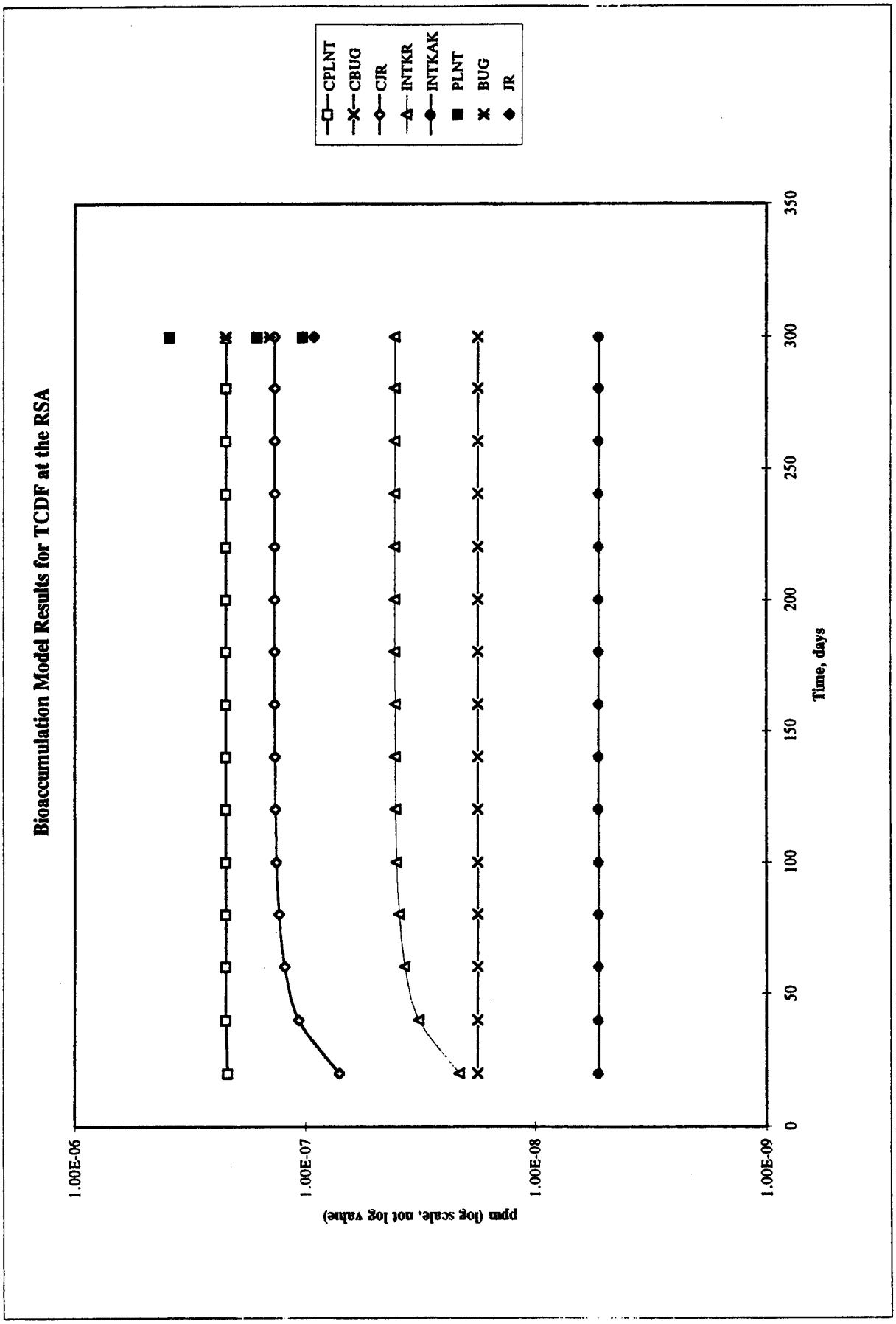

Bioaccumulation Model Results for TCDF at SWMU 15
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-04
1.00E-05
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

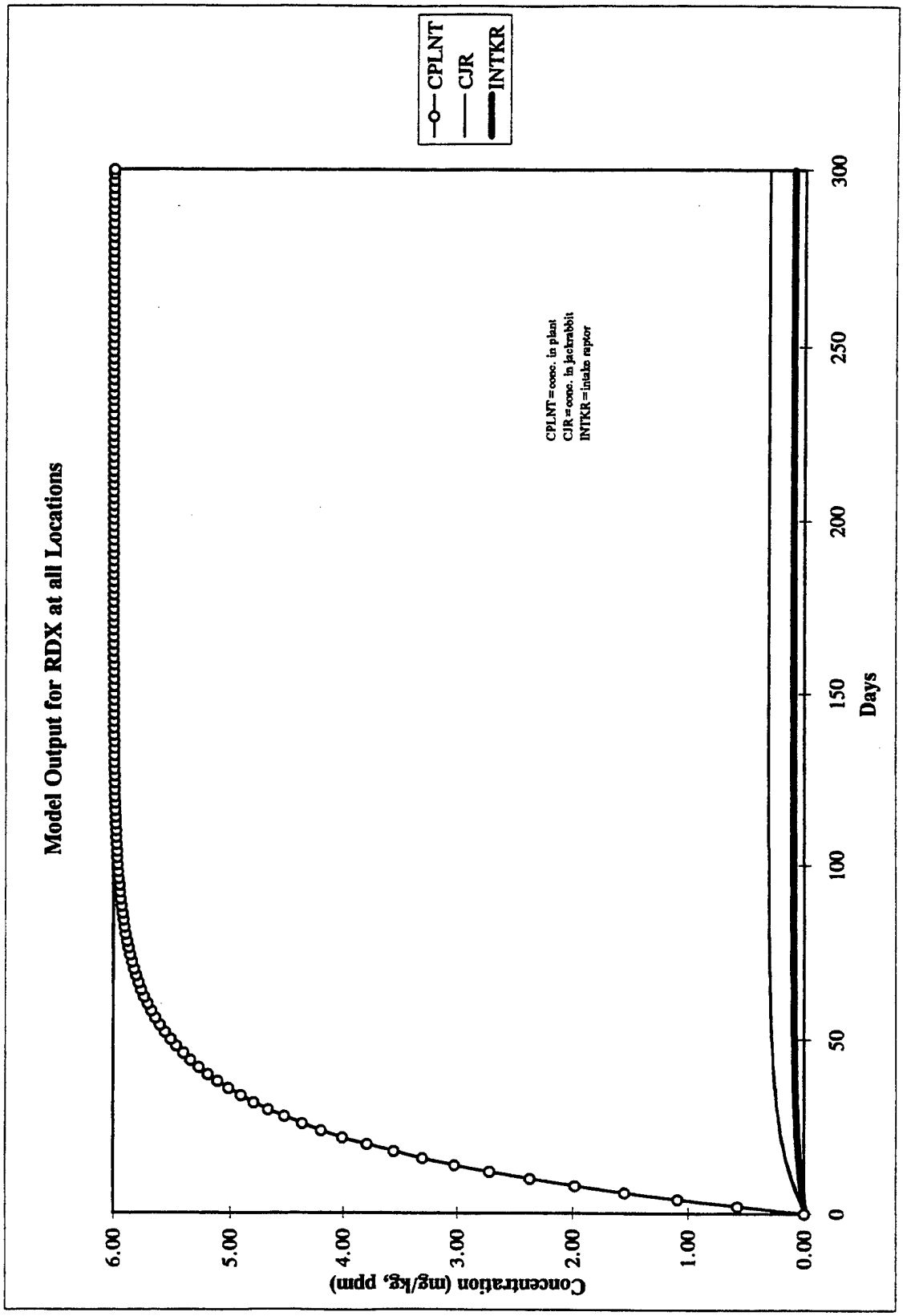

Bioaccumulation Model Results for TCDF at SWMU 21
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

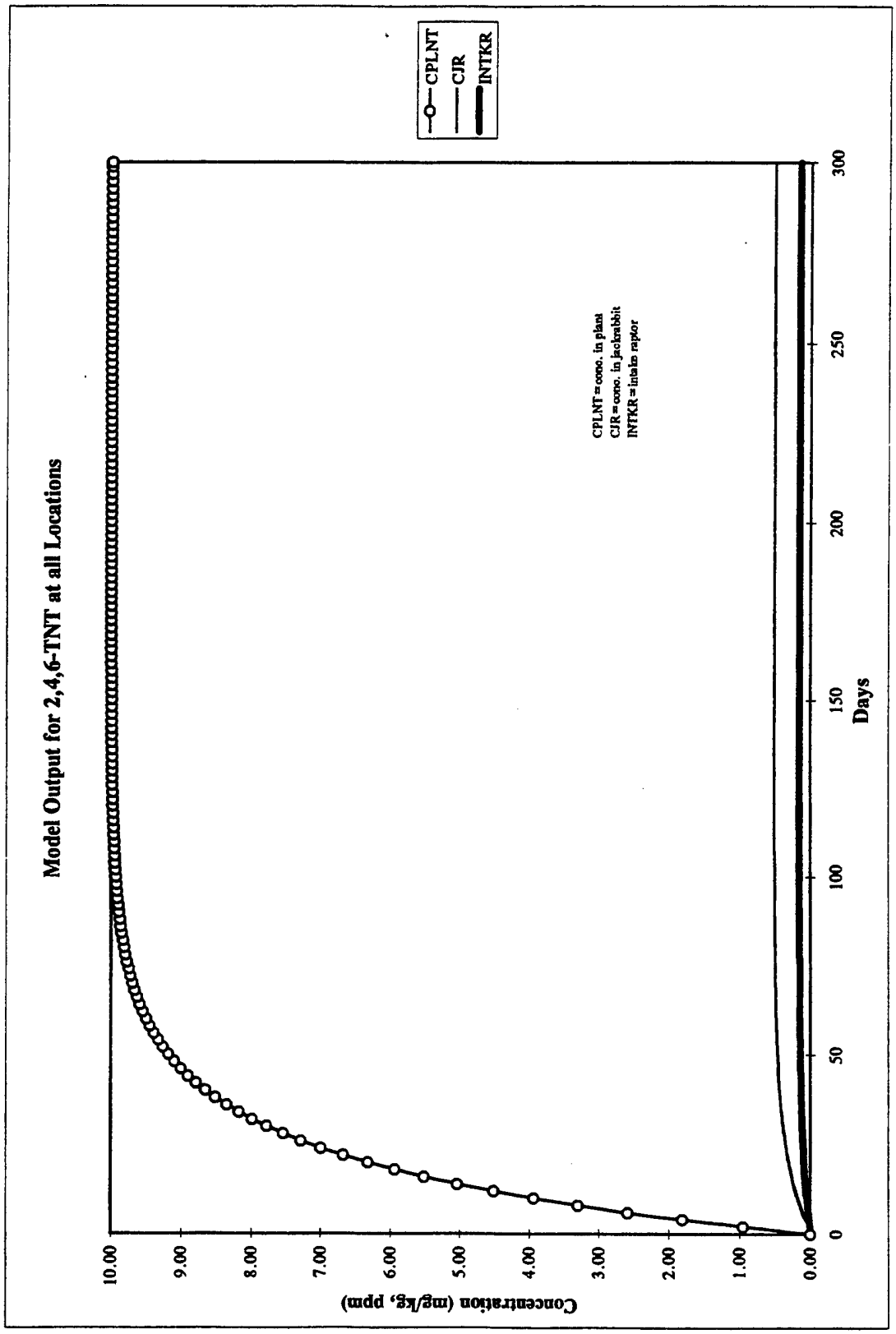

Bioaccumulation Model Results for TCDF at SWMU 37
CPLNT
CBUG
CJR
INTKAK
PLNT
BUG
ppm (log scale, not log value)
1.00E-06
1.00E-07
1.00E-08
1.00E-09
0
50
100
150
200
250
300
350
Time, days

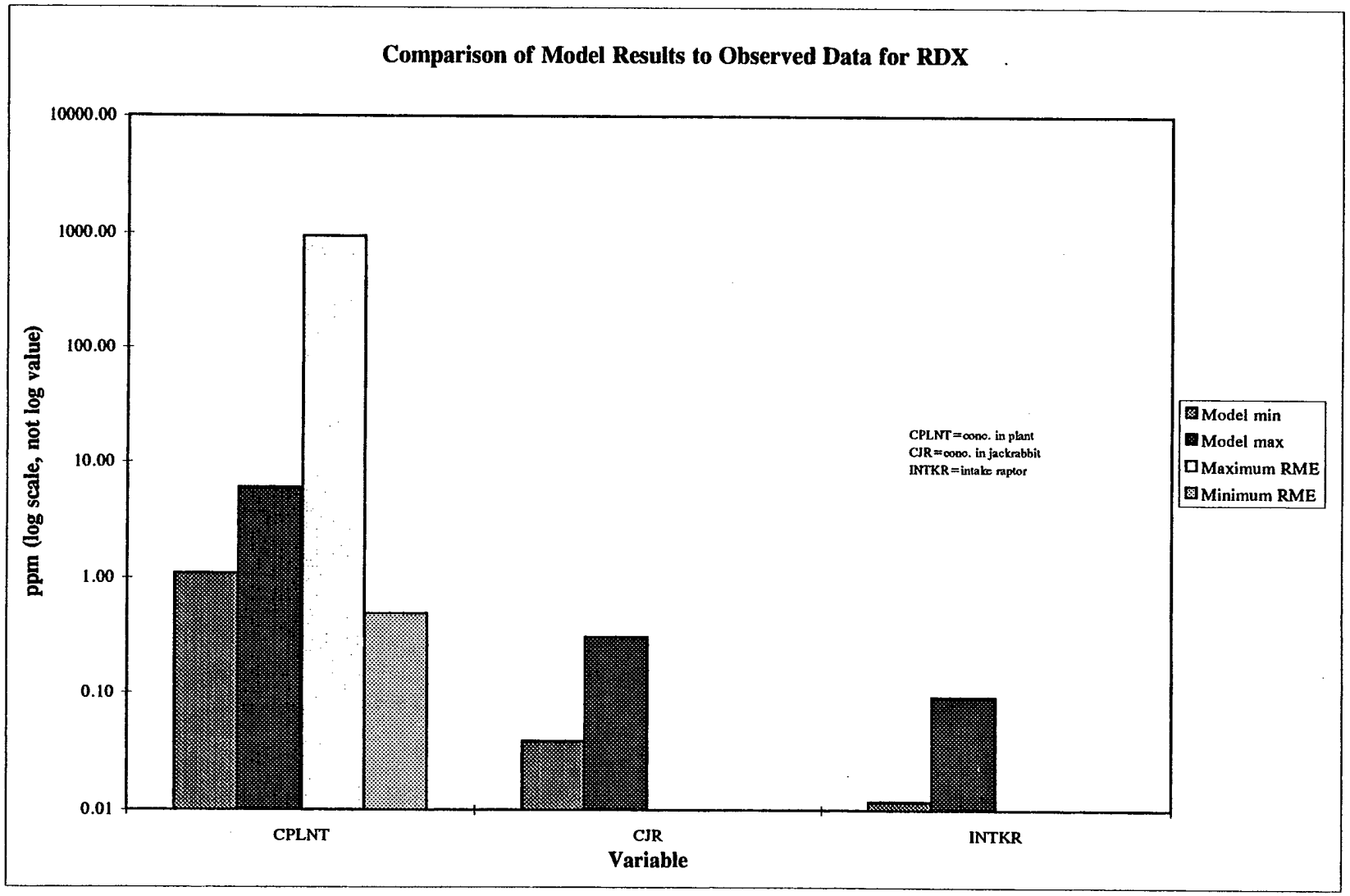

Bioaccumulation Model Results for TCDF at SWMU 42
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
1.00E-06
1.00E-07
1.00E-08
1.00E-09
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

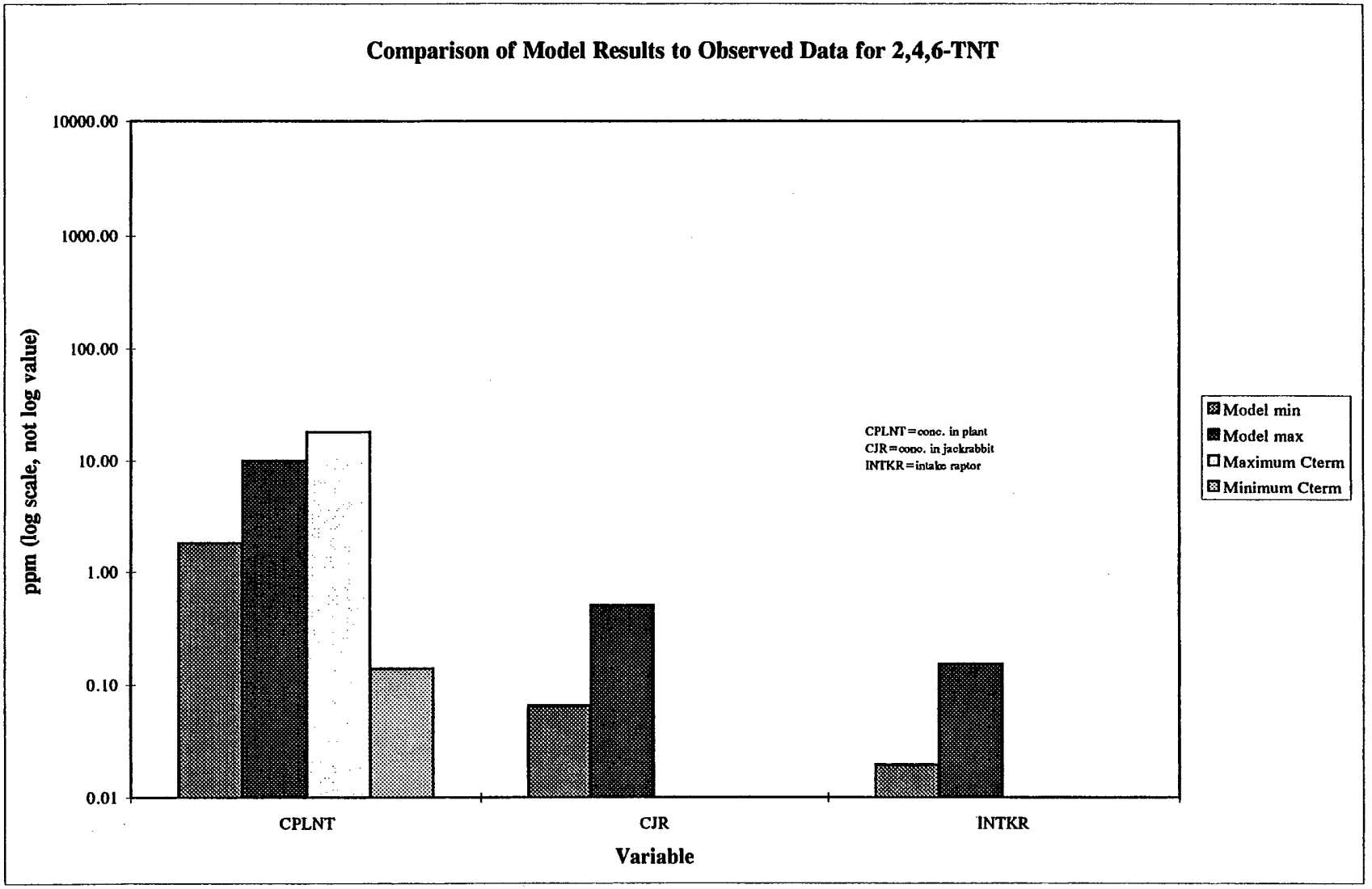

Bioaccumulation Model Results for TCDF at SWMU 45
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
1.00E-06
1.00E-07
1.00E-08
1.00E-09
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days


Bioaccumulation Model Results for TCDF at the RSA
CPLNT
CBUG
CJR
INTKR
INTKAK
PLNT
BUG
JR
1.00E-06
1.00E-07
1.00E-08
1.00E-09
ppm (log scale, not log value)
0
50
100
150
200
250
300
350
Time, days

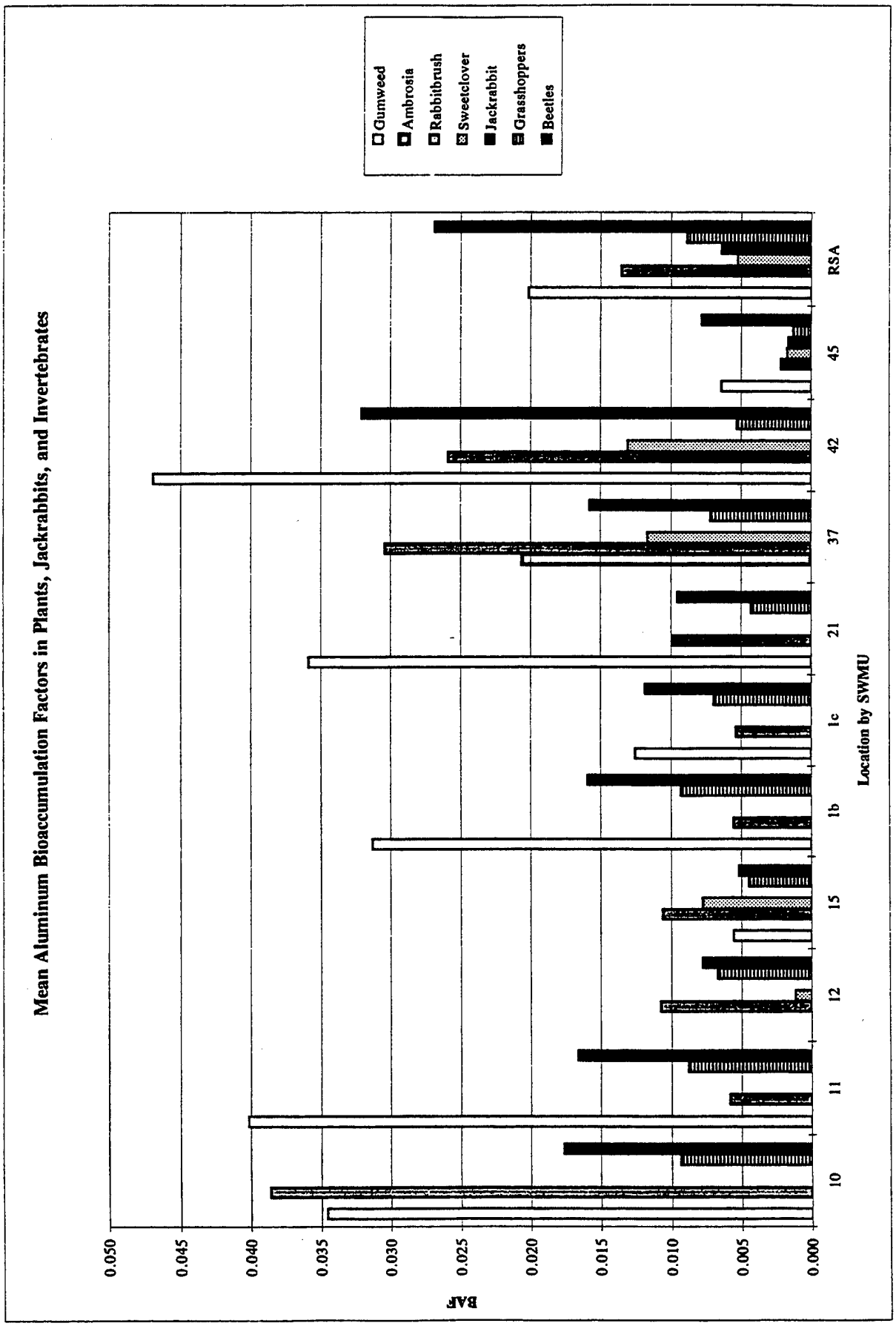

Model Output for RDX at all Locations
CPLNT
CJR
INTKR
CPLNT=conc. in plant
CJR=conc. in jackrabbit
INTKR=intake raptor
Concentration (mg/kg, ppm)
6.00
5.00
4.00
3.00
2.00
1.00
0.00
0
50
100
150
200
250
300
Days

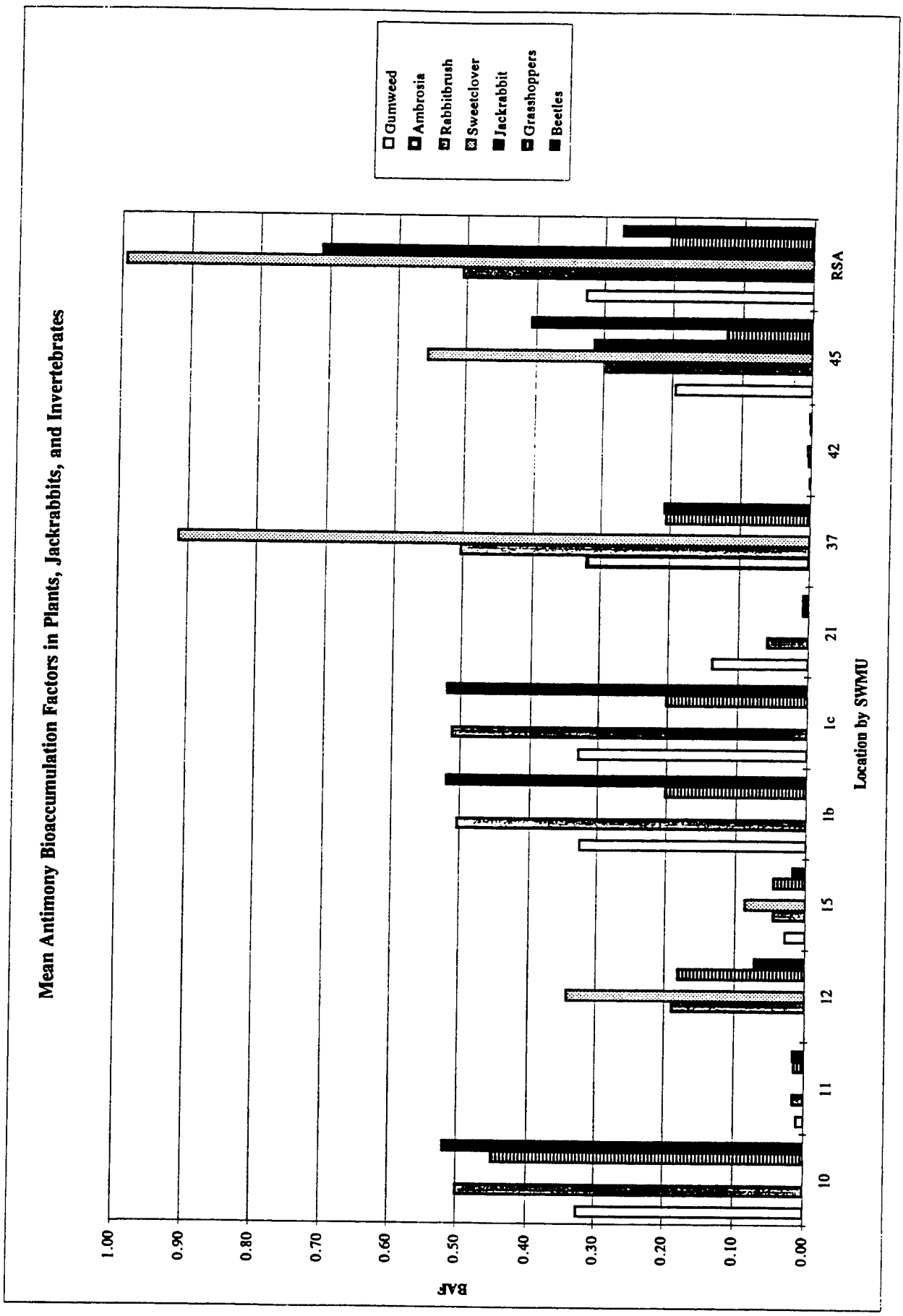

Model Output for 2,4,6-TNT at all Locations
CPLNT
CJR
INTKR
CPLNT = conc. in plant
CJR = conc. in jackrabbit
INTKR = intake raptor
Concentration (mg/kg, ppm)
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
0
50
100
150
200
250
300
Days

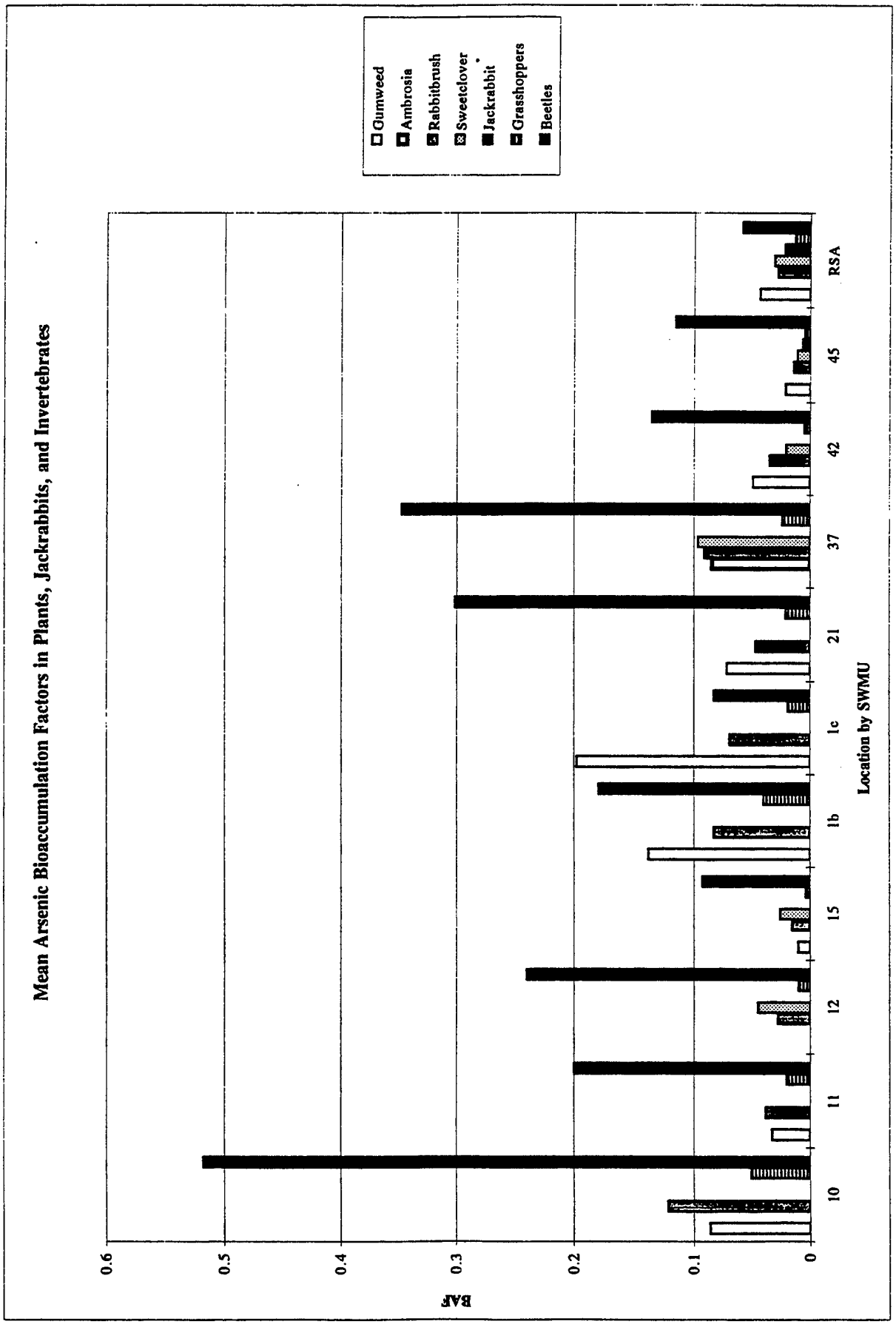

Comparison of Model Results to Observed Data for RDX
10000.00
1000.00
100.00
10.00
1.00
0.10
0.01
ppm (log scale, not log value)
CPLNT
CJR
INTKR
Variable
CPLNT=conc. in plant
CJR=conc. in jackrabbit
INTKR=intake raptor
Model min
Model max
Maximum RME
Minimum RME

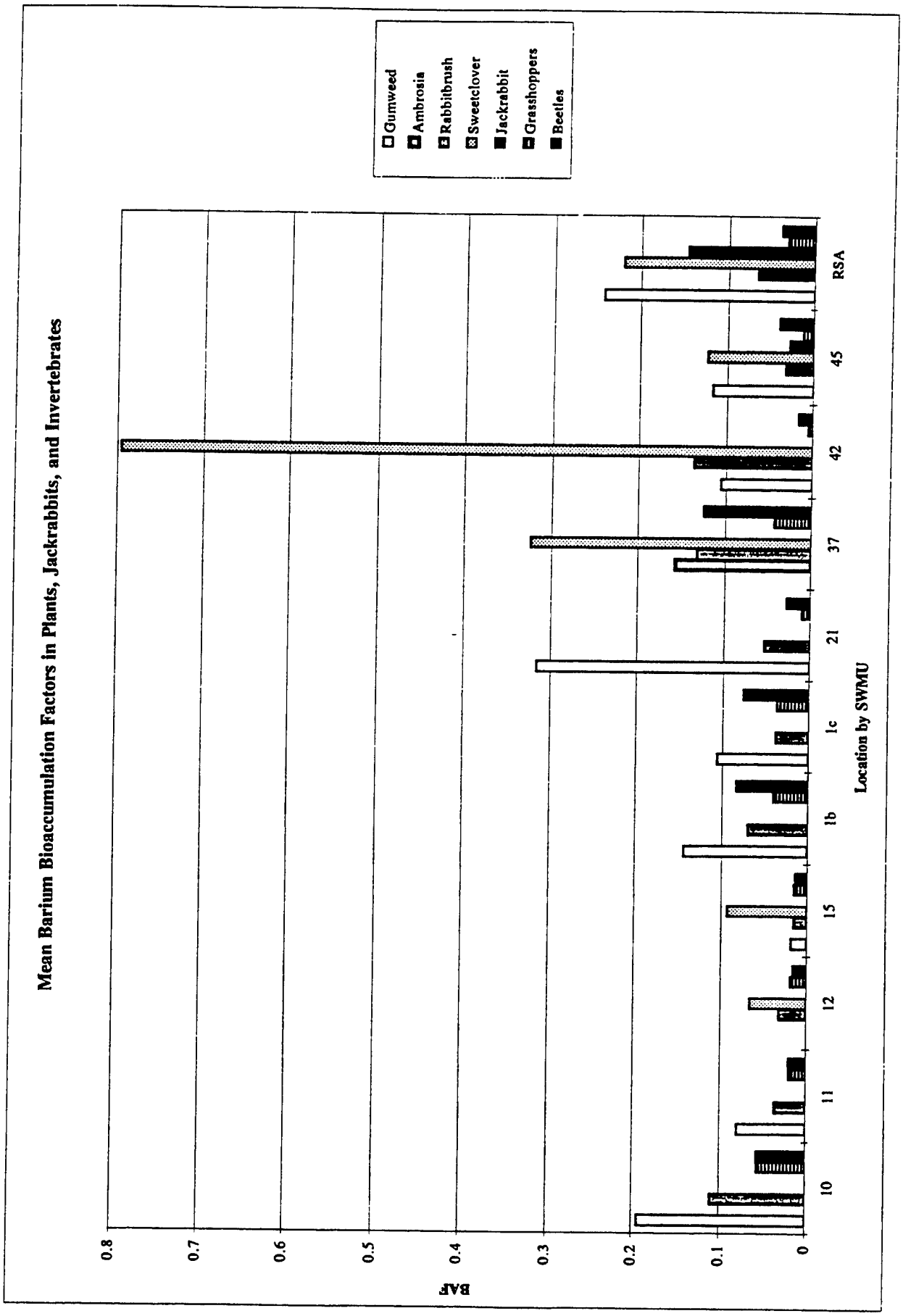

Comparison of Model Results to Observed Data for 2,4,6-TNT
10000.00
1000.00
100.00
10.00
1.00
0.10
0.01
ppm (log scale, not log value)
CPLNT
CJR
INTKR
Variable
CPLNT=conc. in plant
CJR=conc. in jackrabbit
INTKR=intake raptor
Model min
Model max
Maximum Cterm
Minimum Cterm

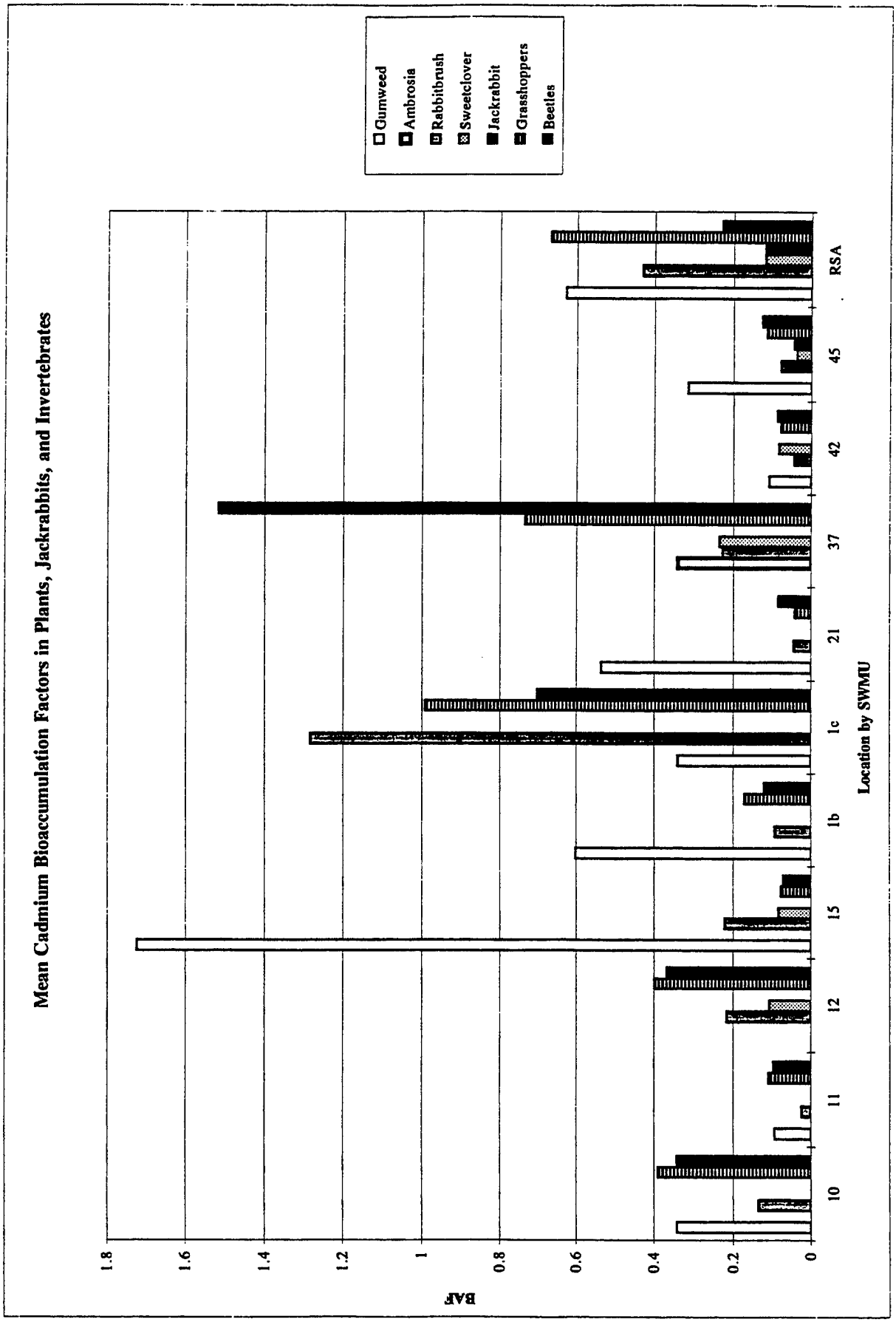
BAF CHARTS

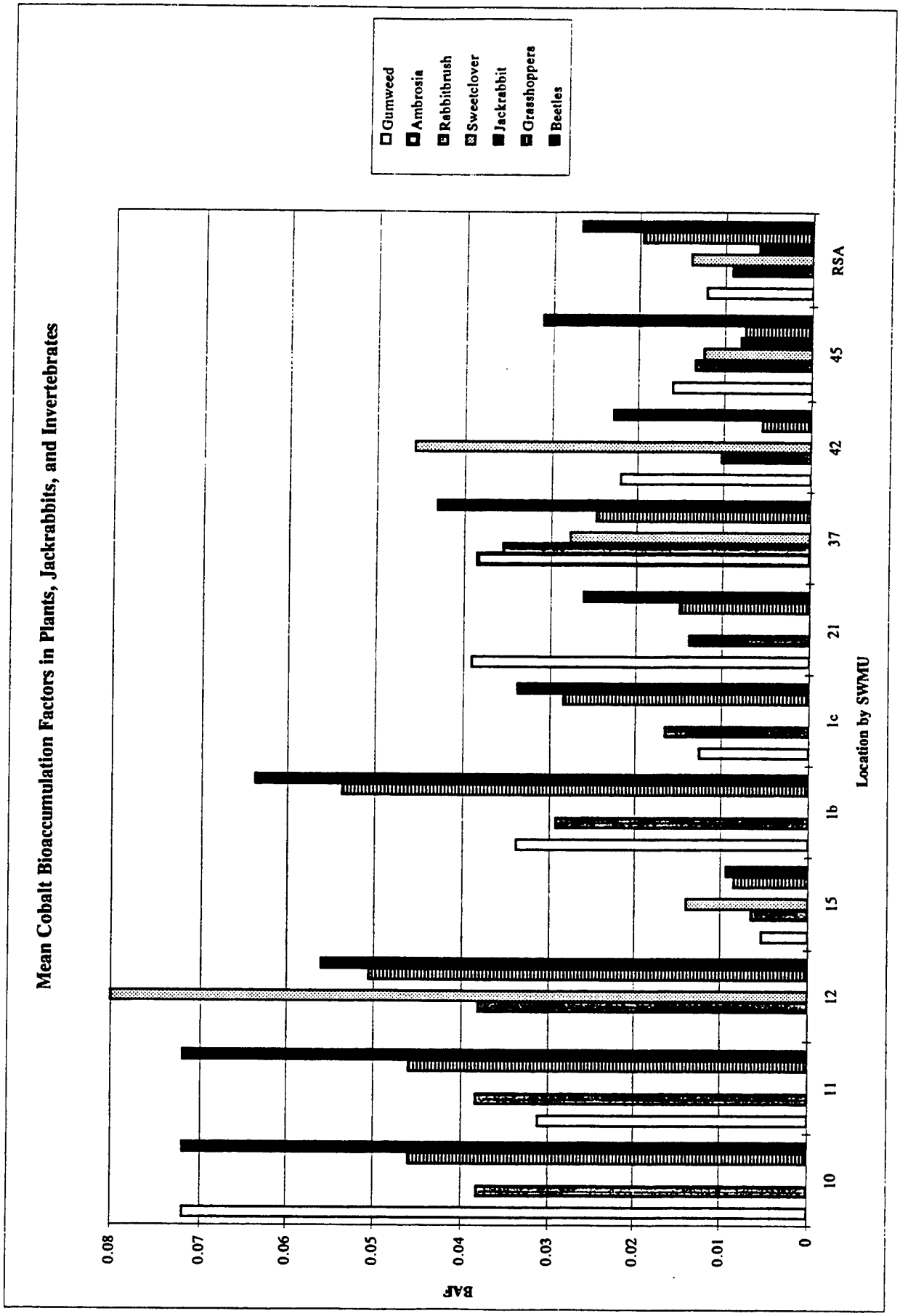

Mean Aluminum Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
0.050
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

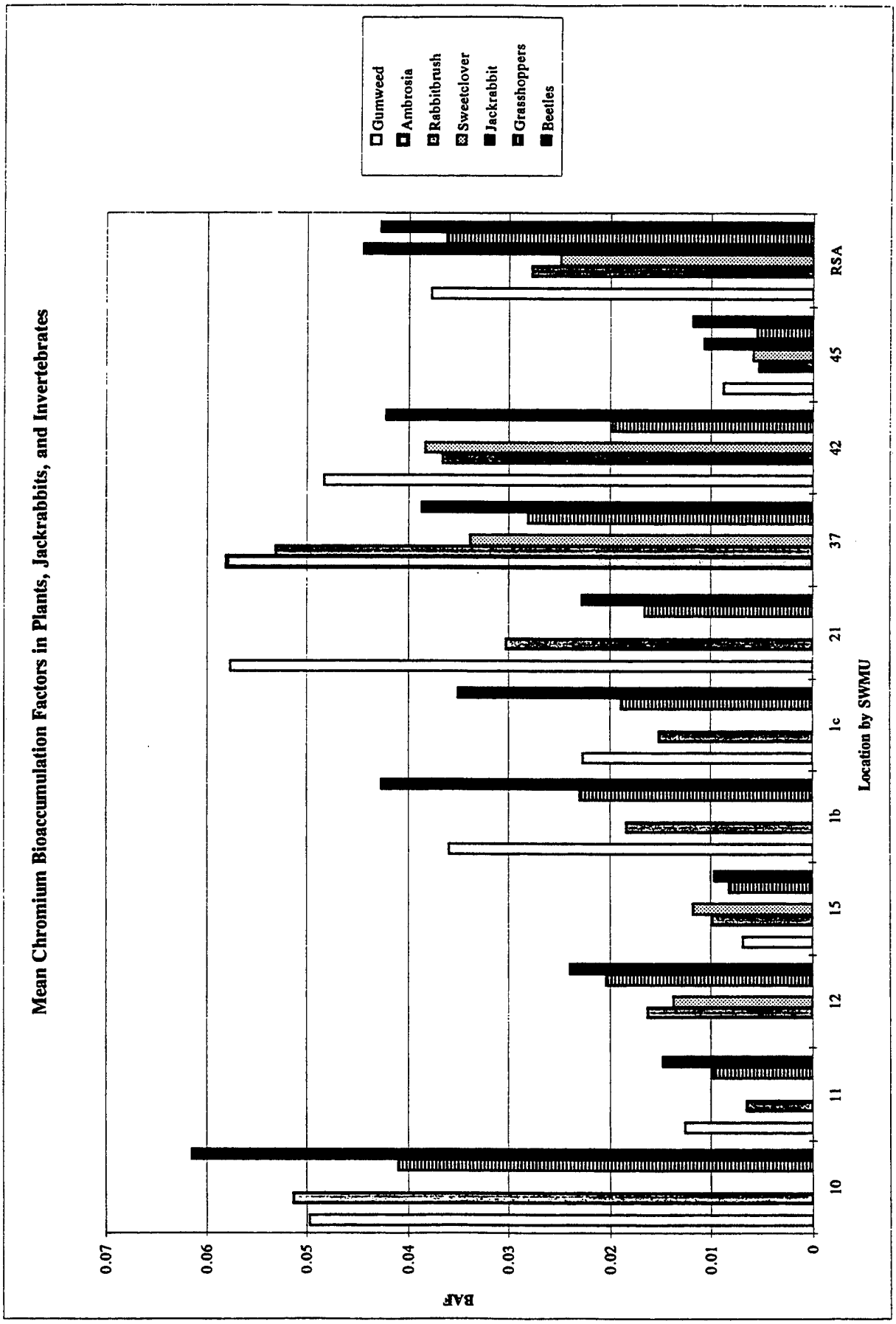

Mean Antimony Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

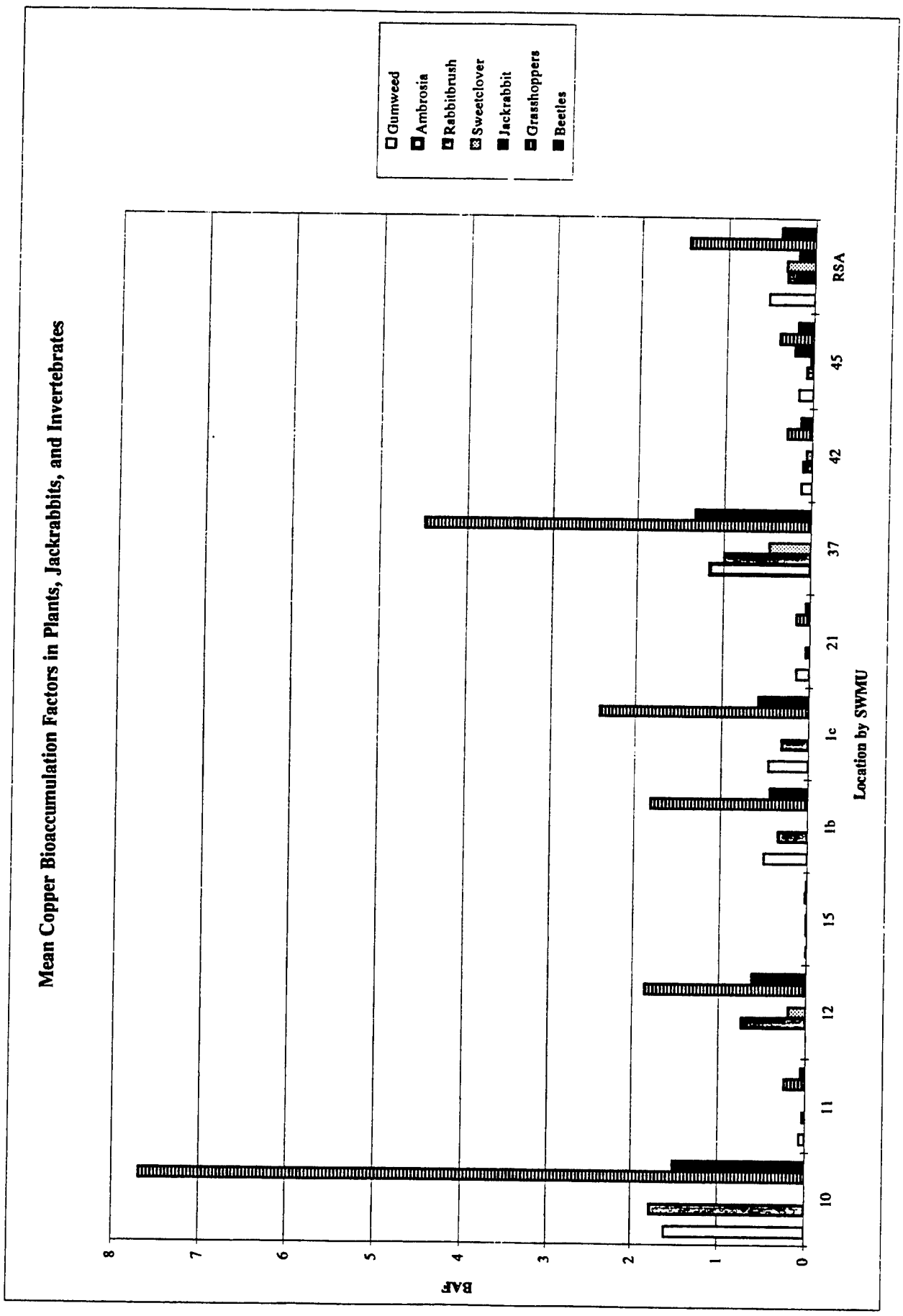

Mean Arsenic Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
0.6
0.5
0.4
0.3
0.2
0.1
0
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

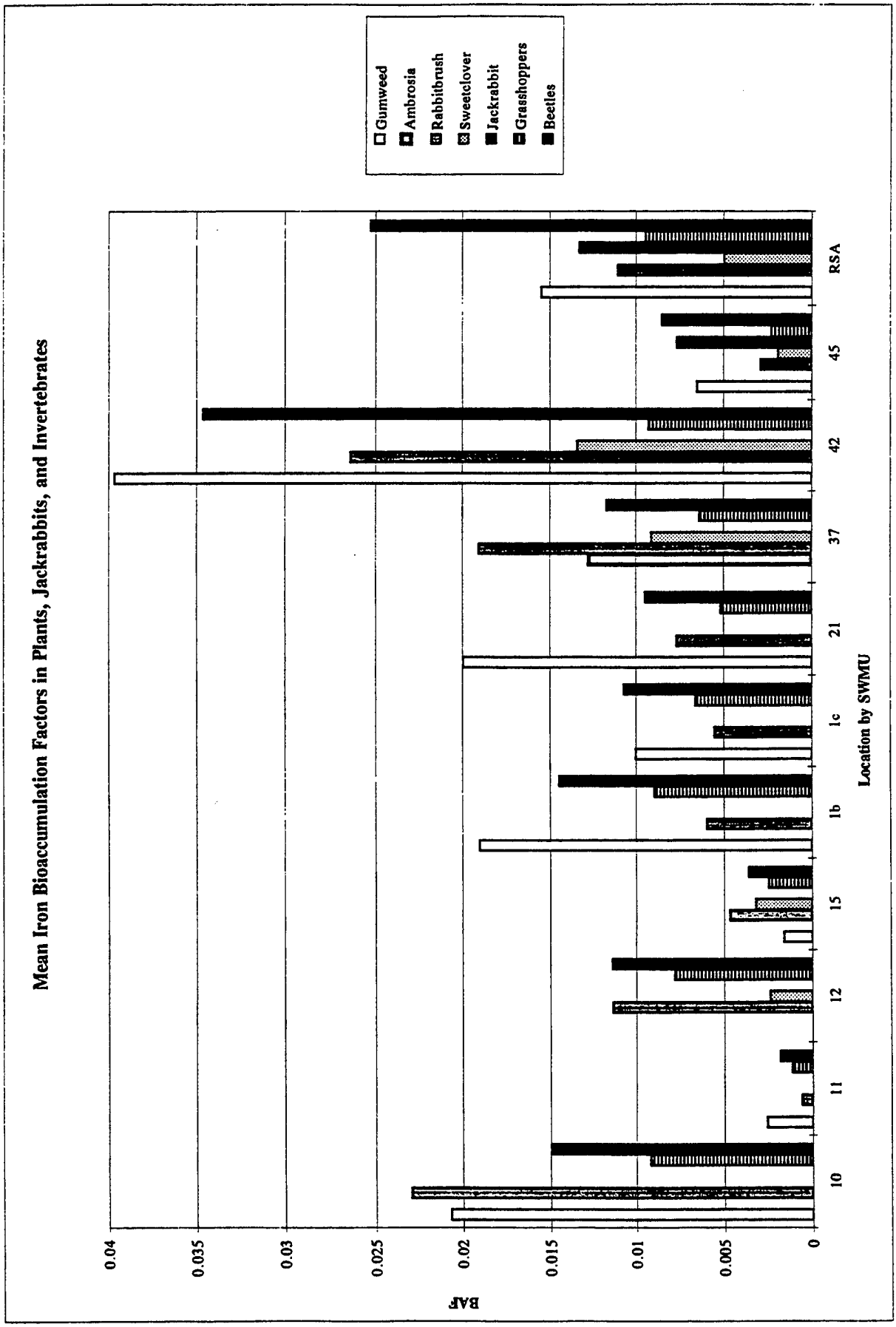

Mean Barium Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

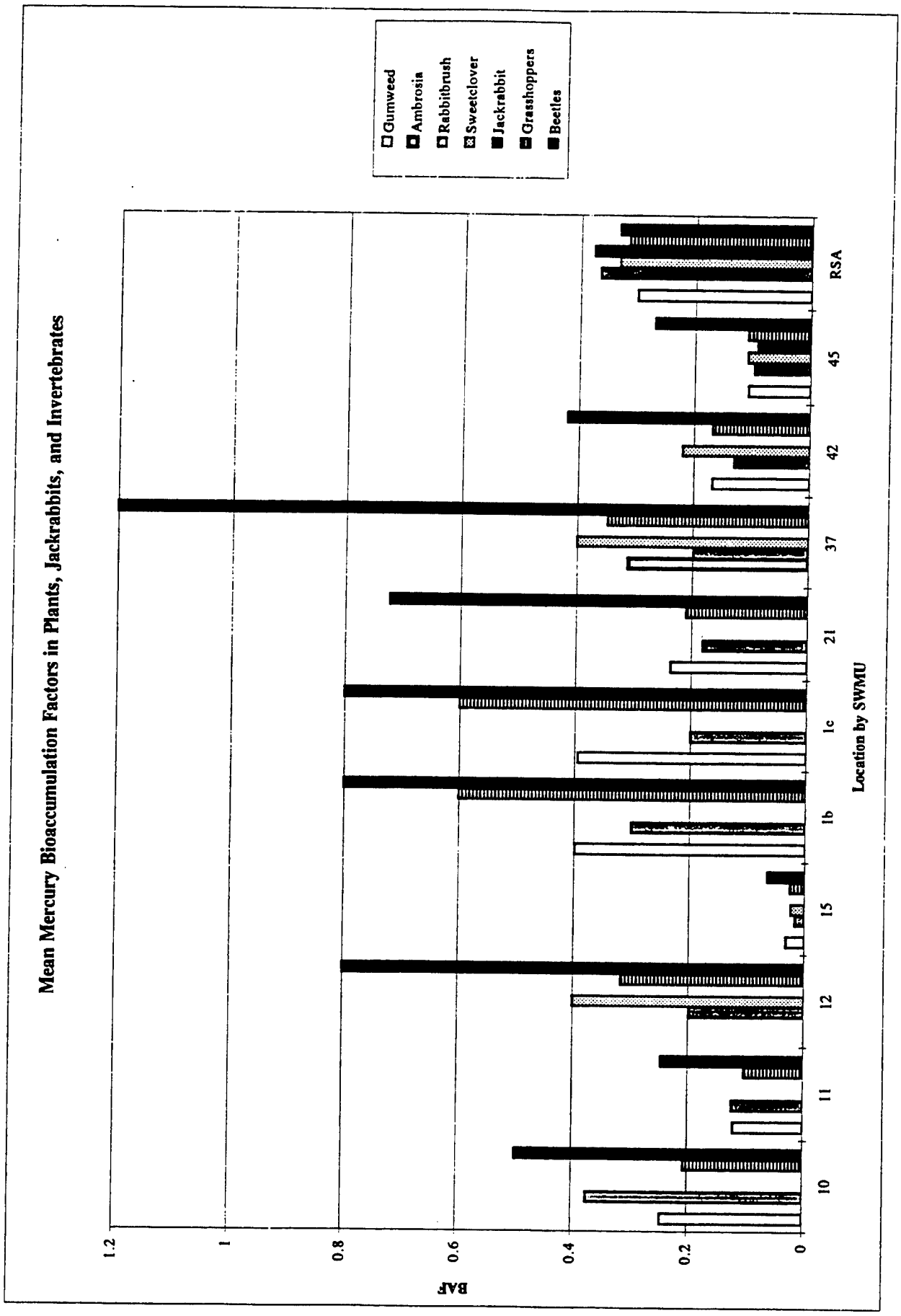

Mean Cadmium Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

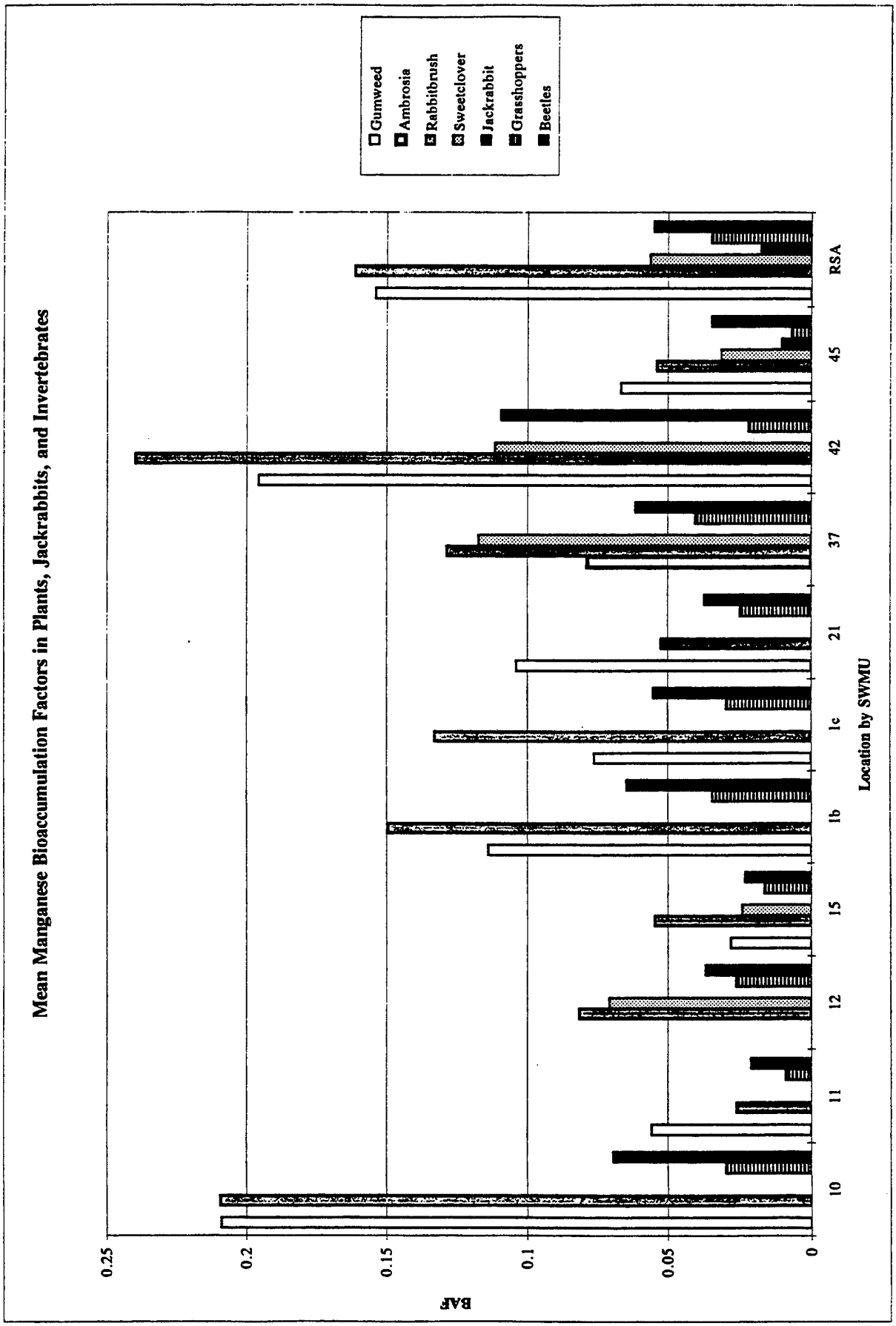

Mean Cobalt Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

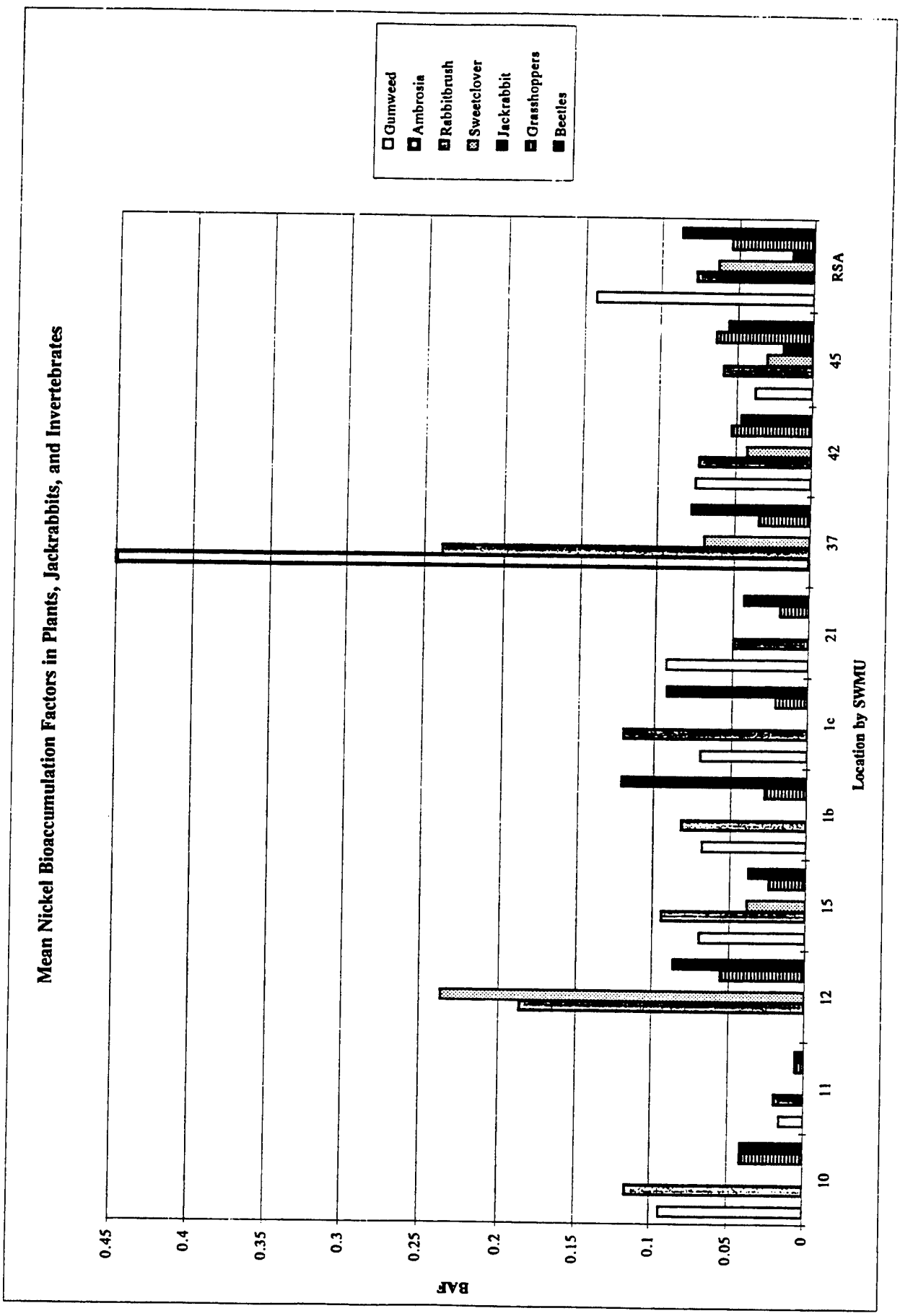

Mean Chromium Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

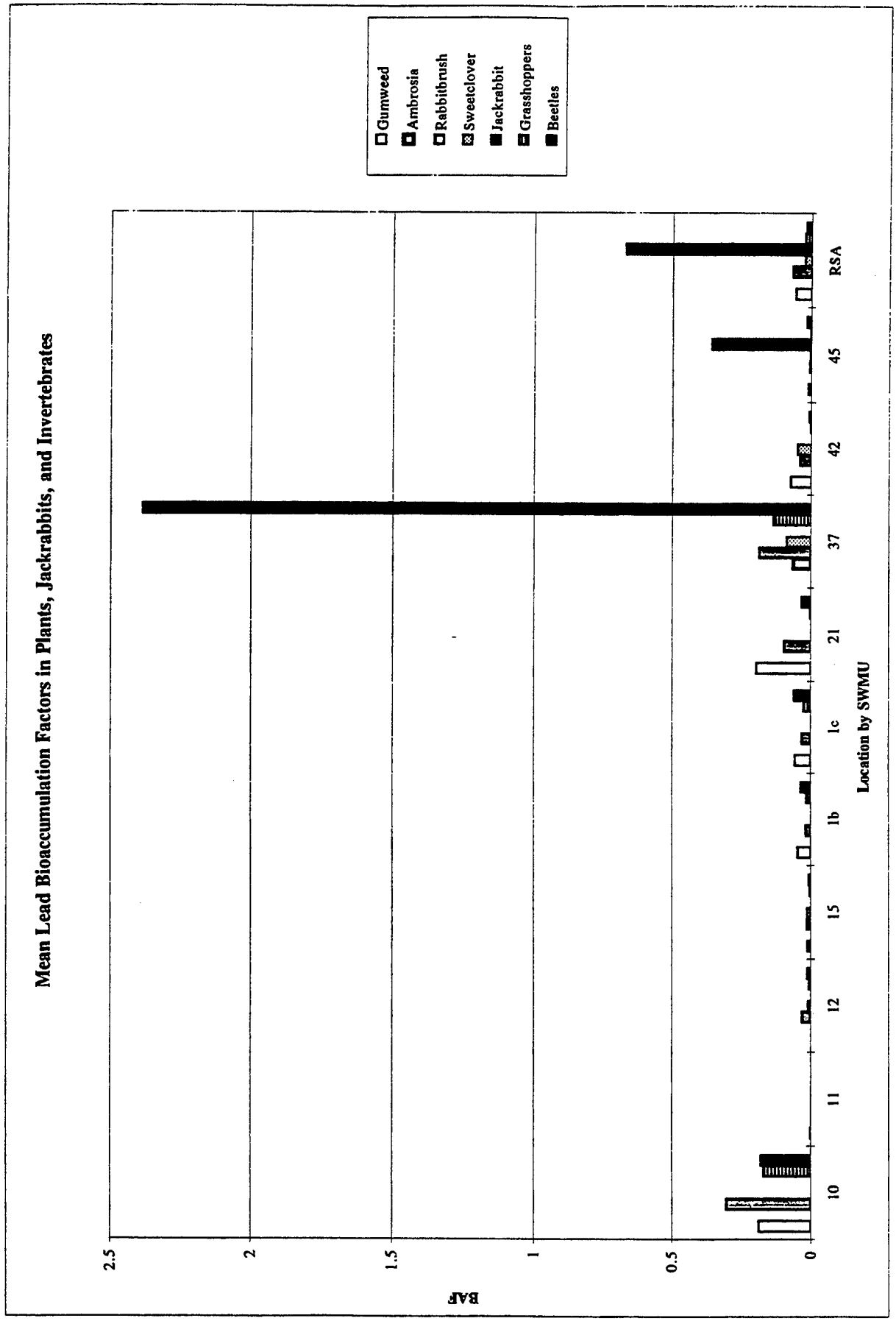

Mean Copper Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
0
1
2
3
4
5
6
7
8
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

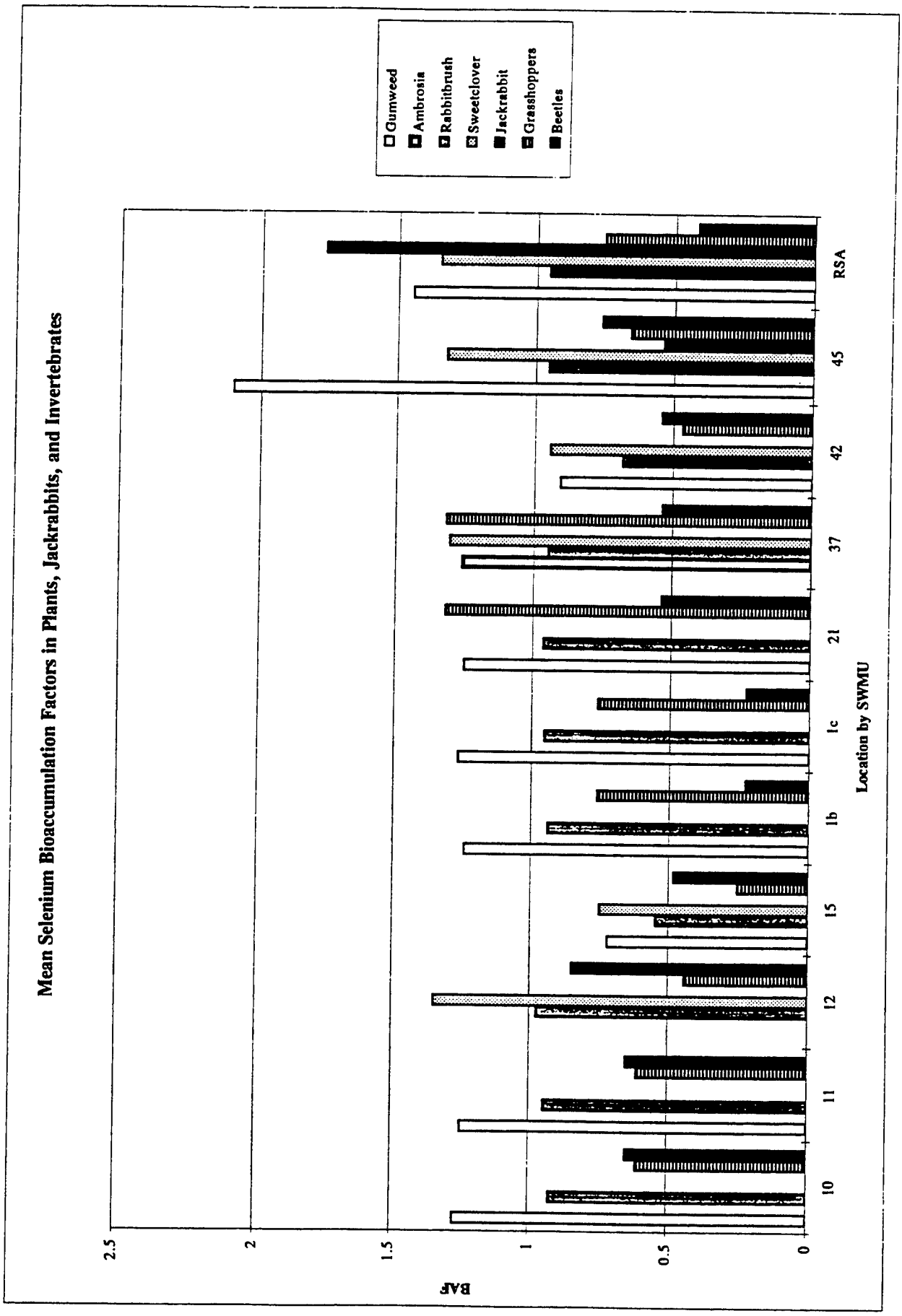

Mean Iron Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

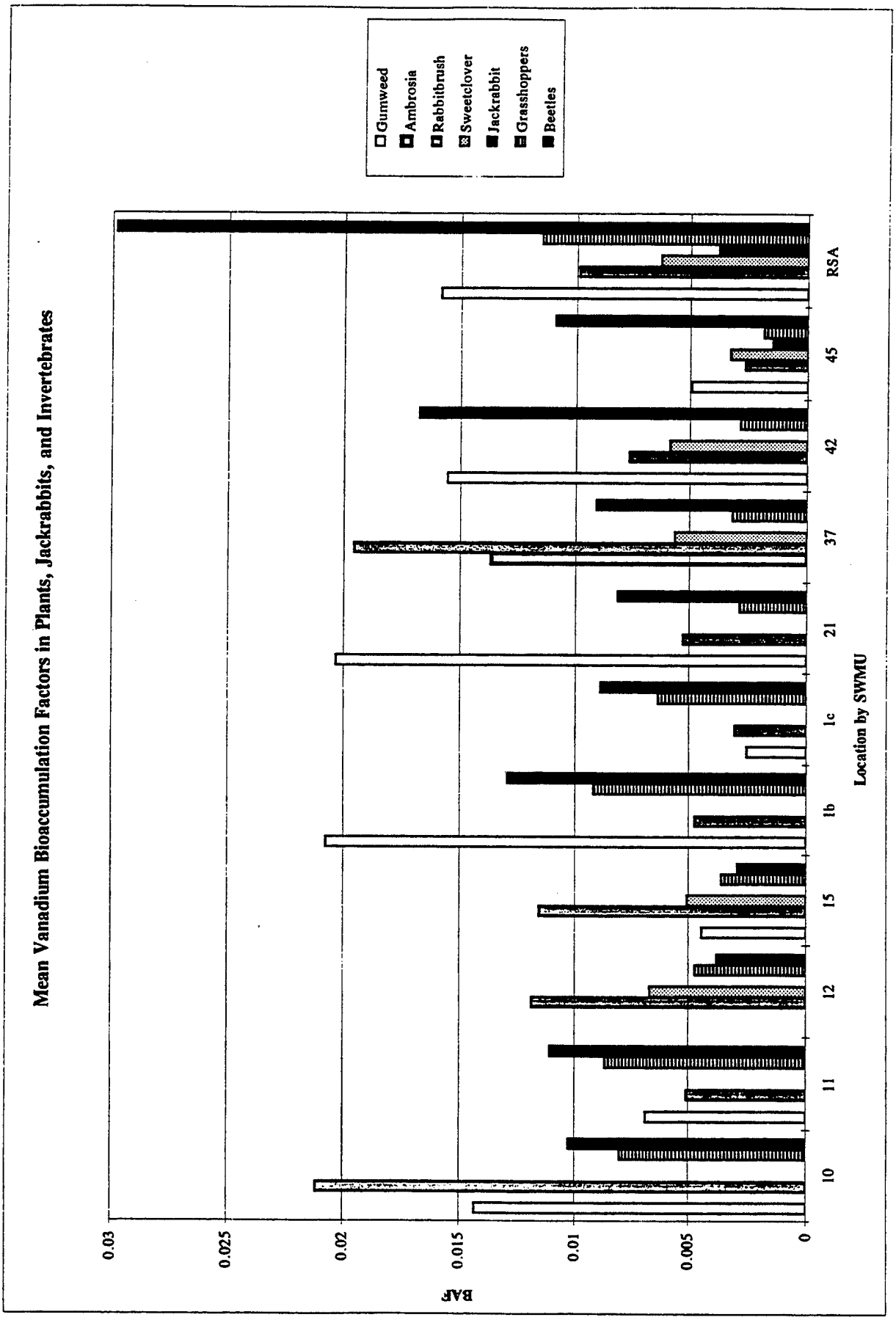

Mean Mercury Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
0
0.2
0.4
0.6
0.8
1
1.2
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

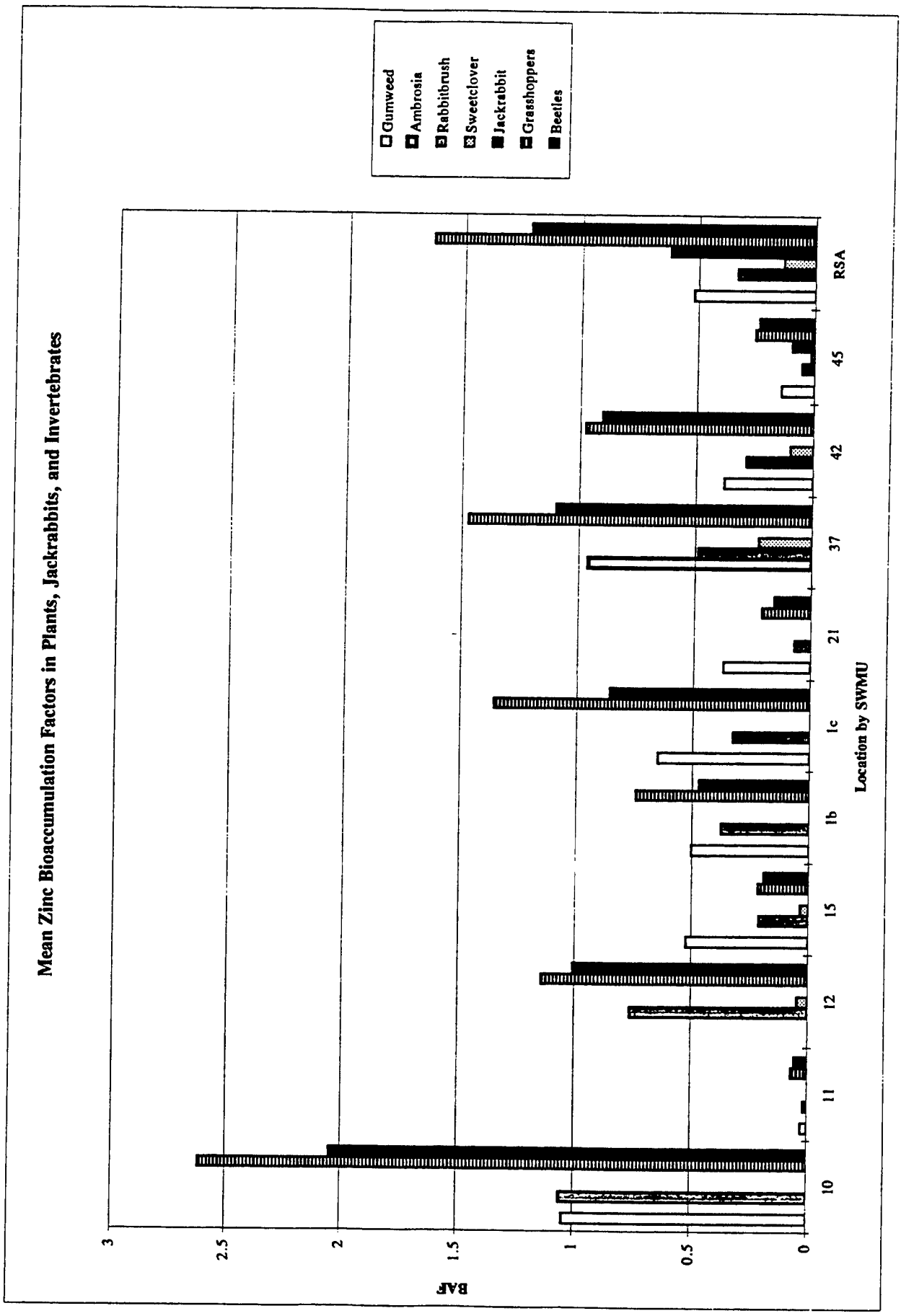

Mean Manganese Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
0.25
0.2
0.15
0.1
0.05
0
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

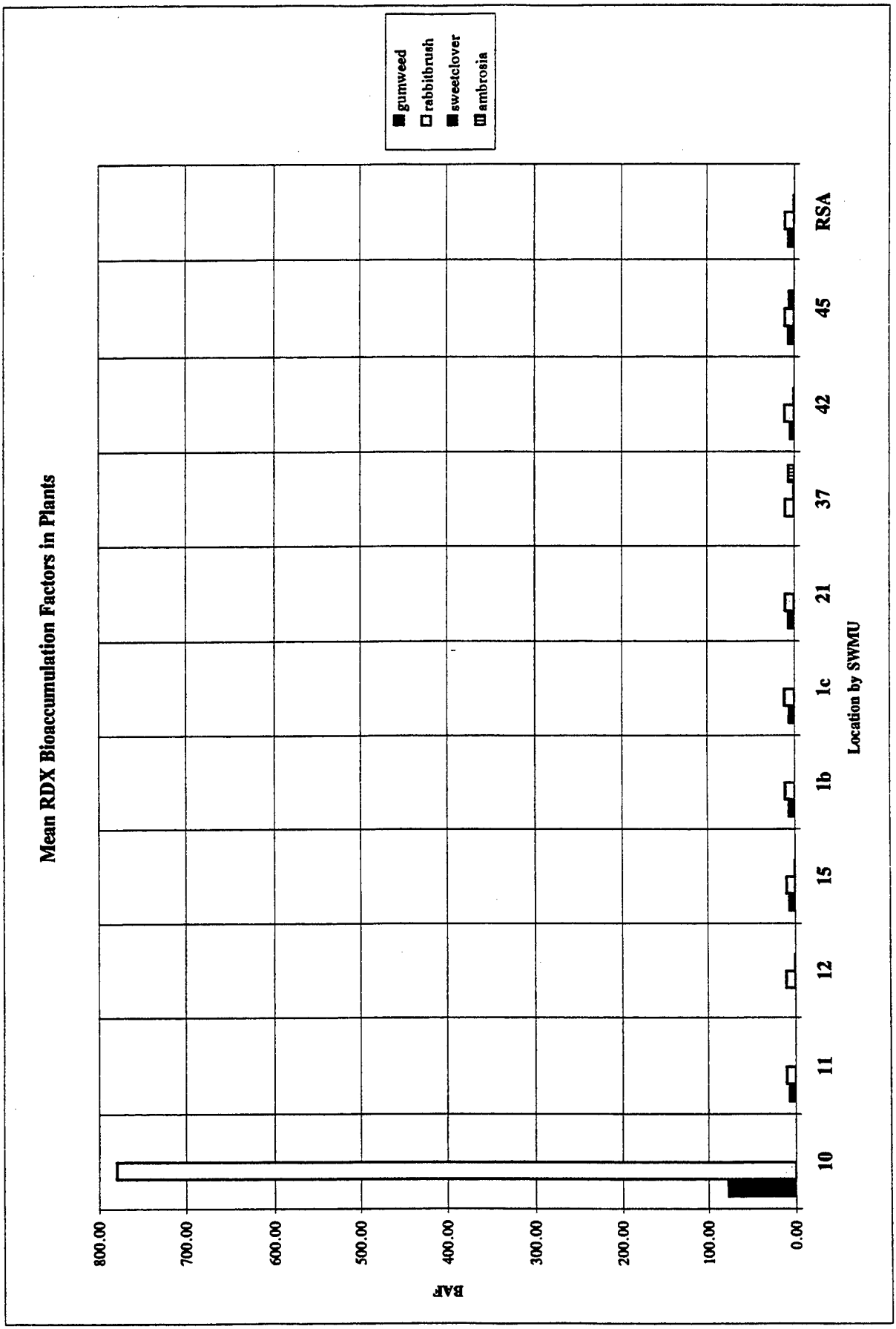

Mean Nickel Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

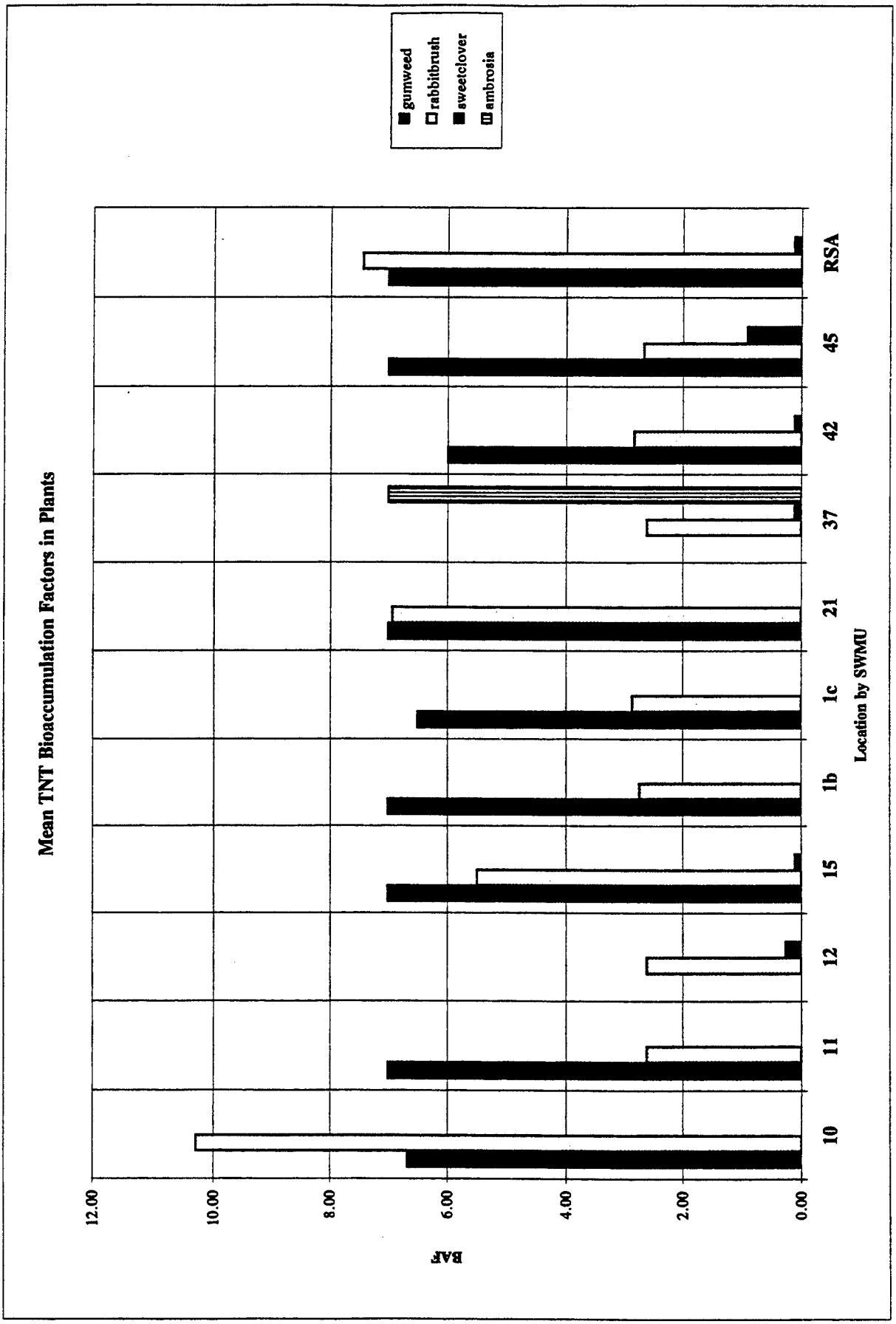

Mean Lead Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
2.5
2
1.5
1
0.5
0
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

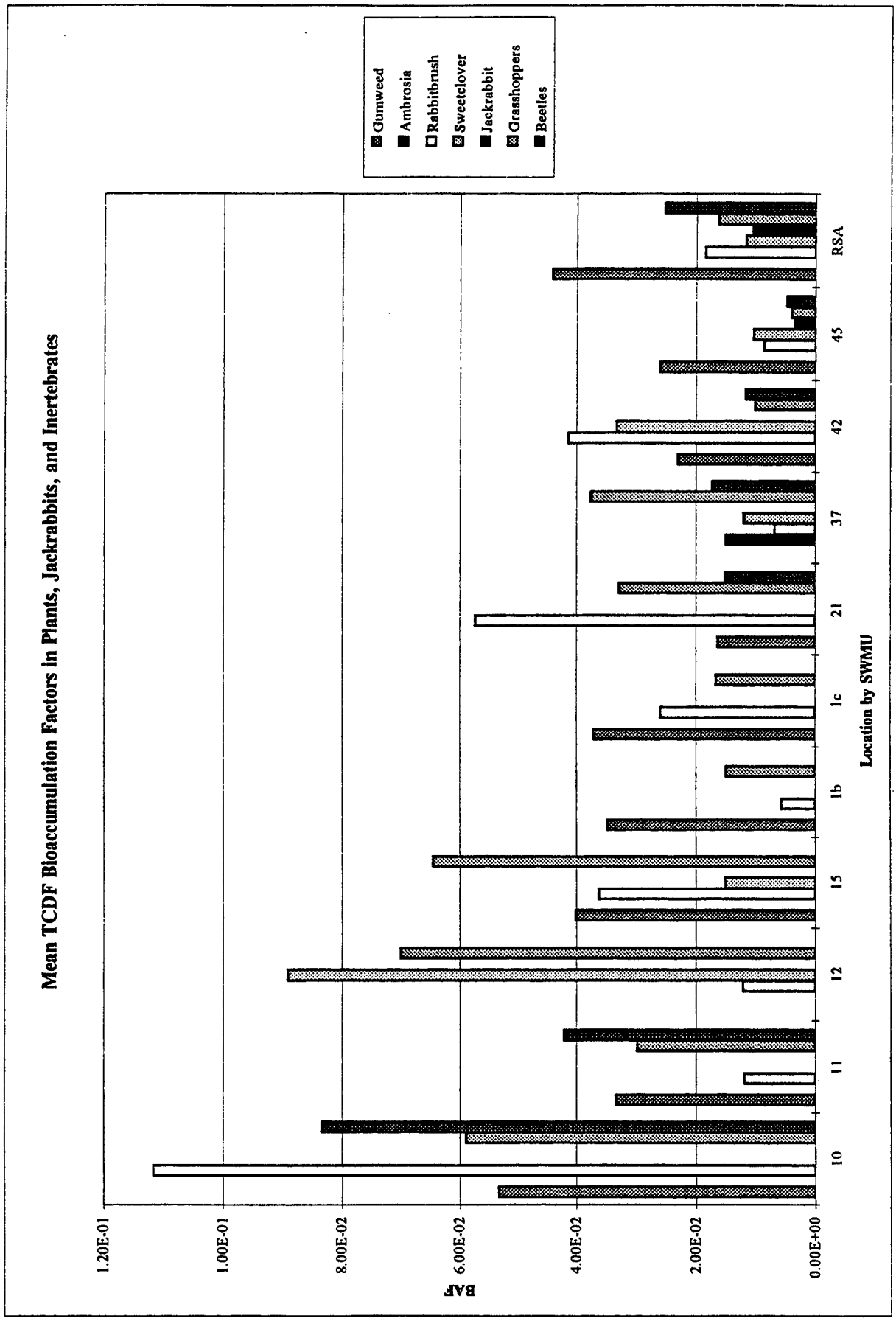

Mean Selenium Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
2.5
2
1.5
1
0.5
0
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

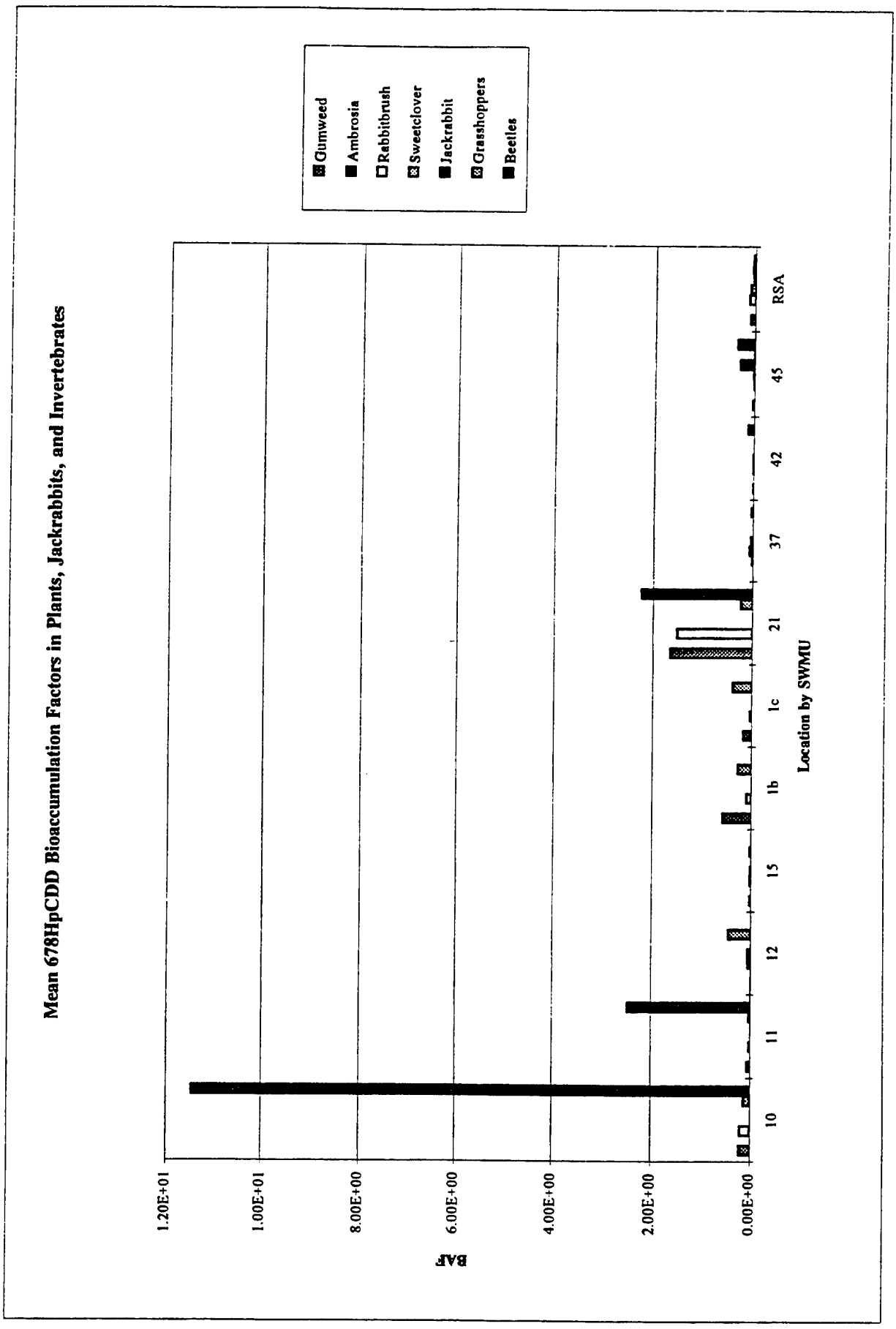

Mean Vanadium Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
0.03
0.025
0.02
0.015
0.01
0.005
0
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

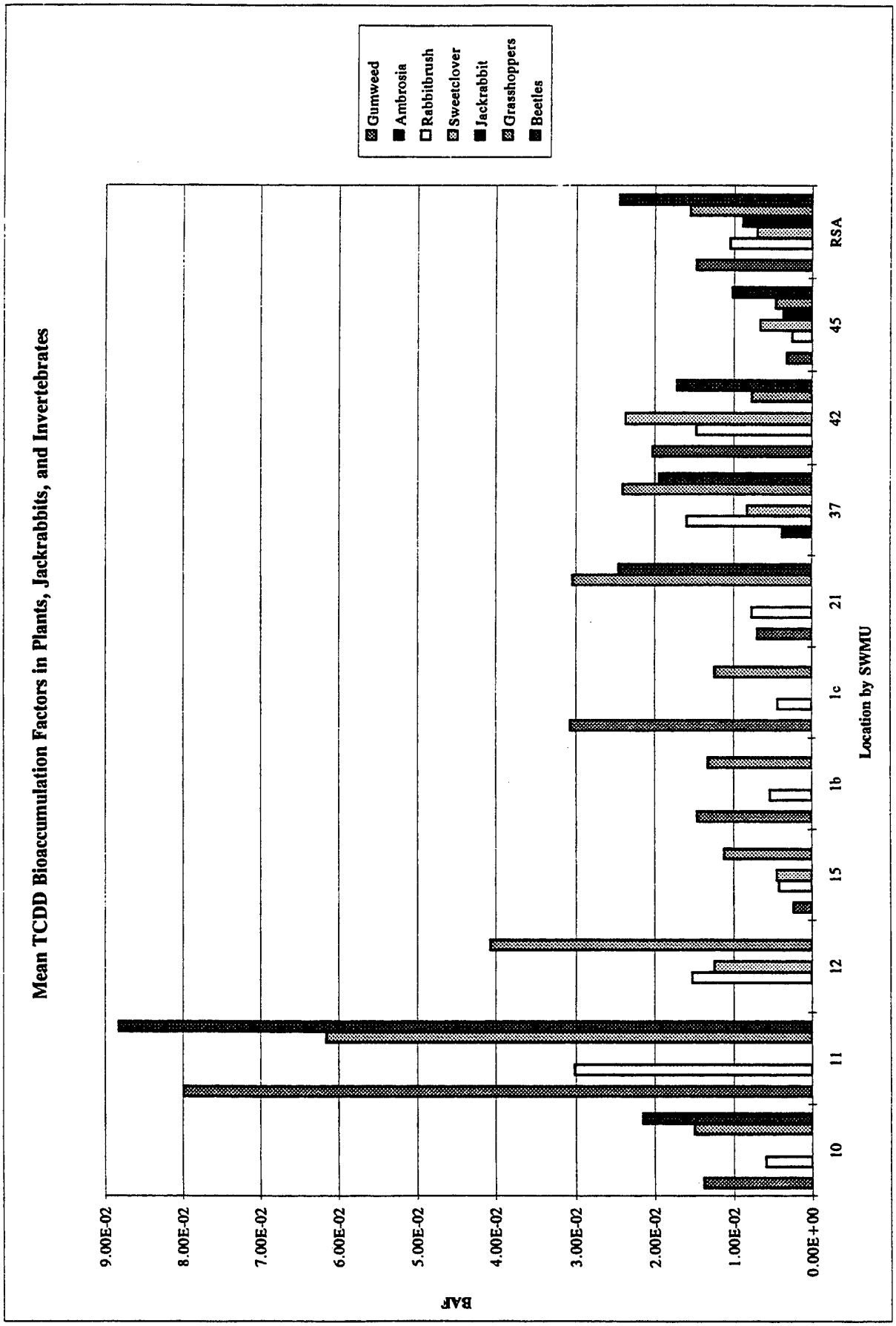

Mean Zinc Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
3
2.5
2
1.5
1
0.5
0
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

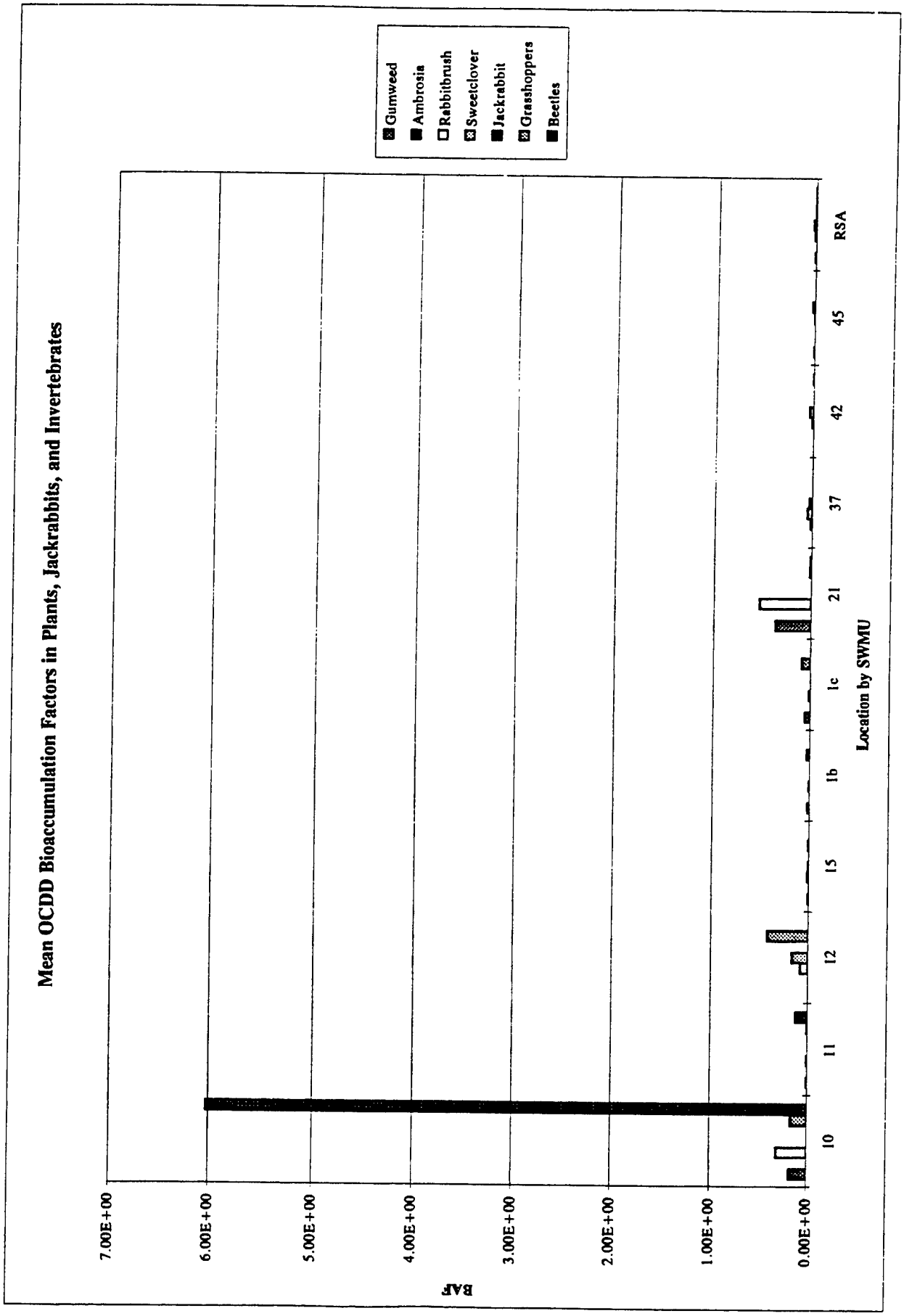

Mean RDX Bioaccumulation Factors in Plants
gumweed
rabbitbrush
sweetclover
ambrosia
BAF
800.00
700.00
600.00
500.00
400.00
300.00
200.00
100.00
0.00
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

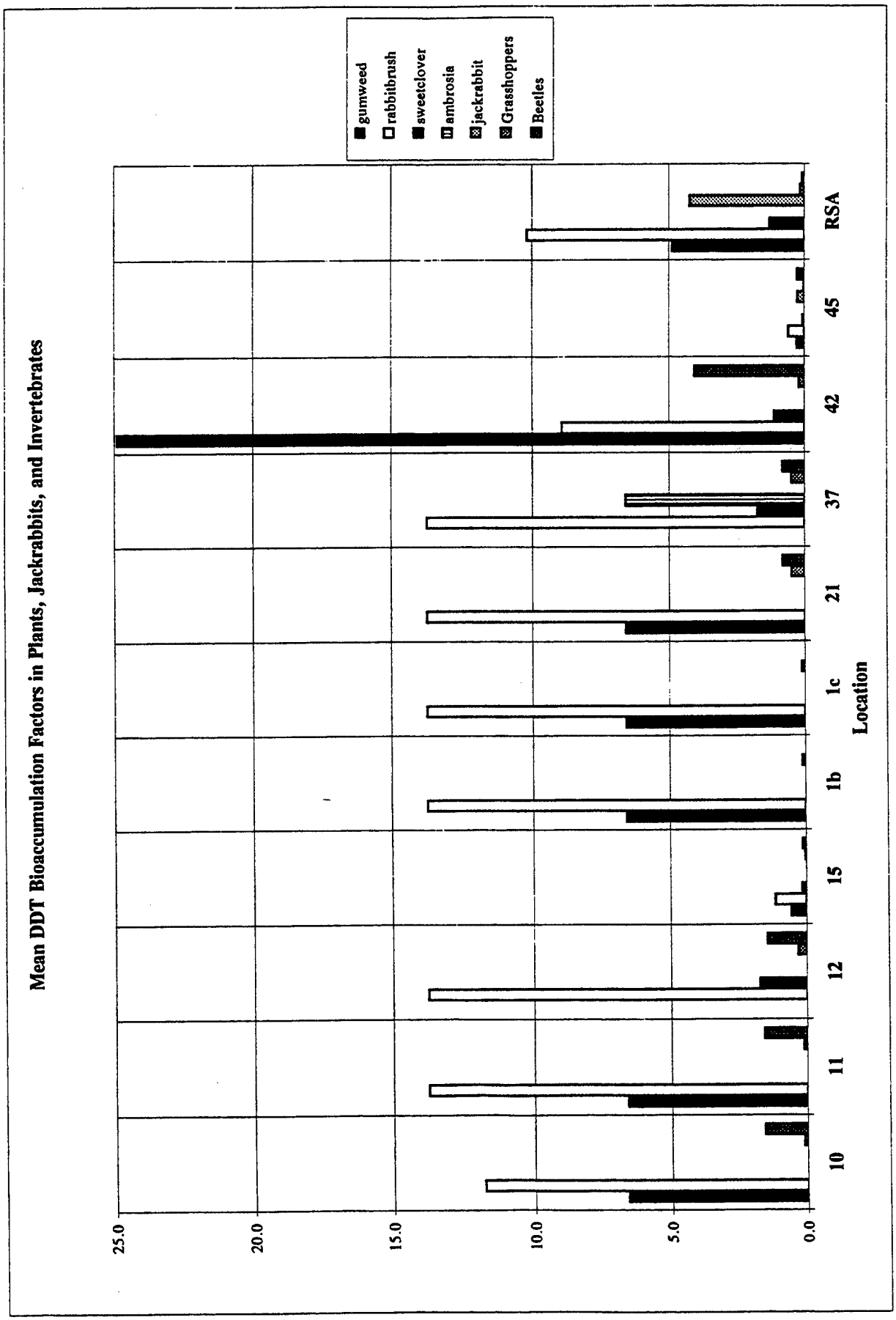

Mean TNT Bioaccumulation Factors in Plants
gumweed
rabbitbrush
sweetclover
ambrosia
BAF
12.00
10.00
8.00
6.00
4.00
2.00
0.00
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

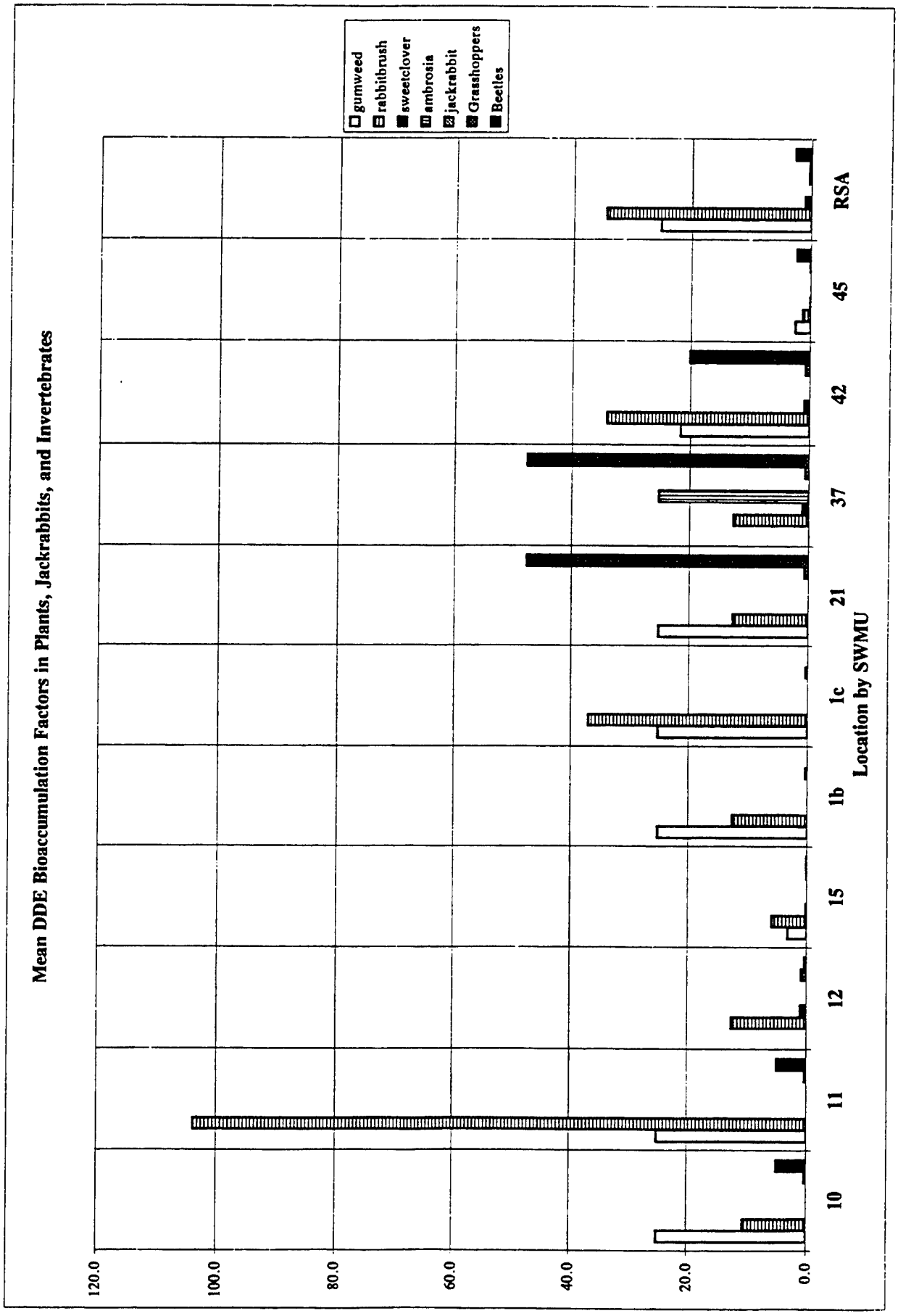

Mean TCDF Bioaccumulation Factors in Plants, Jackrabbits, and Inertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
1.20E-01
1.00E-01
8.00E-02
6.00E-02
4.00E-02
2.00E-02
0.00E+00
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

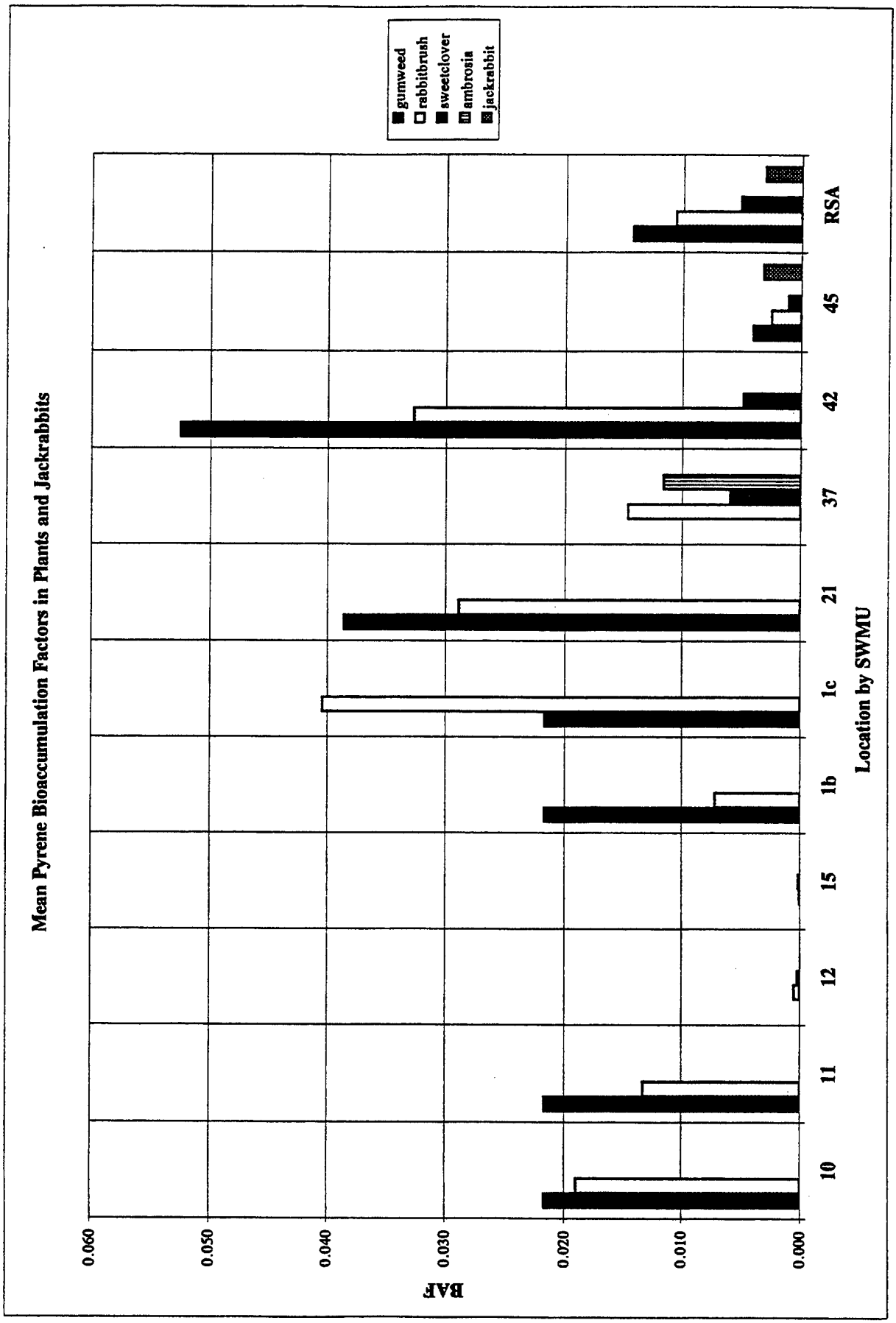

Mean 678HpCDD Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
1.20E+01
1.00E+01
8.00E+00
6.00E+00
4.00E+00
2.00E+00
0.00E+00
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

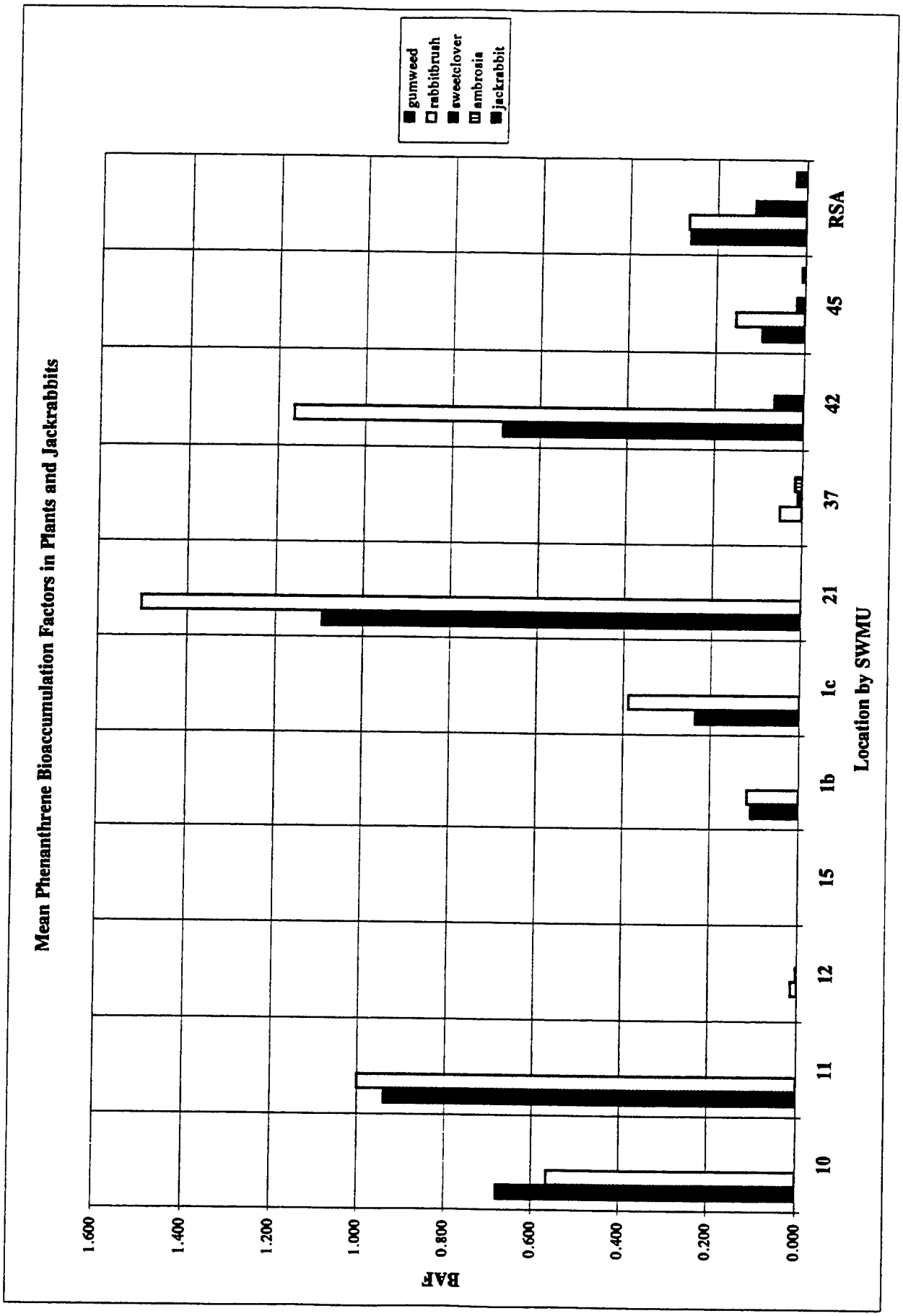

Mean TCDD Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
9.00E-02
8.00E-02
7.00E-02
6.00E-02
5.00E-02
4.00E-02
3.00E-02
2.00E-02
1.00E-02
0.00E+00
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

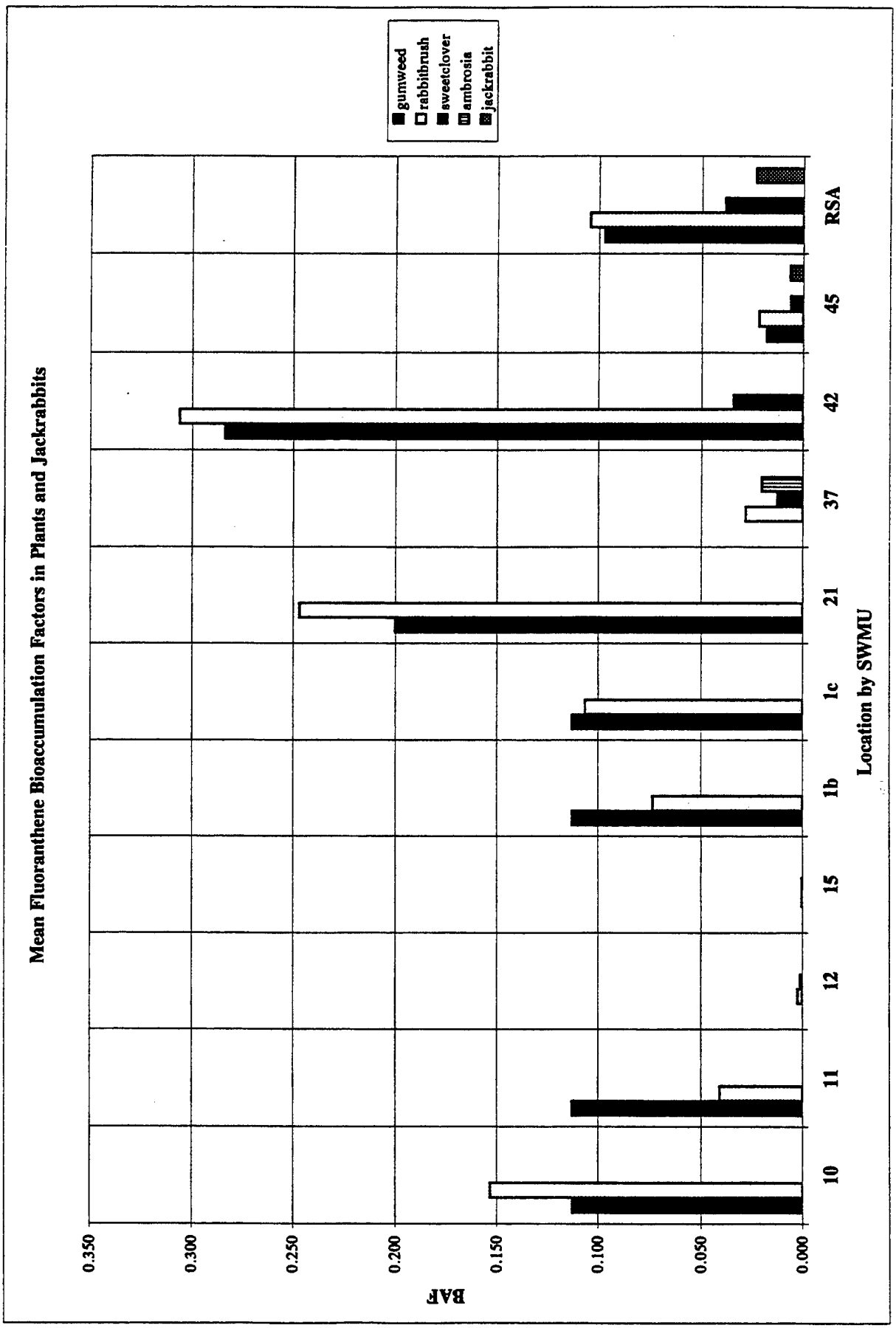

Mean OCDD Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
Gumweed
Ambrosia
Rabbitbrush
Sweetclover
Jackrabbit
Grasshoppers
Beetles
BAF
7.00E+00
6.00E+00
5.00E+00
4.00E+00
3.00E+00
2.00E+00
1.00E+00
0.00E+00
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

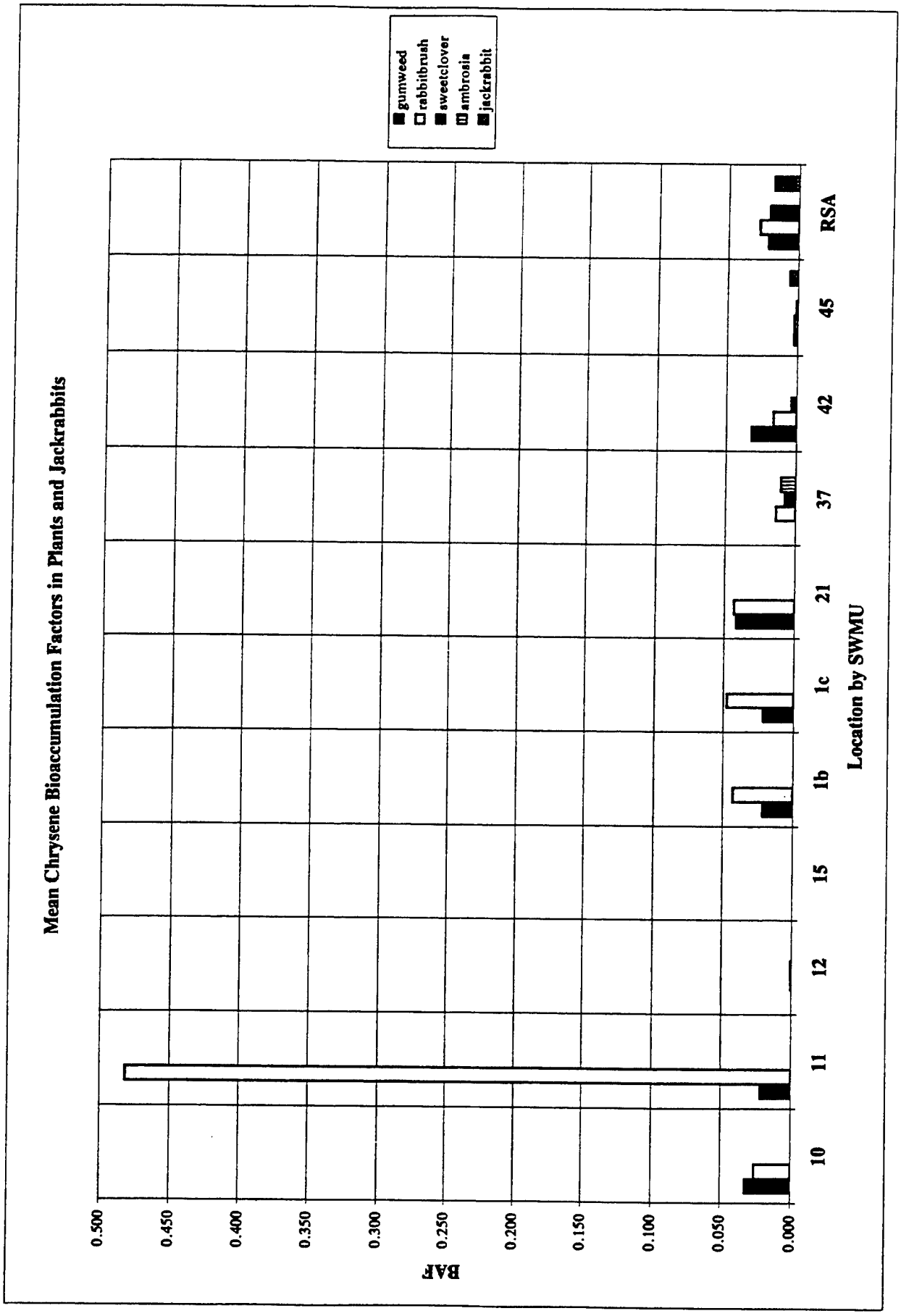

Mean DDT Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
gumweed
rabbitbrush
sweetclover
ambrosia
jackrabbit
Grasshoppers
Beetles
25.0
20.0
15.0
10.0
5.0
0.0
10
11
12
15
1b
1c
21
37
42
45
RSA
Location

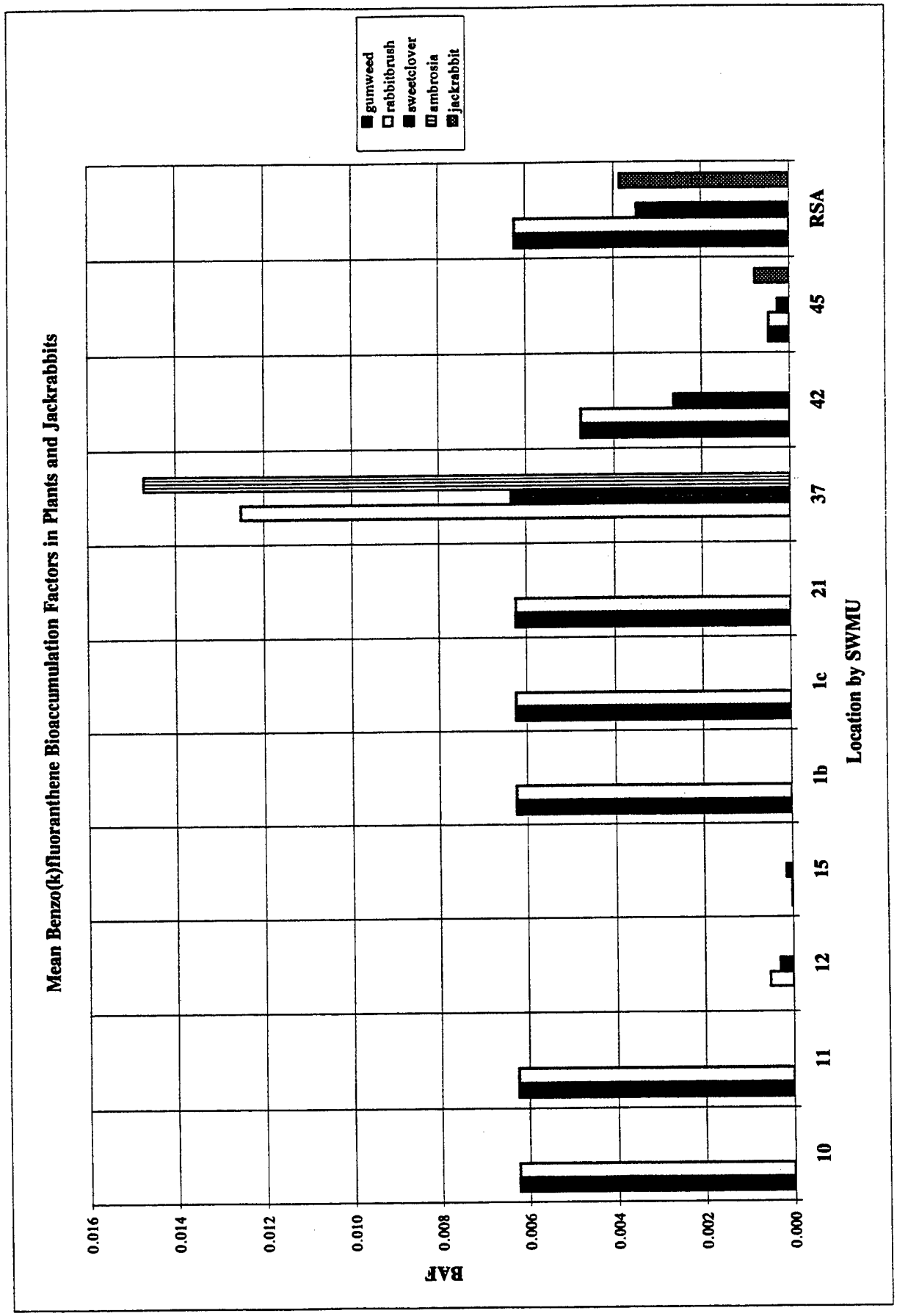

Mean DDE Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates
gumweed
rabbitbrush
sweetclover
ambrosia
jackrabbit
Grasshoppers
Beetles
120.0
100.0
80.0
60.0
40.0
20.0
0.0
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

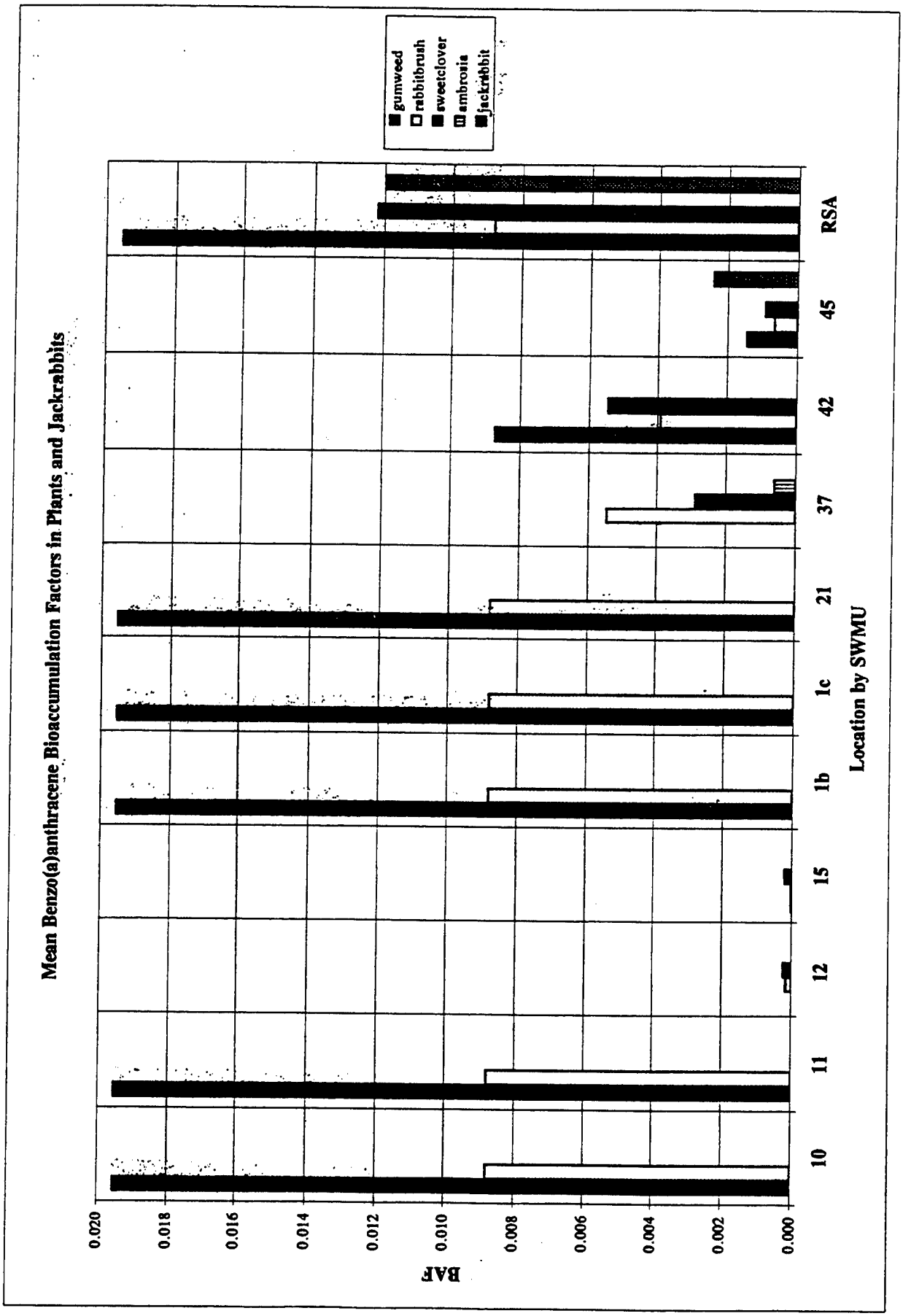

Mean Pyrene Bioaccumulation Factors in Plants and Jackrabbits
gumweed
rabbitbrush
sweetclover
ambrosia
jackrabbit
BAF
0.060
0.050
0.040
0.030
0.020
0.010
0.000
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

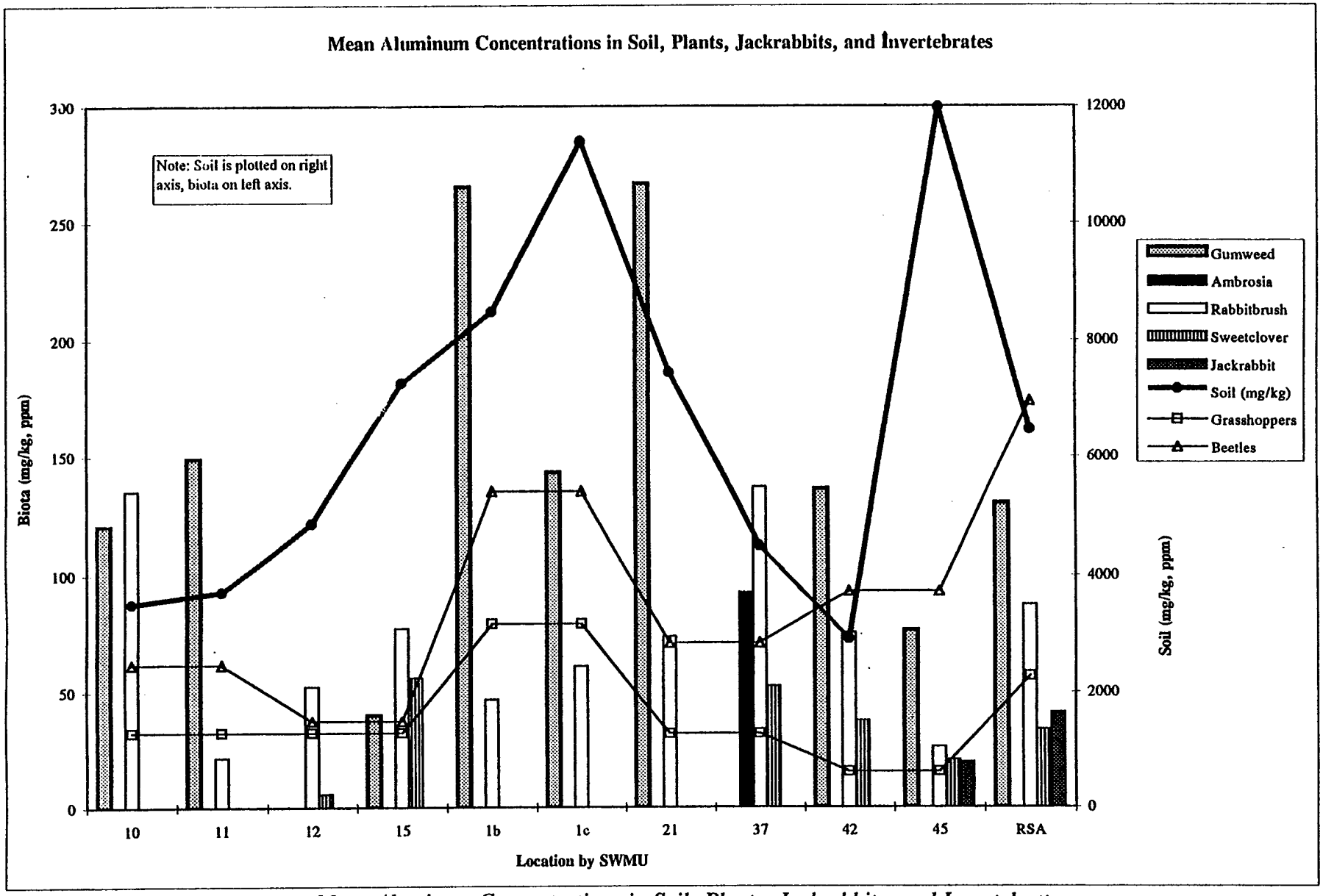

Mean Phenanthrene Bioaccumulation Factors in Plants and Jackrabbits
gumweed
rabbitbrush
sweetclover
ambrosia
jackrabbit
BAF
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU


Mean Fluoranthene Bioaccumulation Factors in Plants and Jackrabbits
gumweed
rabbitbrush
sweetclover
ambrosia
jackrabbit
BAF
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

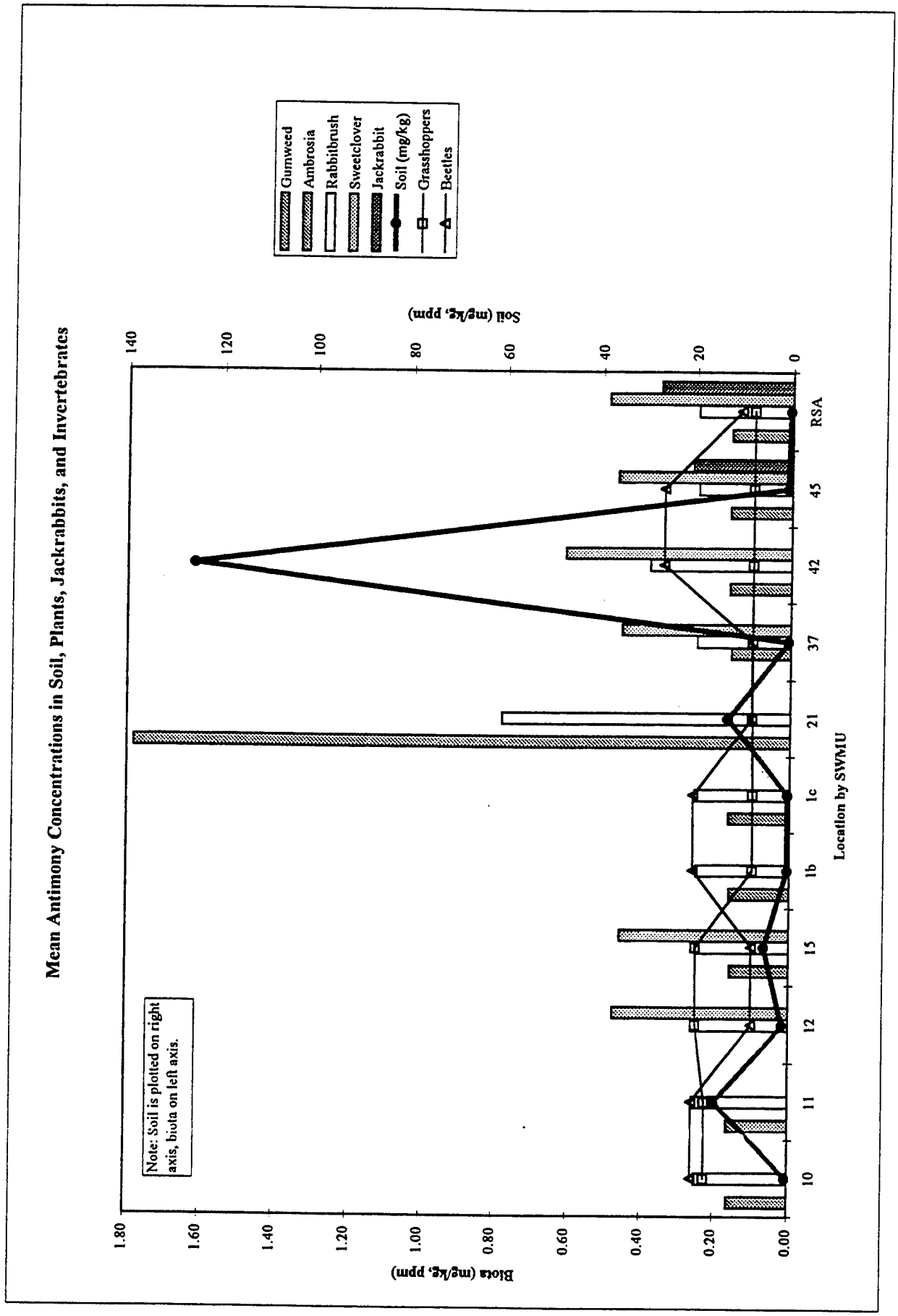

Mean Chrysene Bioaccumulation Factors in Plants and Jackrabbits
gumweed
rabbitbrush
sweetclover
ambrosia
jackrabbit
BAF
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU


Mean Benzo(k)fluoranthene Bioaccumulation Factors in Plants and Jackrabbits
gumweed
rabbitbrush
sweetclover
ambrosia
jackrabbit
BAF
0.016
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU

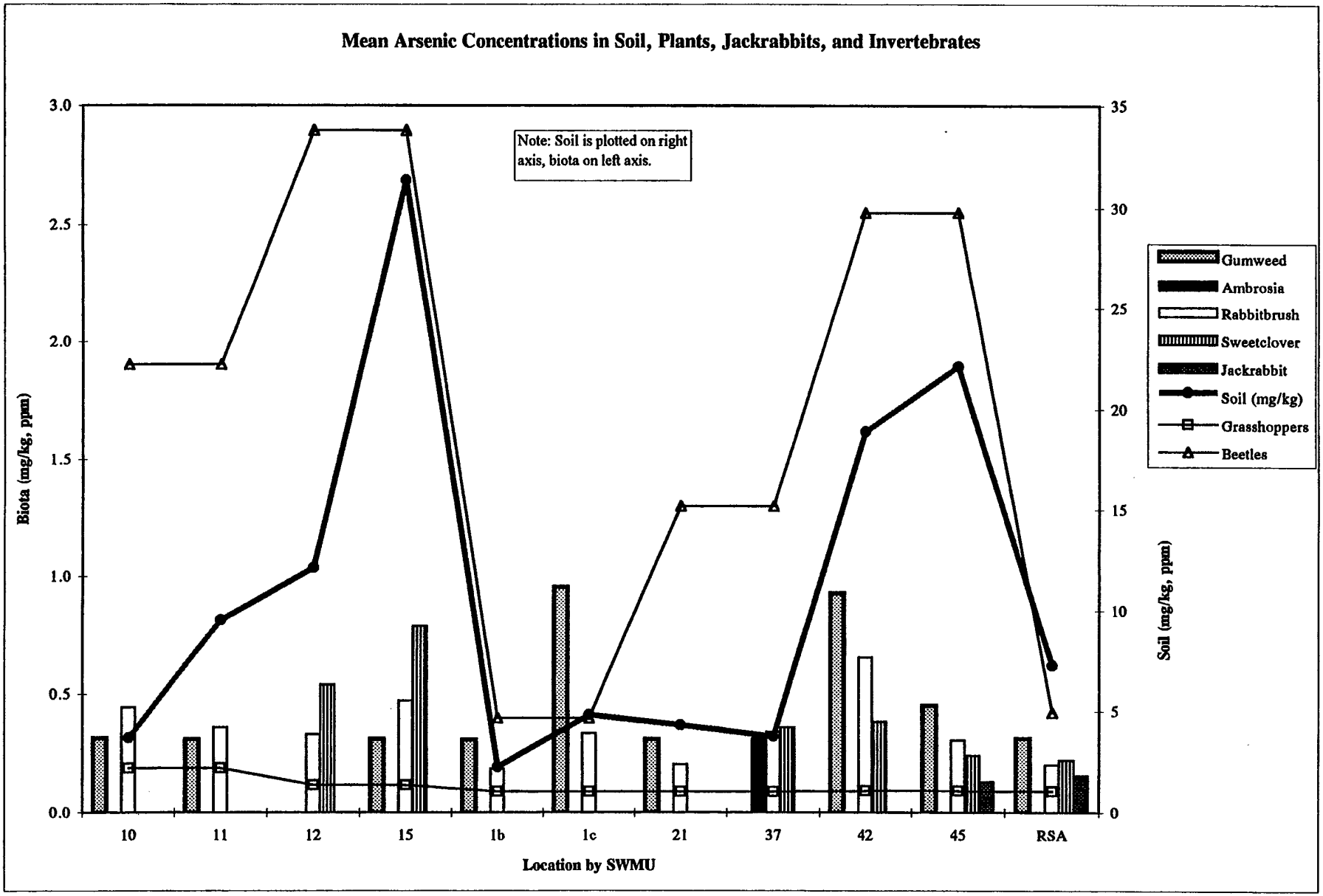

Mean Benzo(a)anthracene Bioaccumulation Factors in Plants and Jackrabbits
gumweed
rabbitbrush
sweetclover
ambrosia
jackrabbit
BAF
0.020
0.018
0.016
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000
10
11
12
15
1b
1c
21
37
42
45
RSA
Location by SWMU



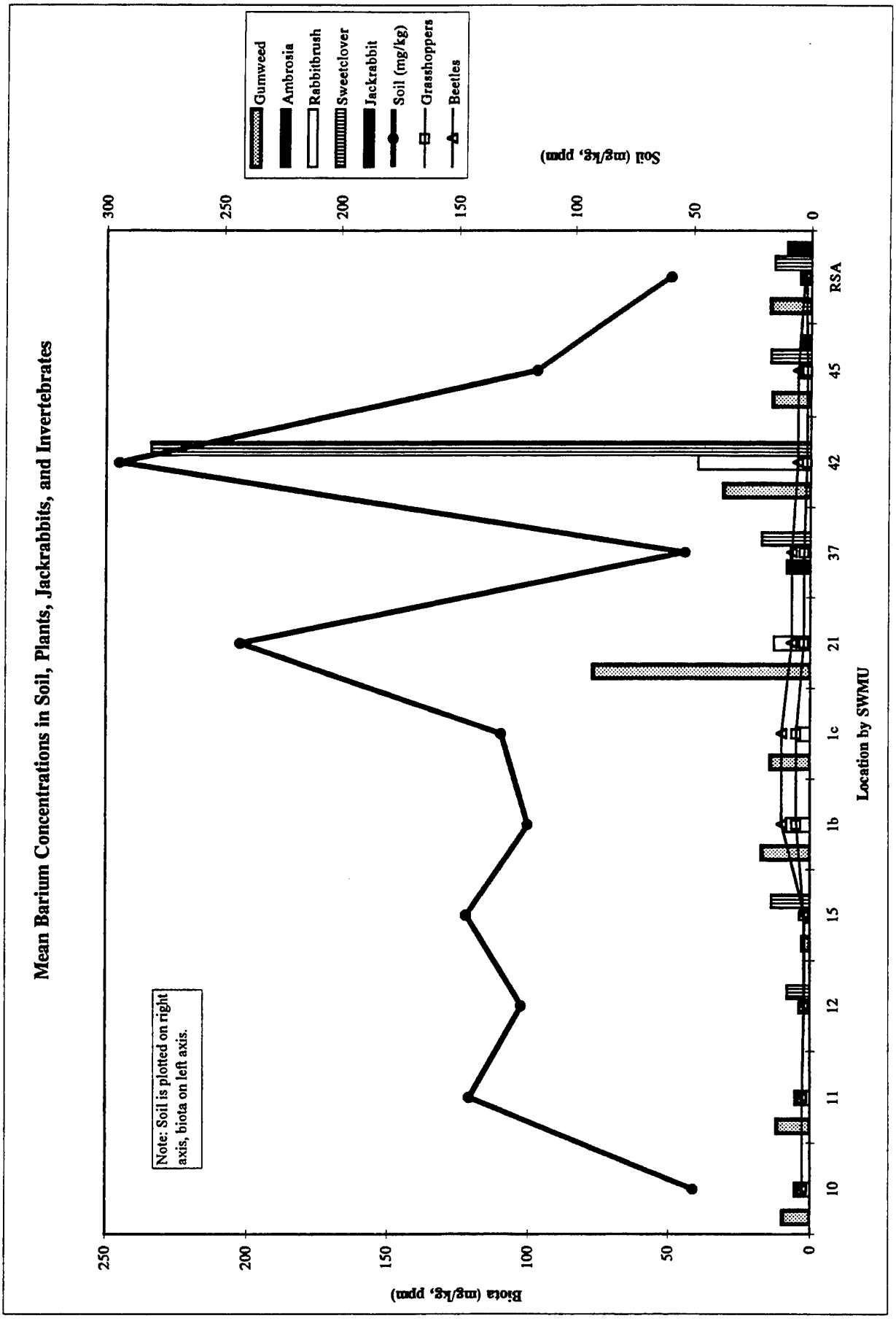
Mean Aluminum Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



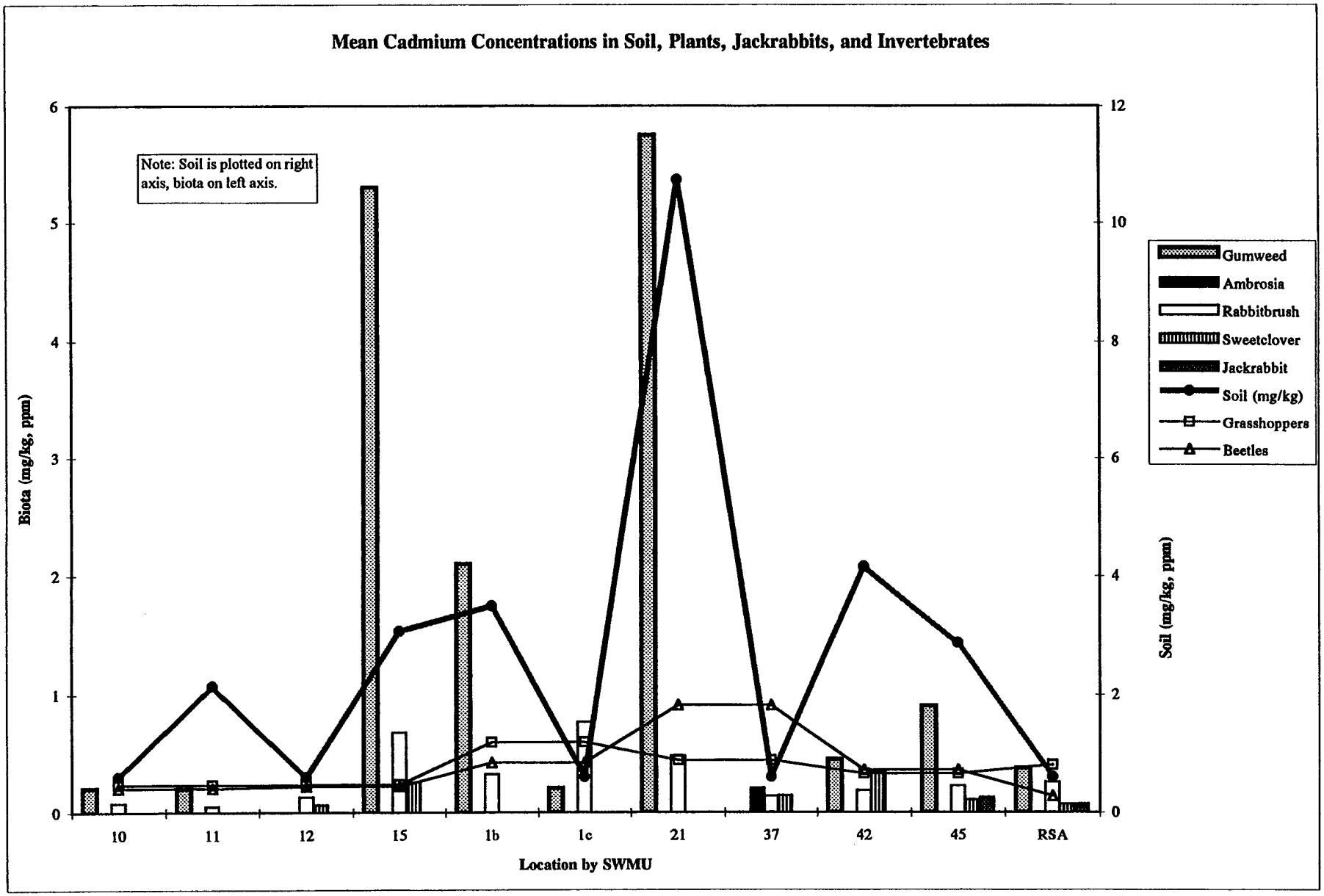
Mean Antimony Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



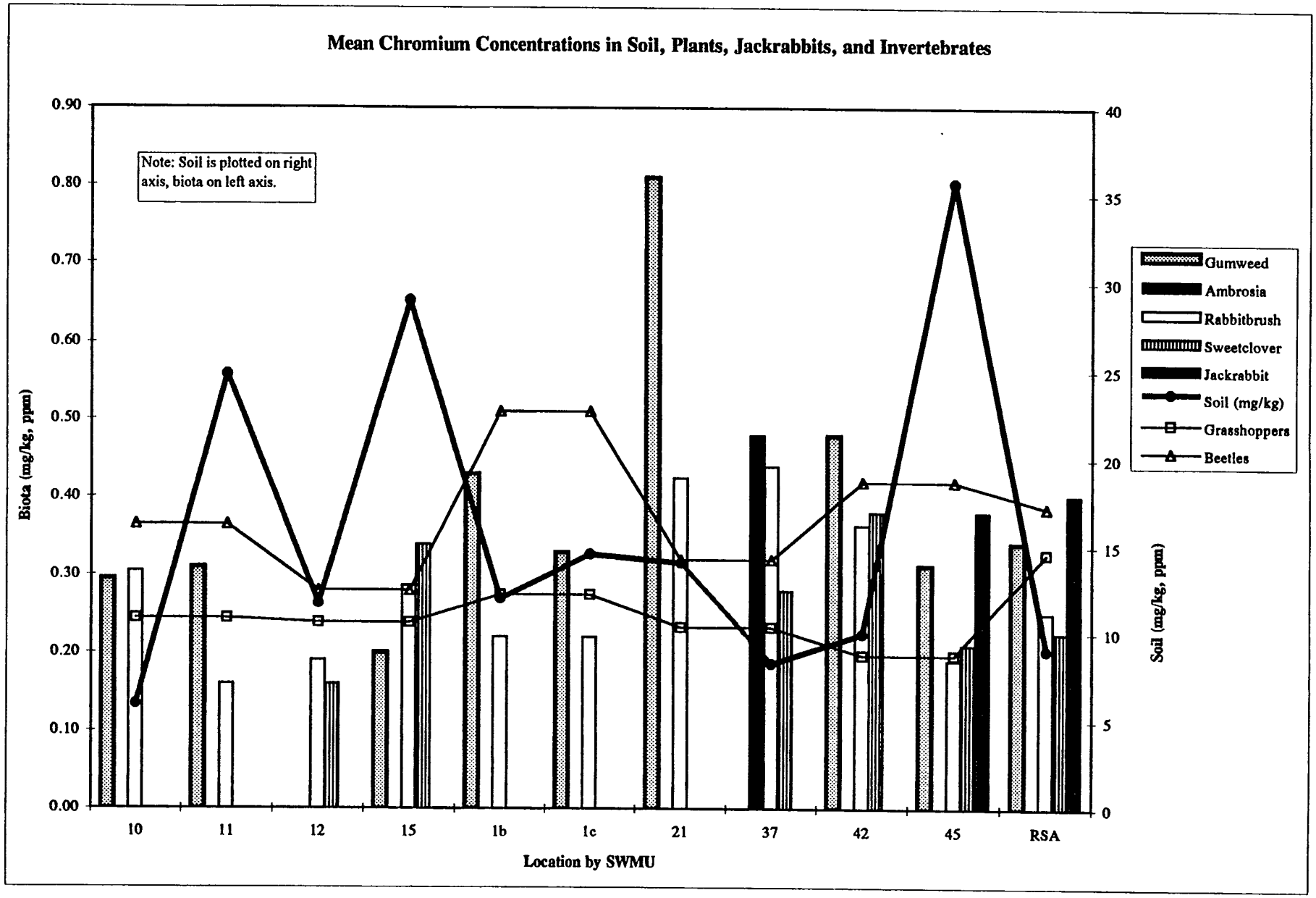
Mean Arsenic Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



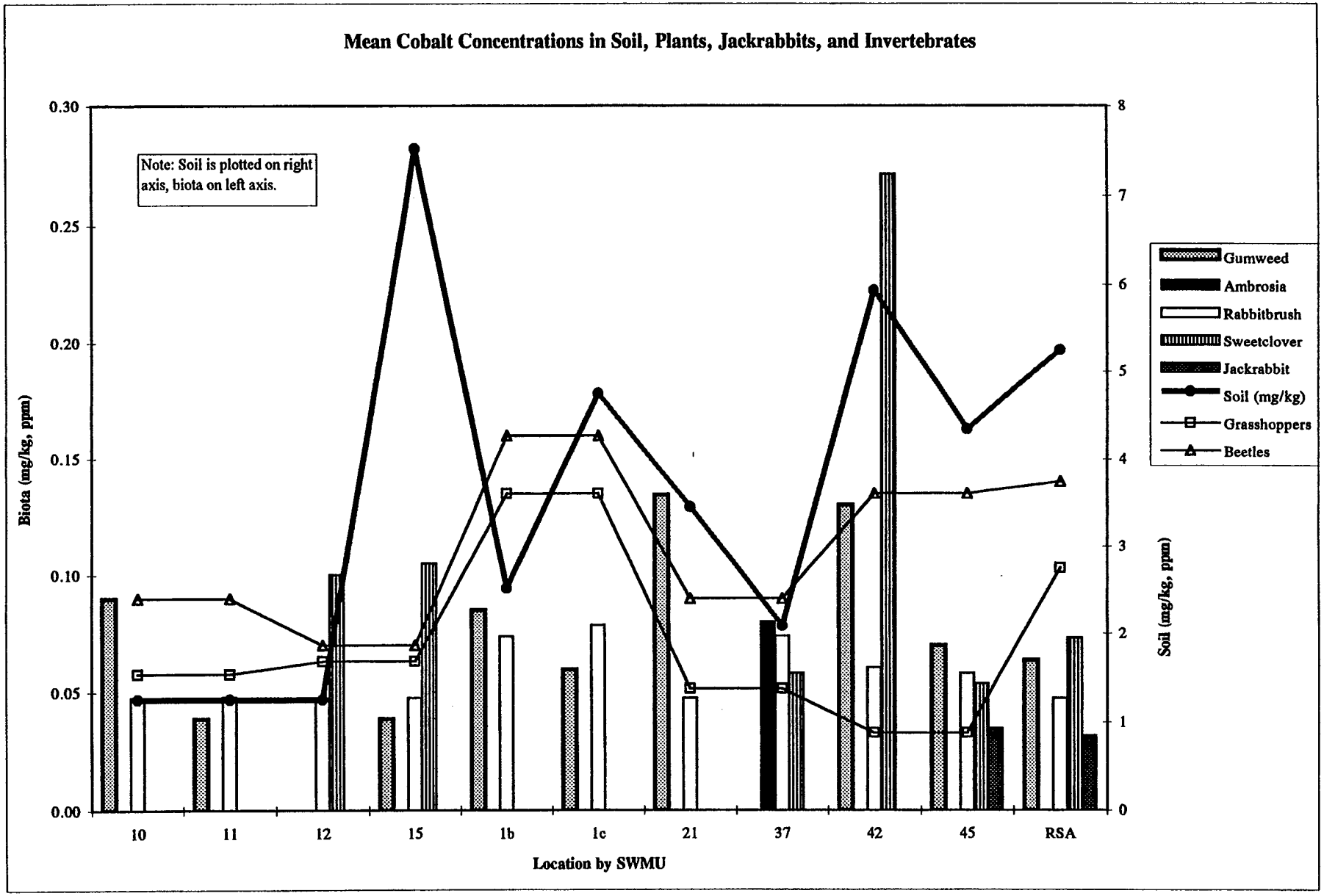
Mean Barium Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



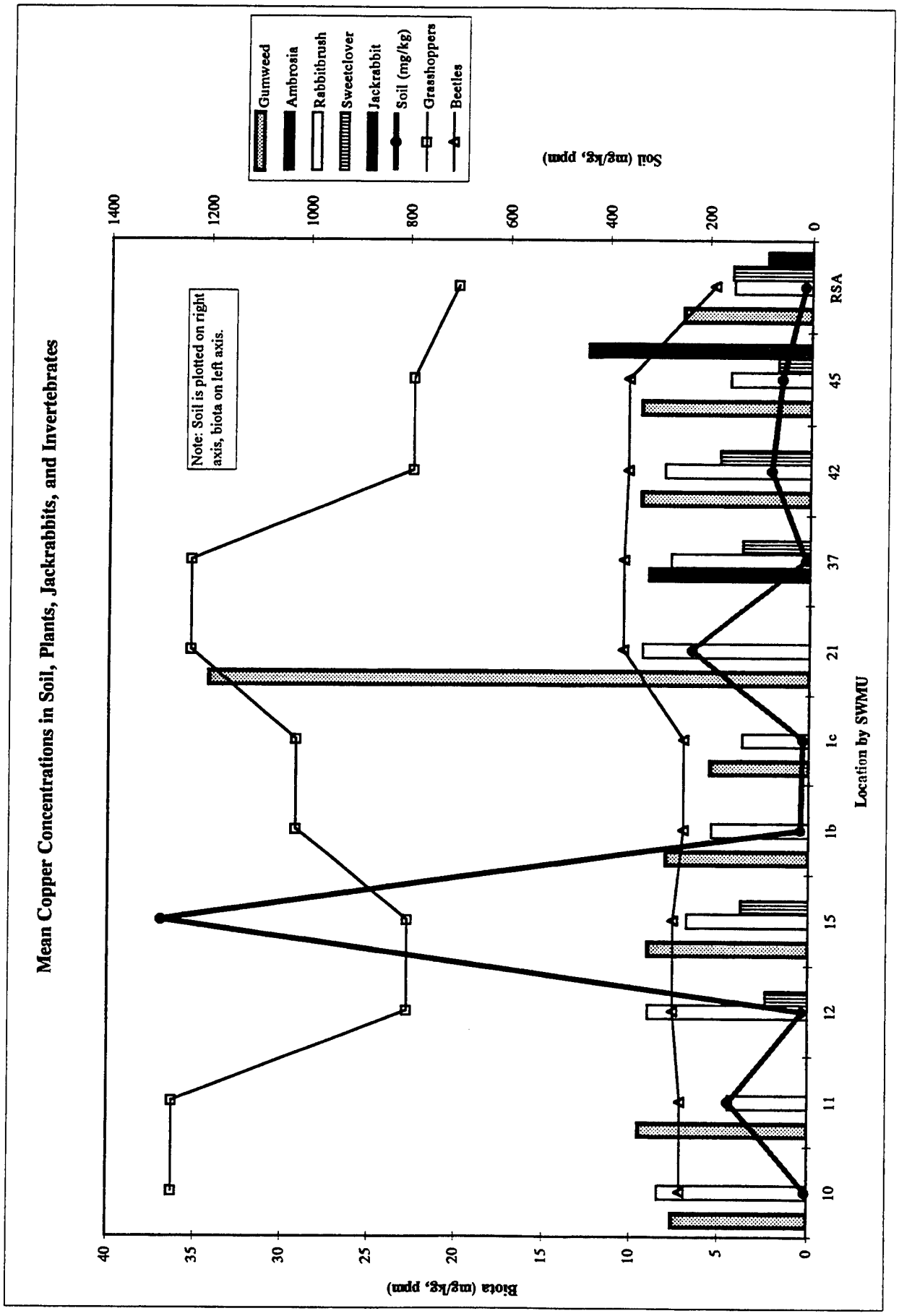
Mean Cadmium Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



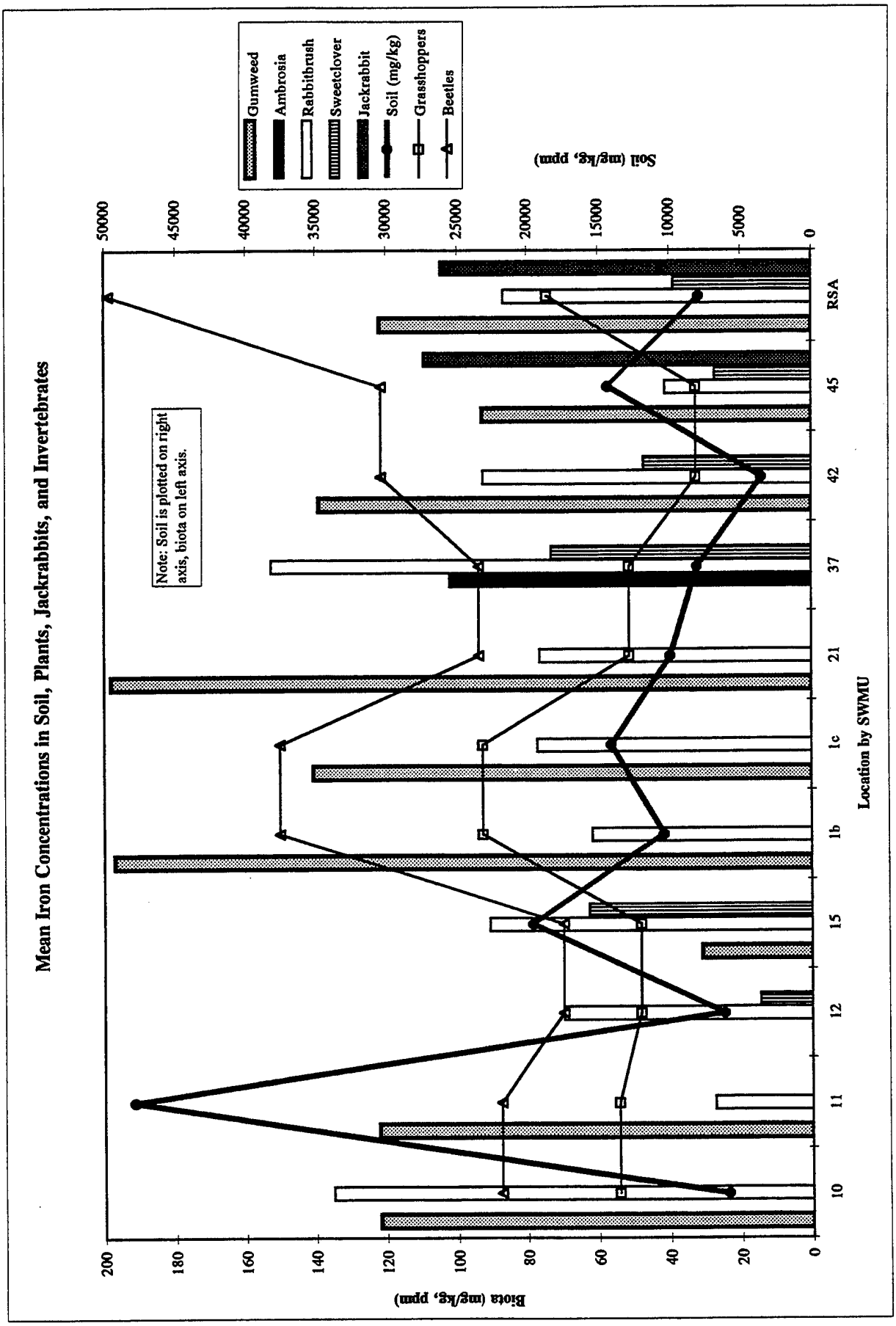
Mean Chromium Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



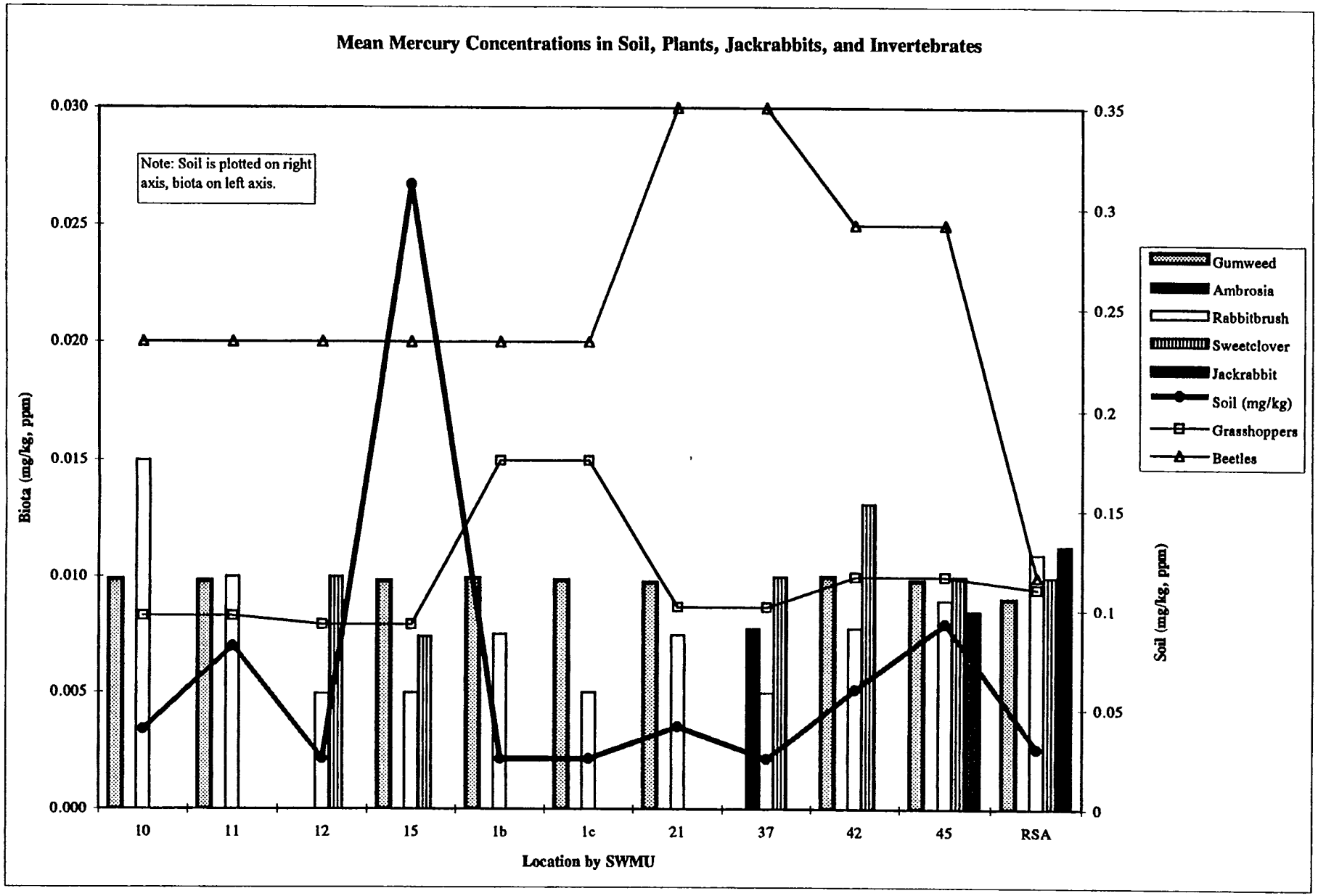
Mean Cobalt Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



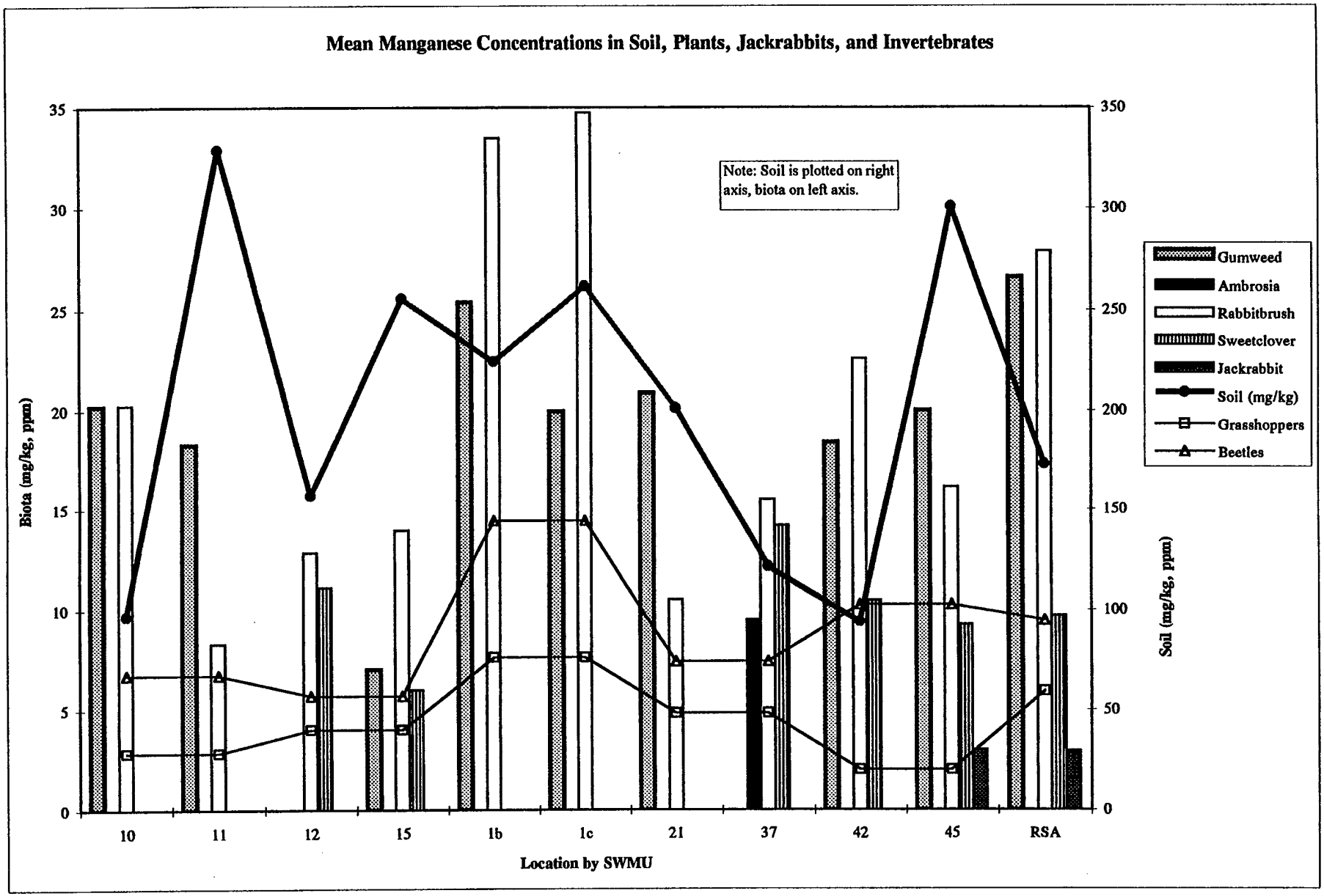
Mean Copper Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



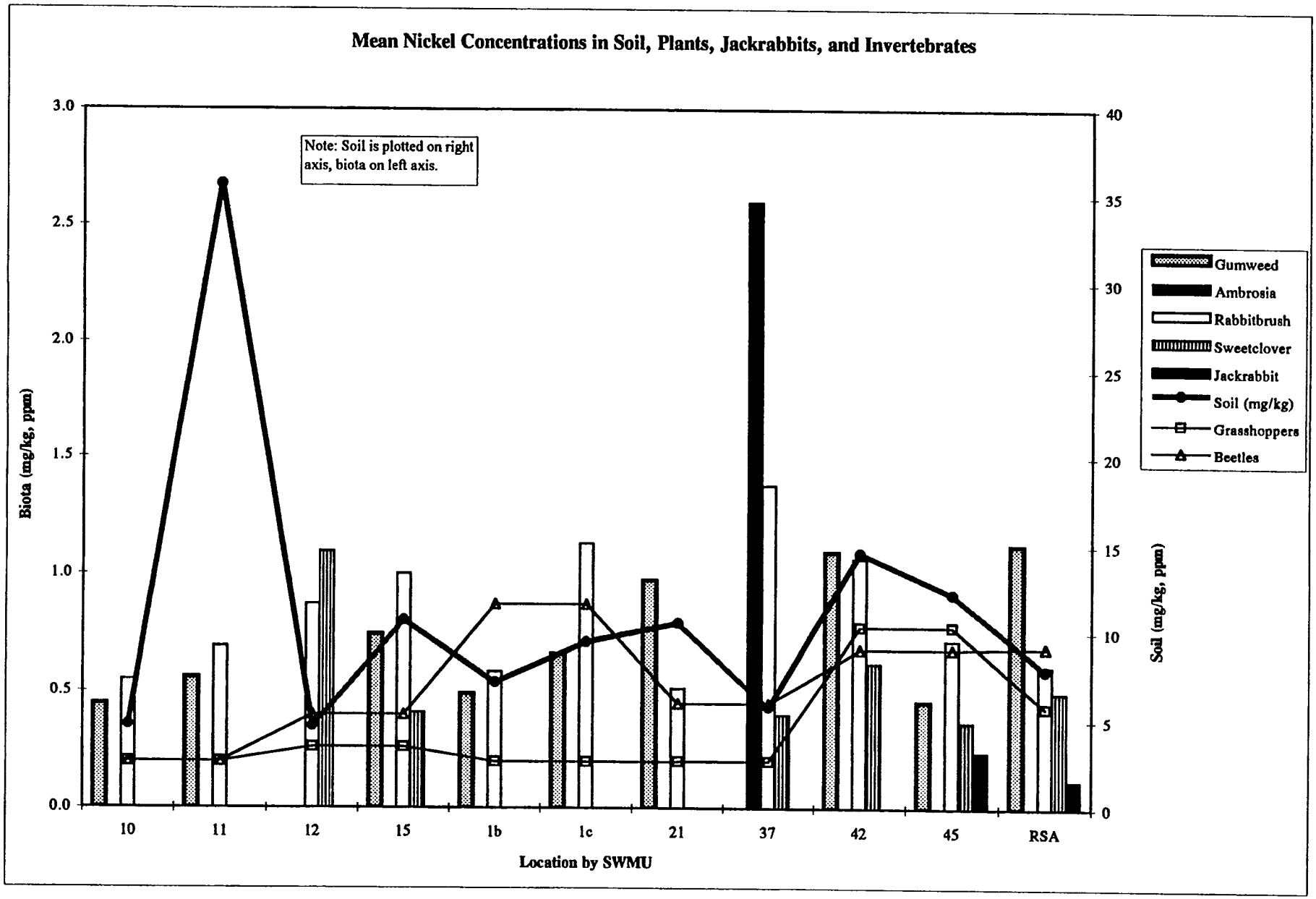
Mean Iron Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



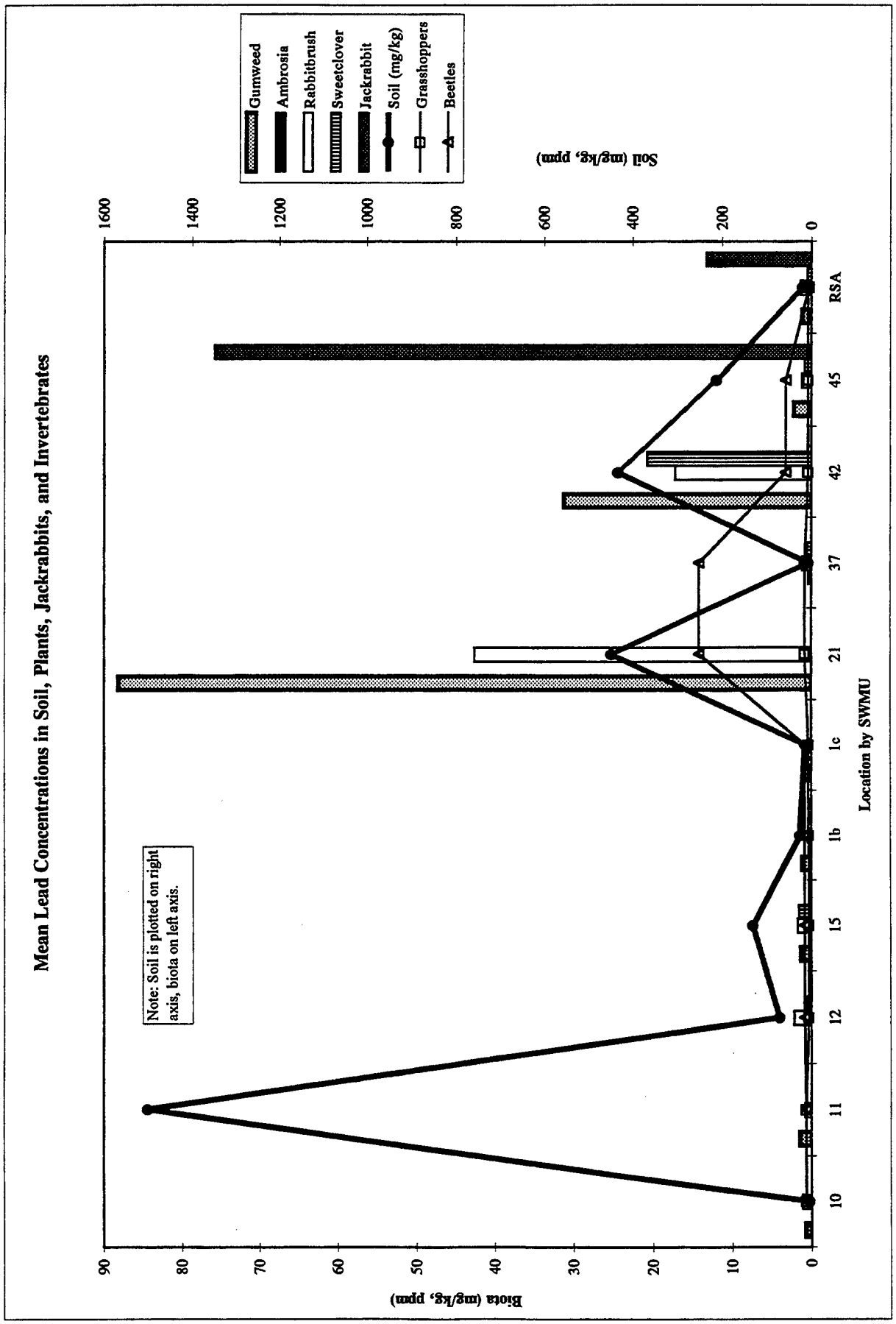
Mean Mercury Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



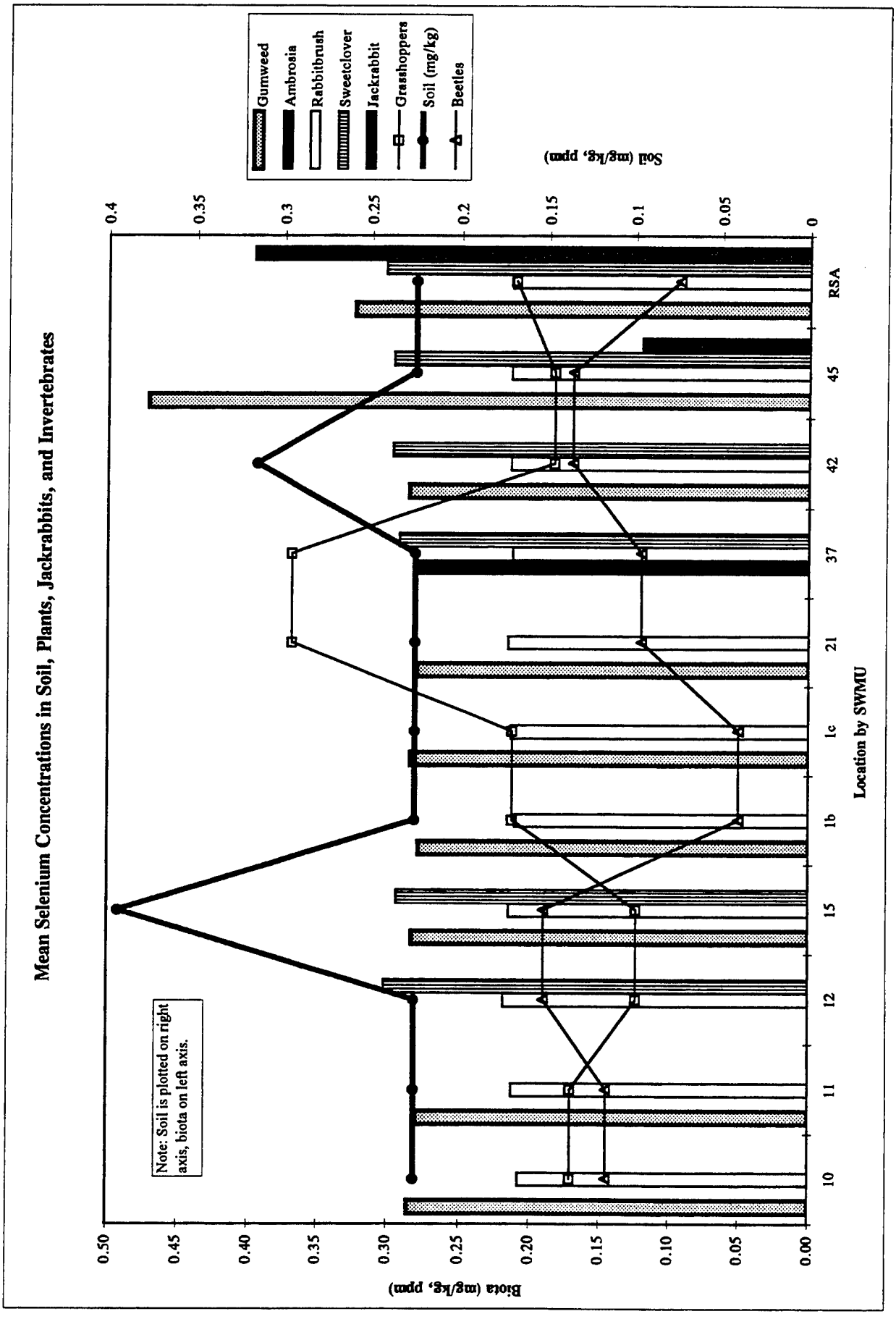
Mean Manganese Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



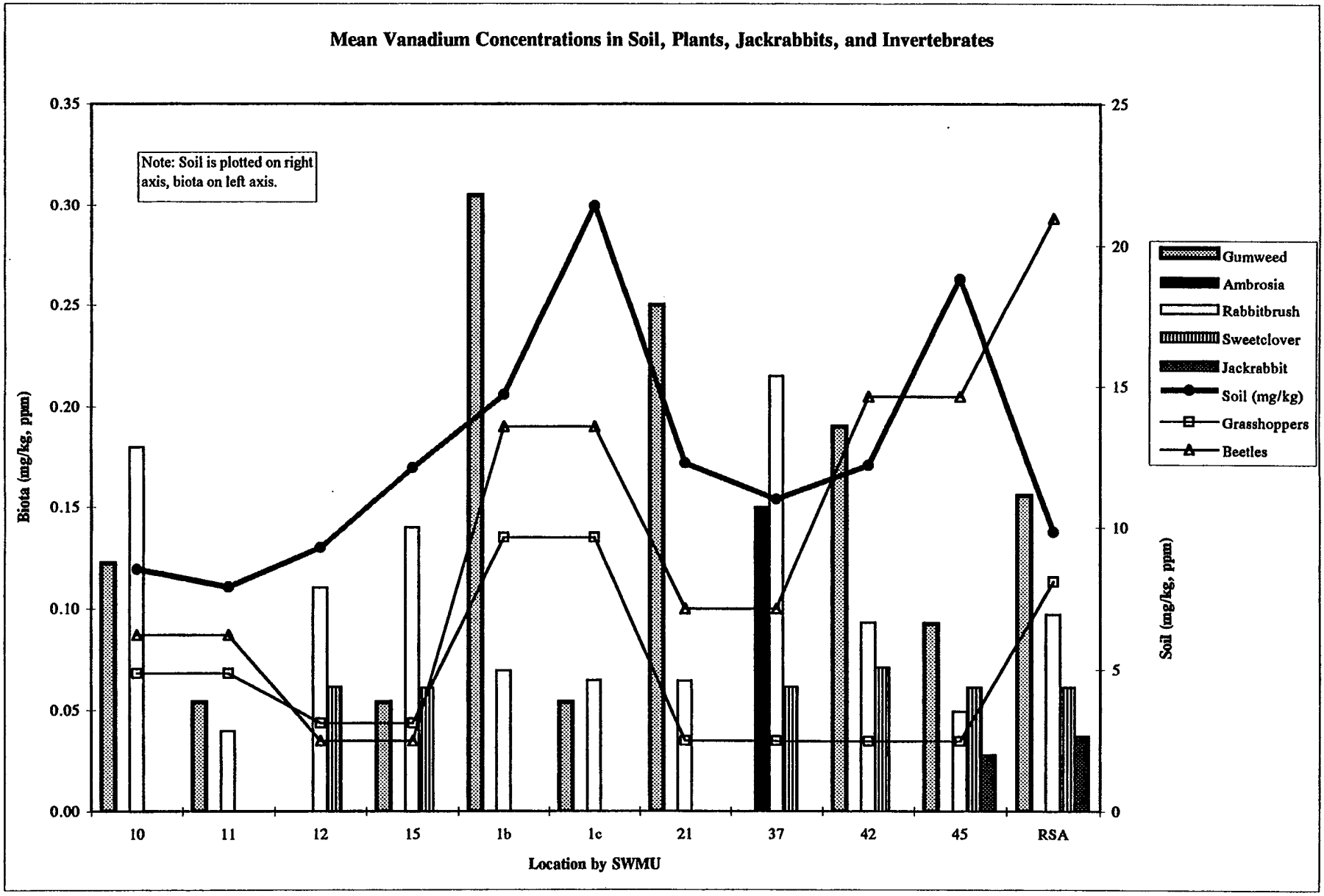
Mean Nickel Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



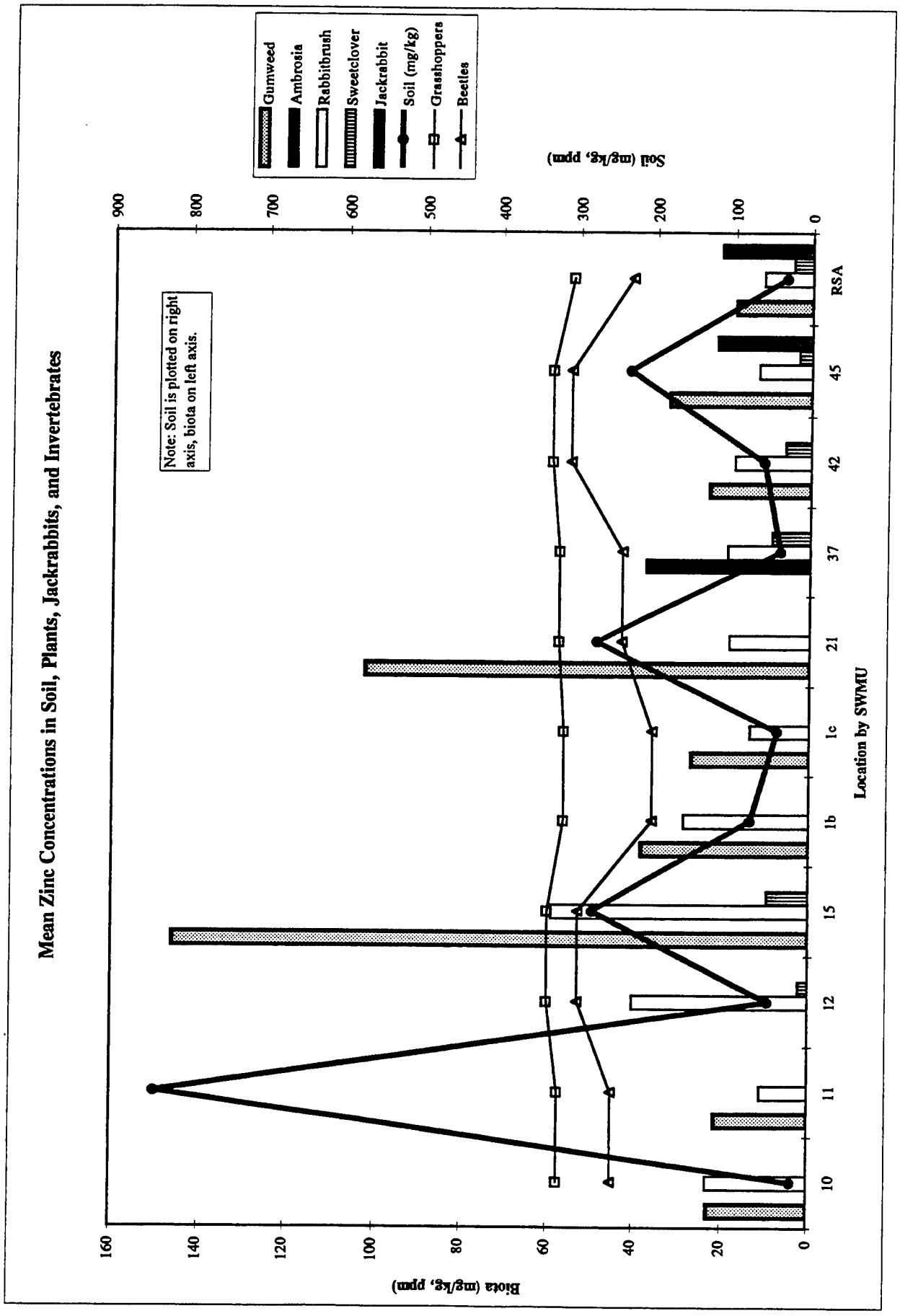
Mean Lead Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



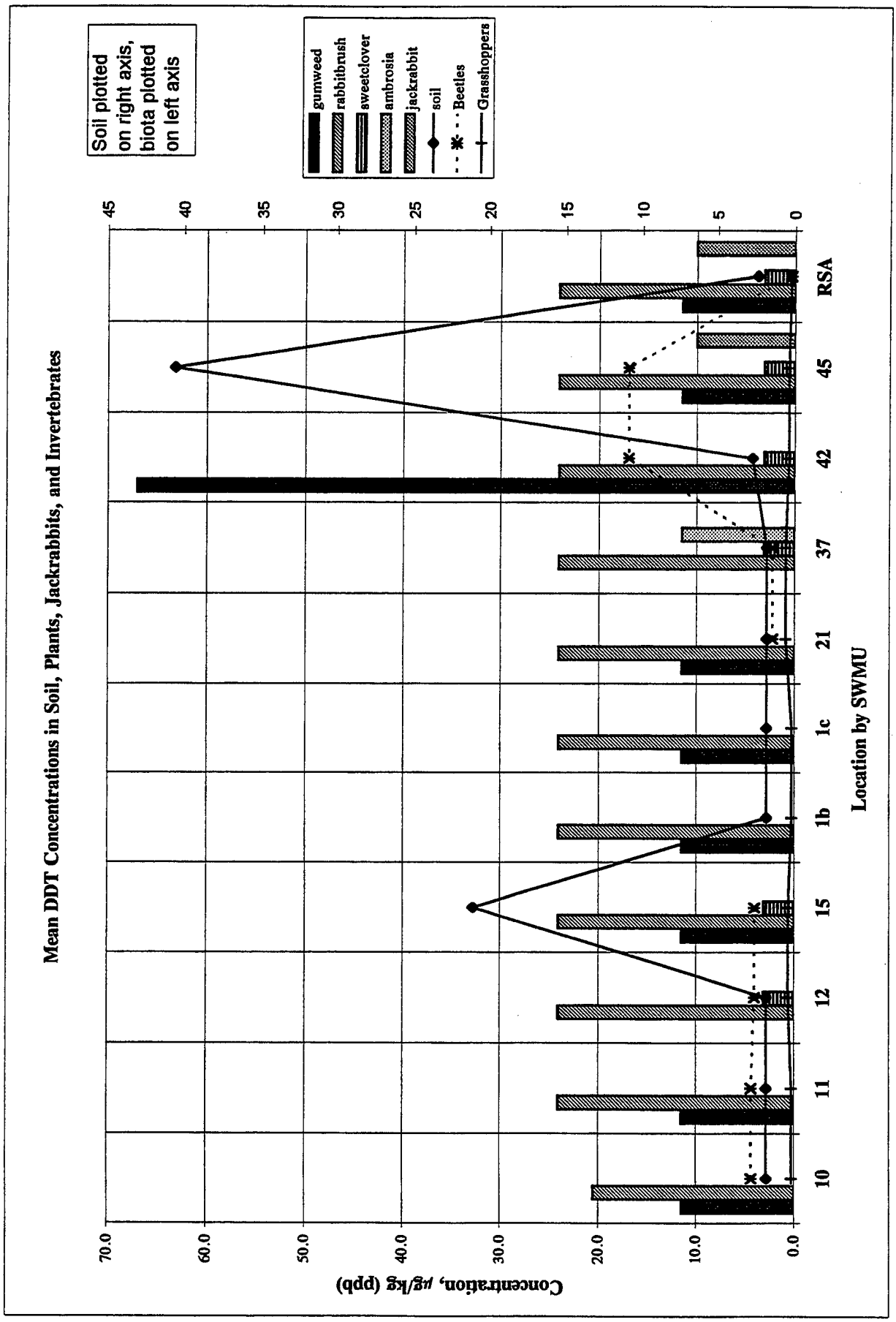
Mean Selenium Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



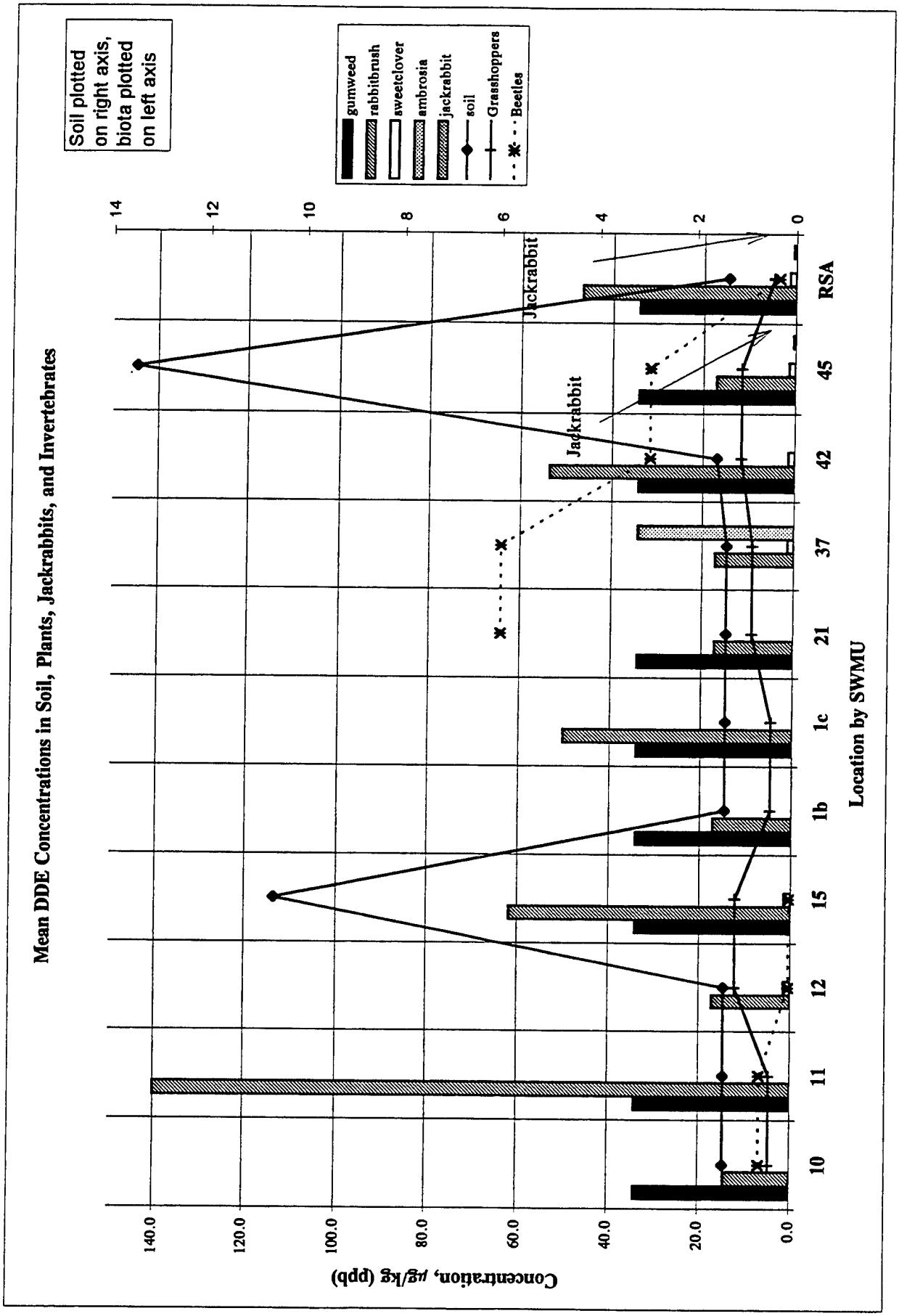
Mean Vanadium Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



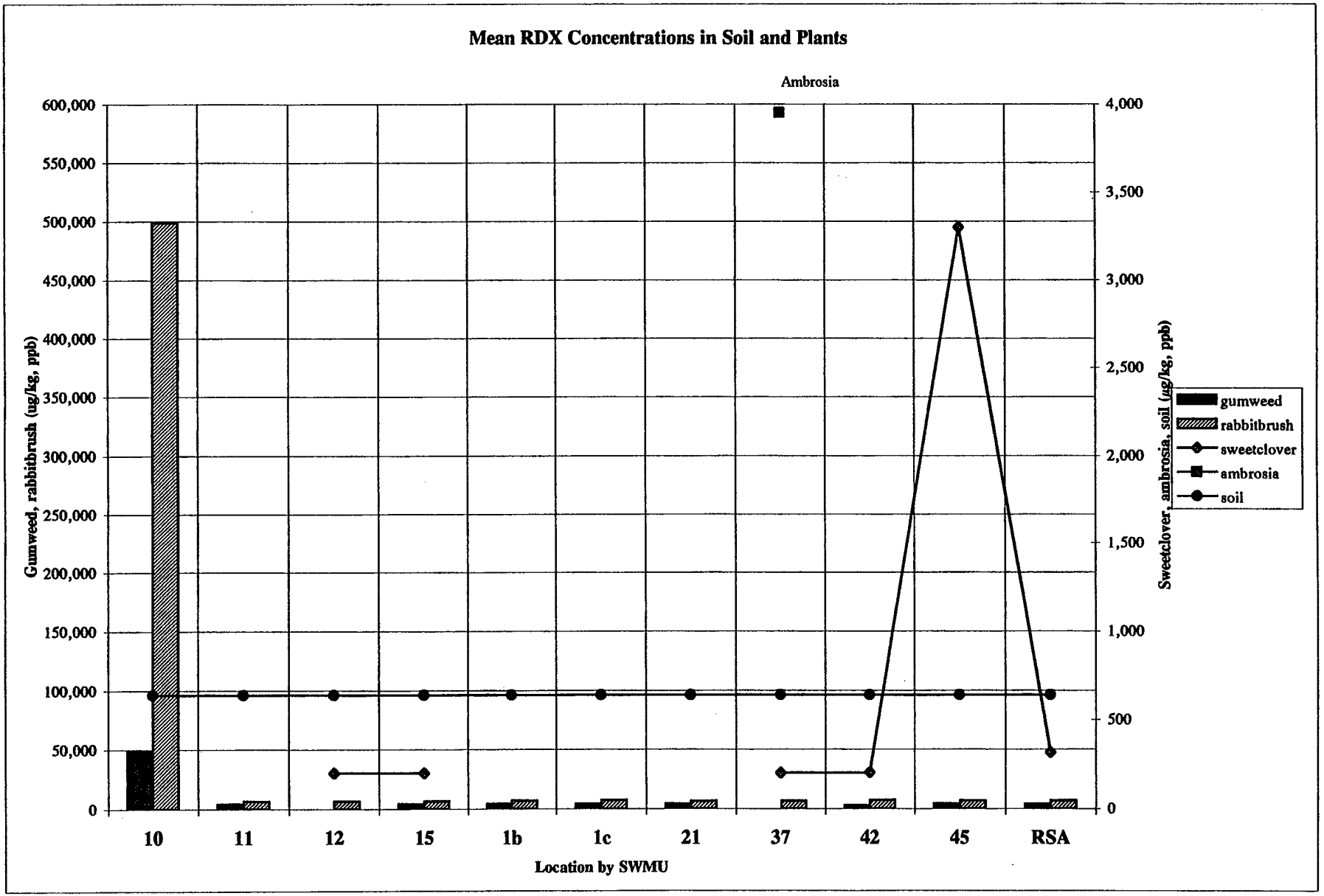
Mean Zinc Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



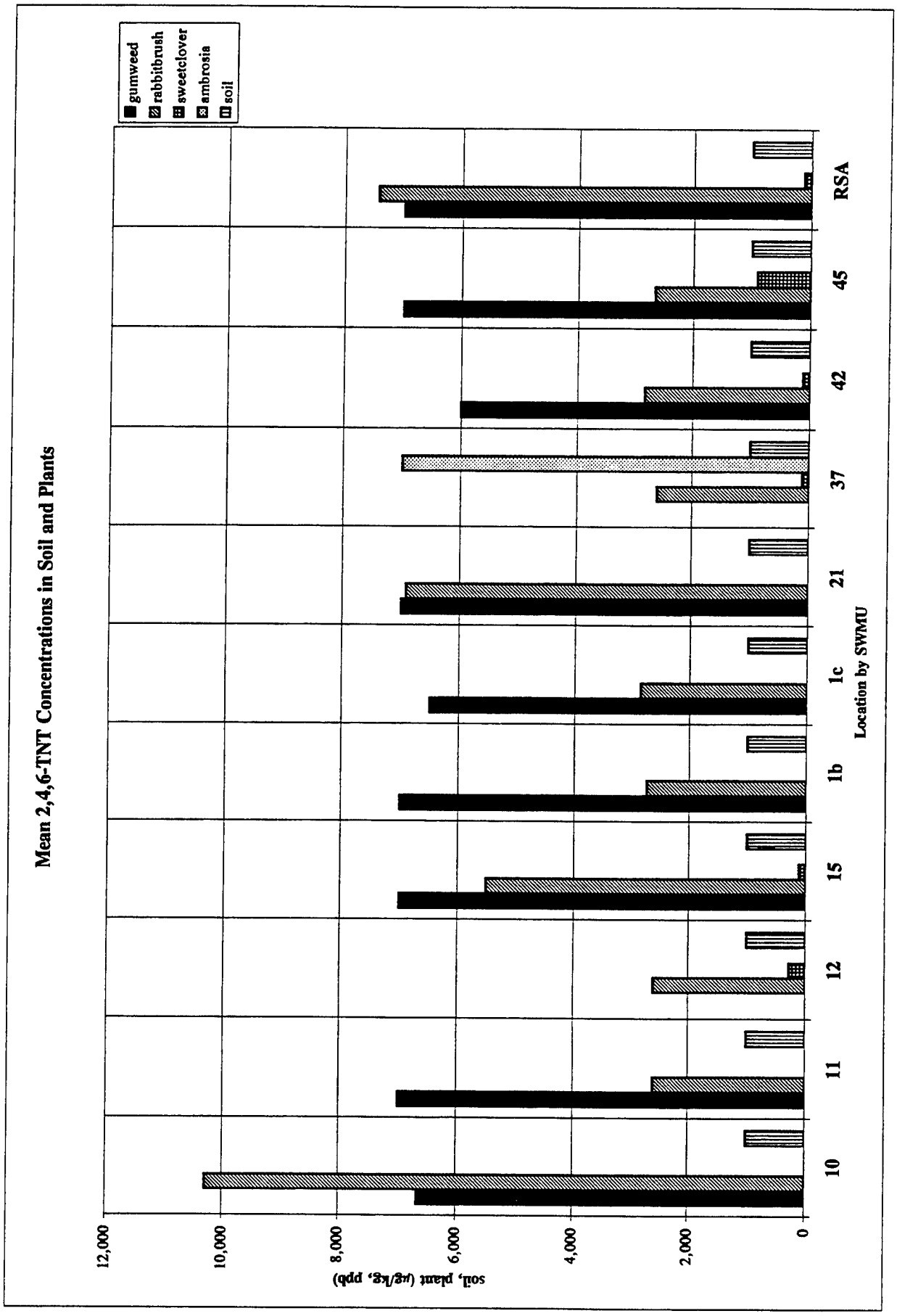
Mean DDT Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



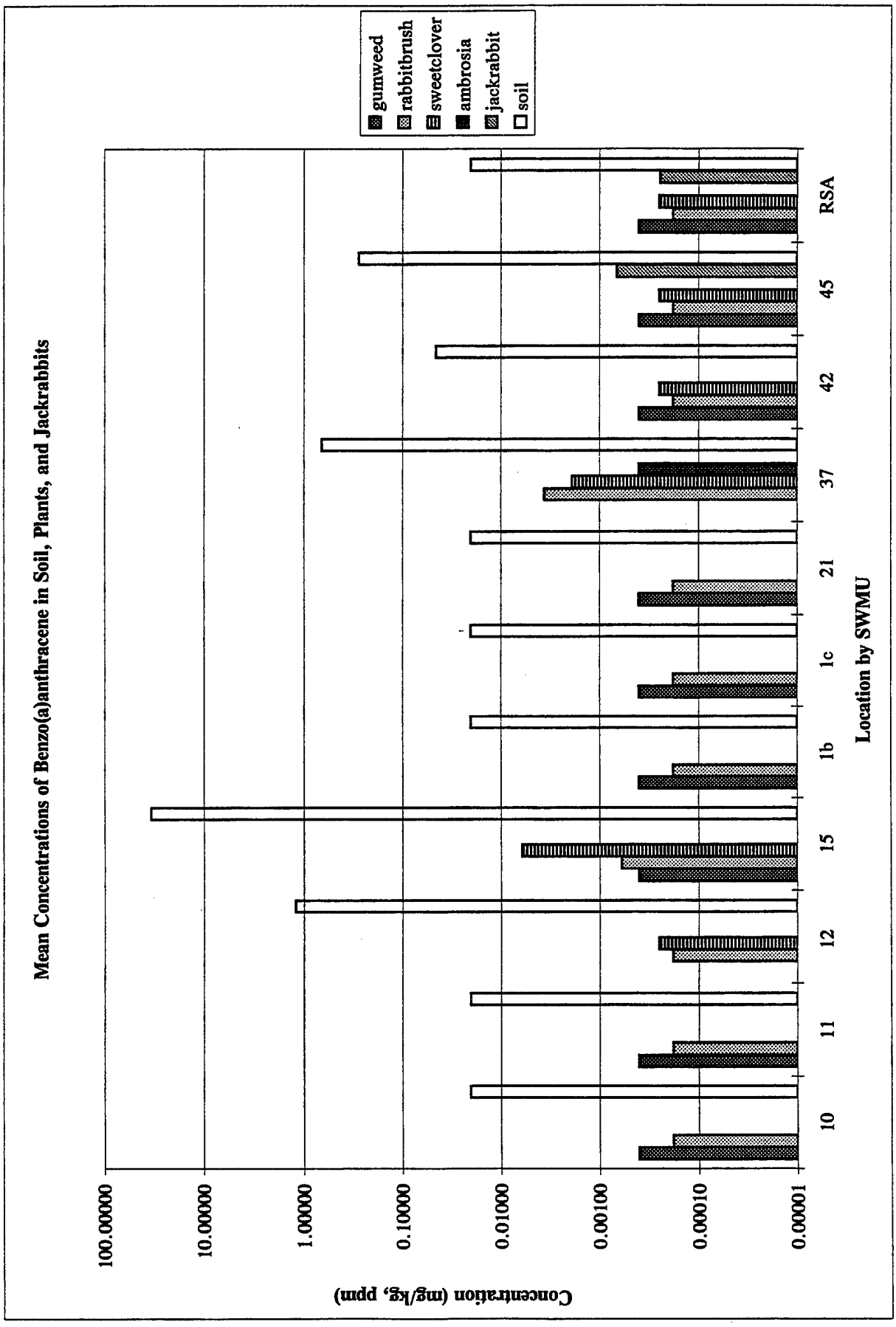
Mean DDE Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



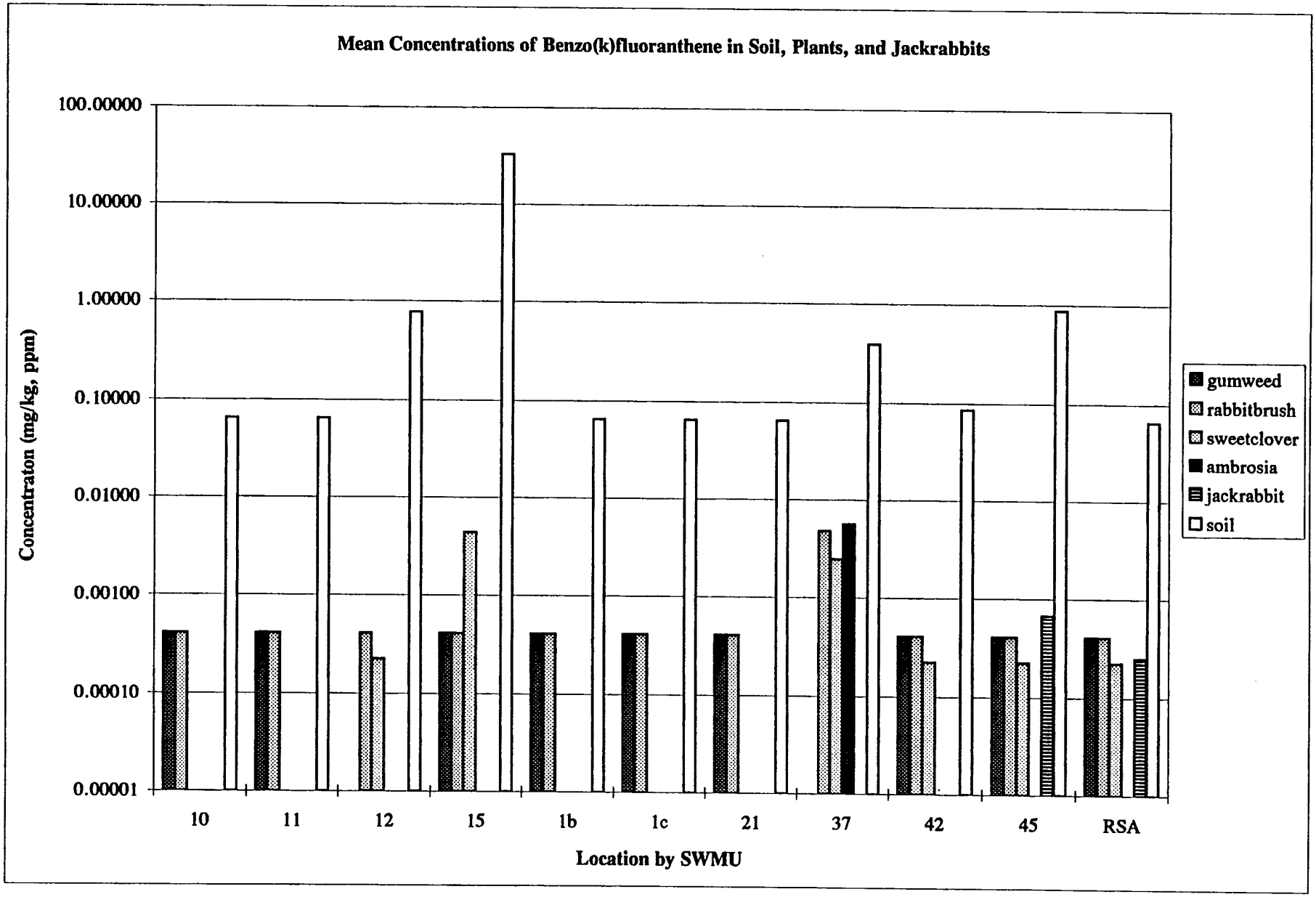
Mean RDX Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



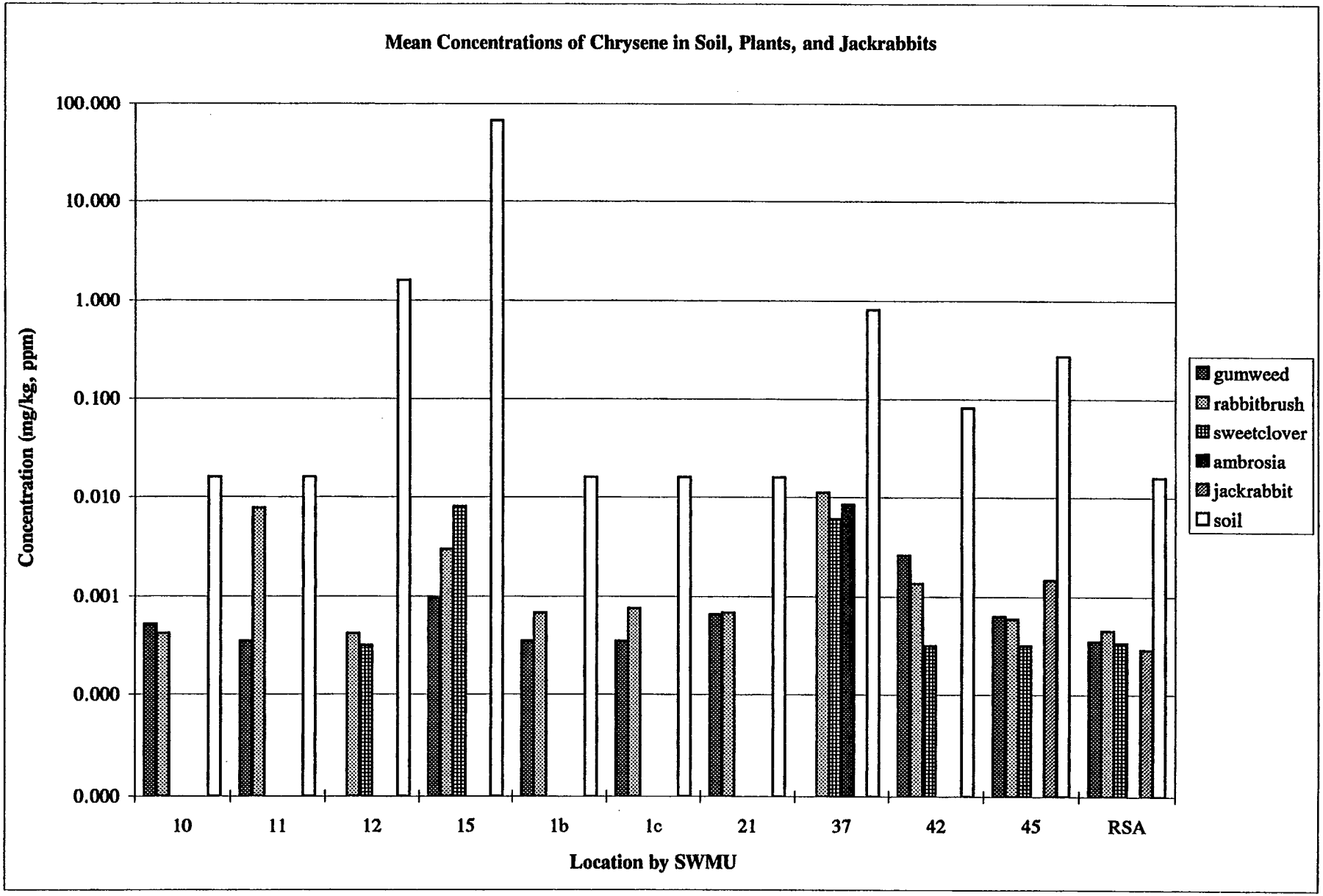
Mean 2,4,6-TNT Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



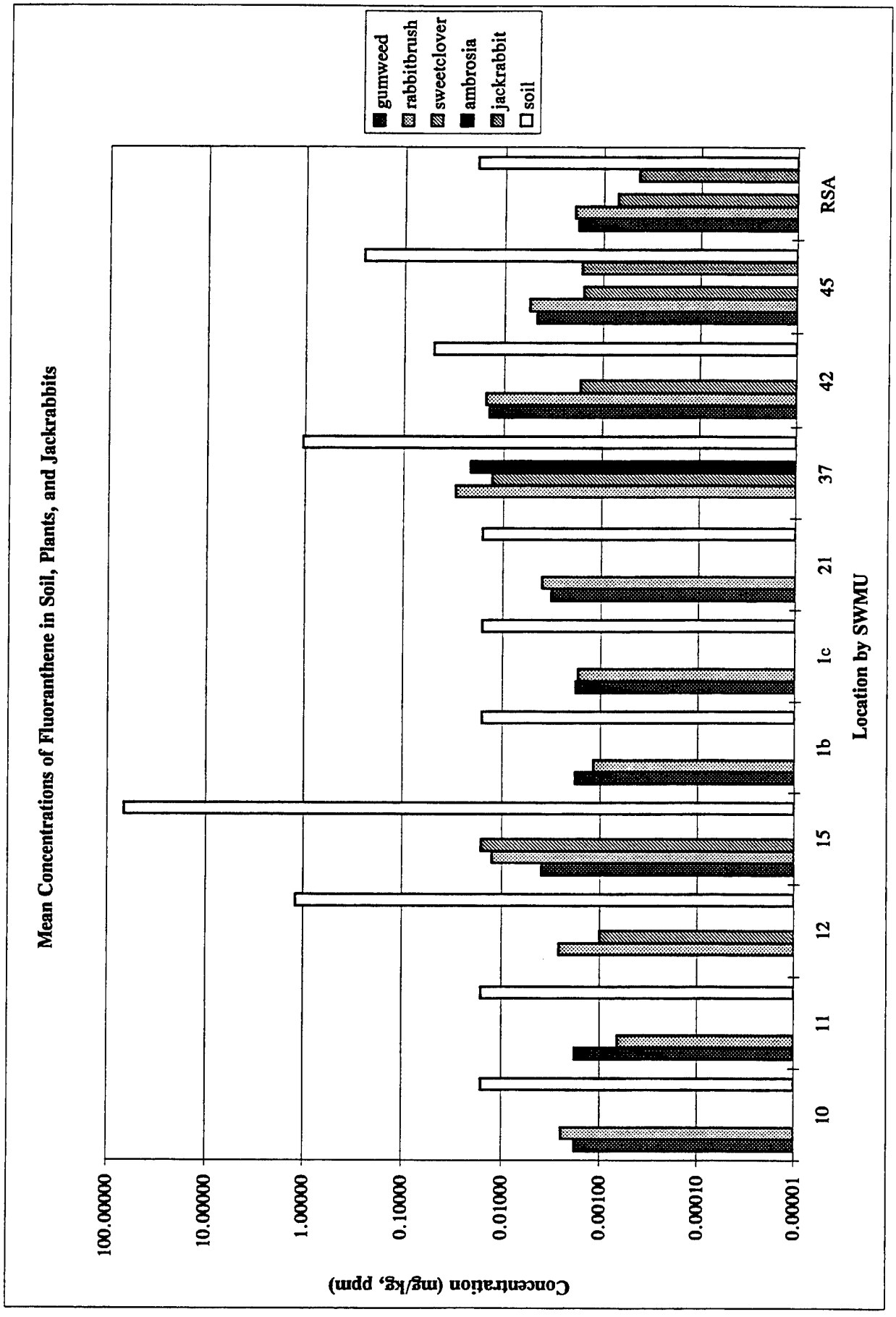
Mean Concentrations of Benzo(a)anthracene in Soil, Plants, Jackrabbits, and Invertebrates



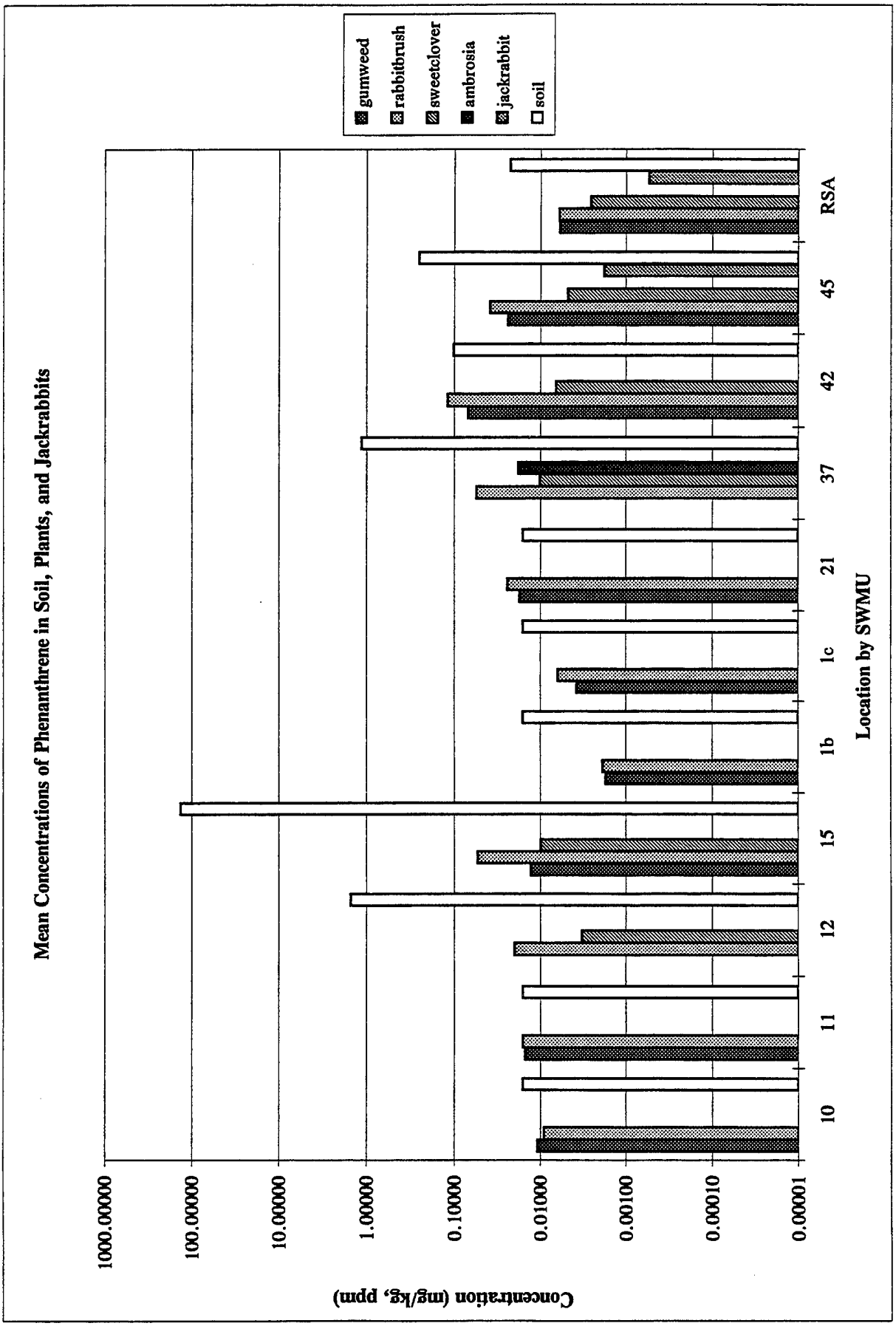
Mean Concentrations of Benzo(k)fluoranthene in Soil, Plants, Jackrabbits



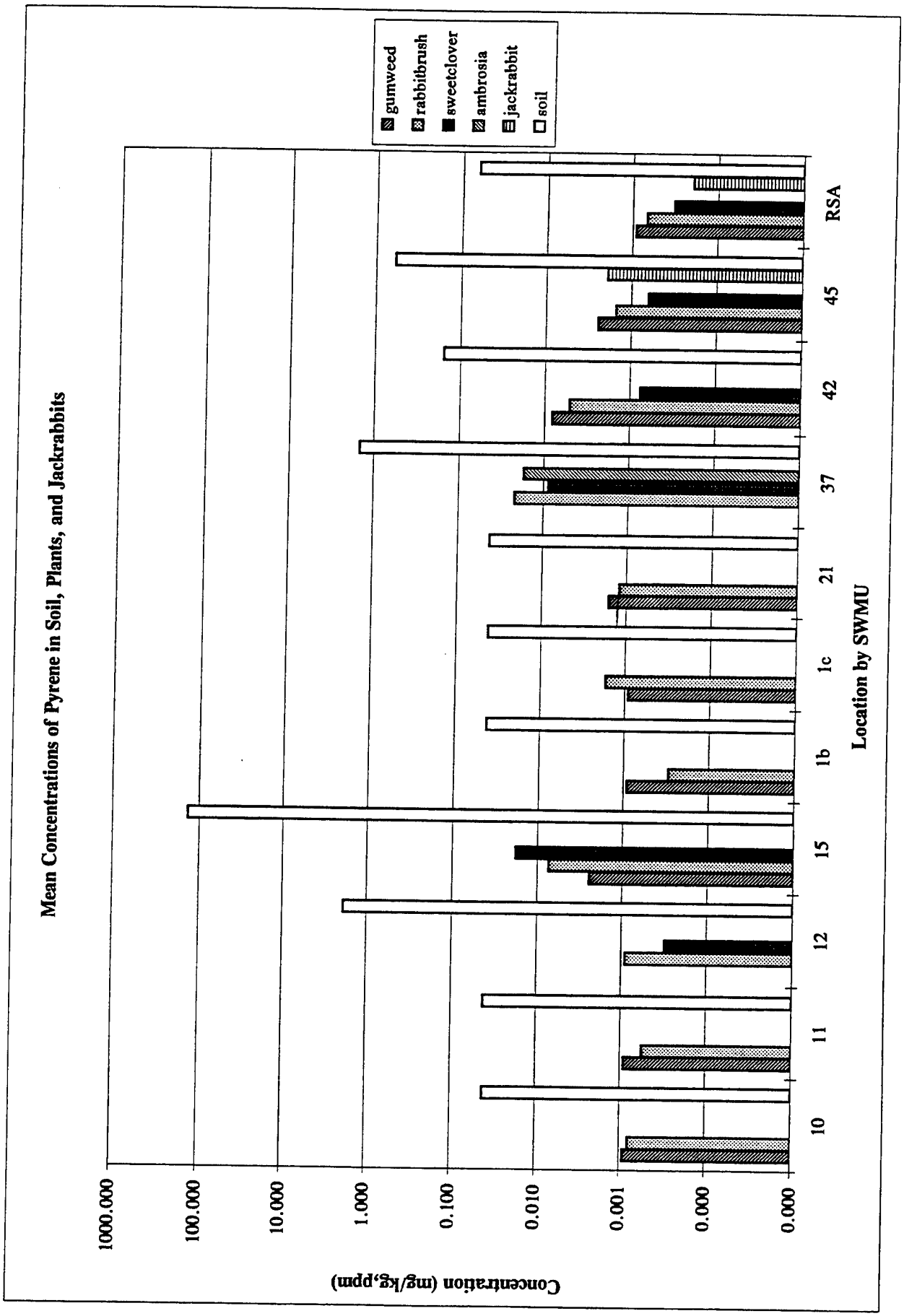
Mean Concentrations of Chrysene in Soil, Plants, Jackrabbits



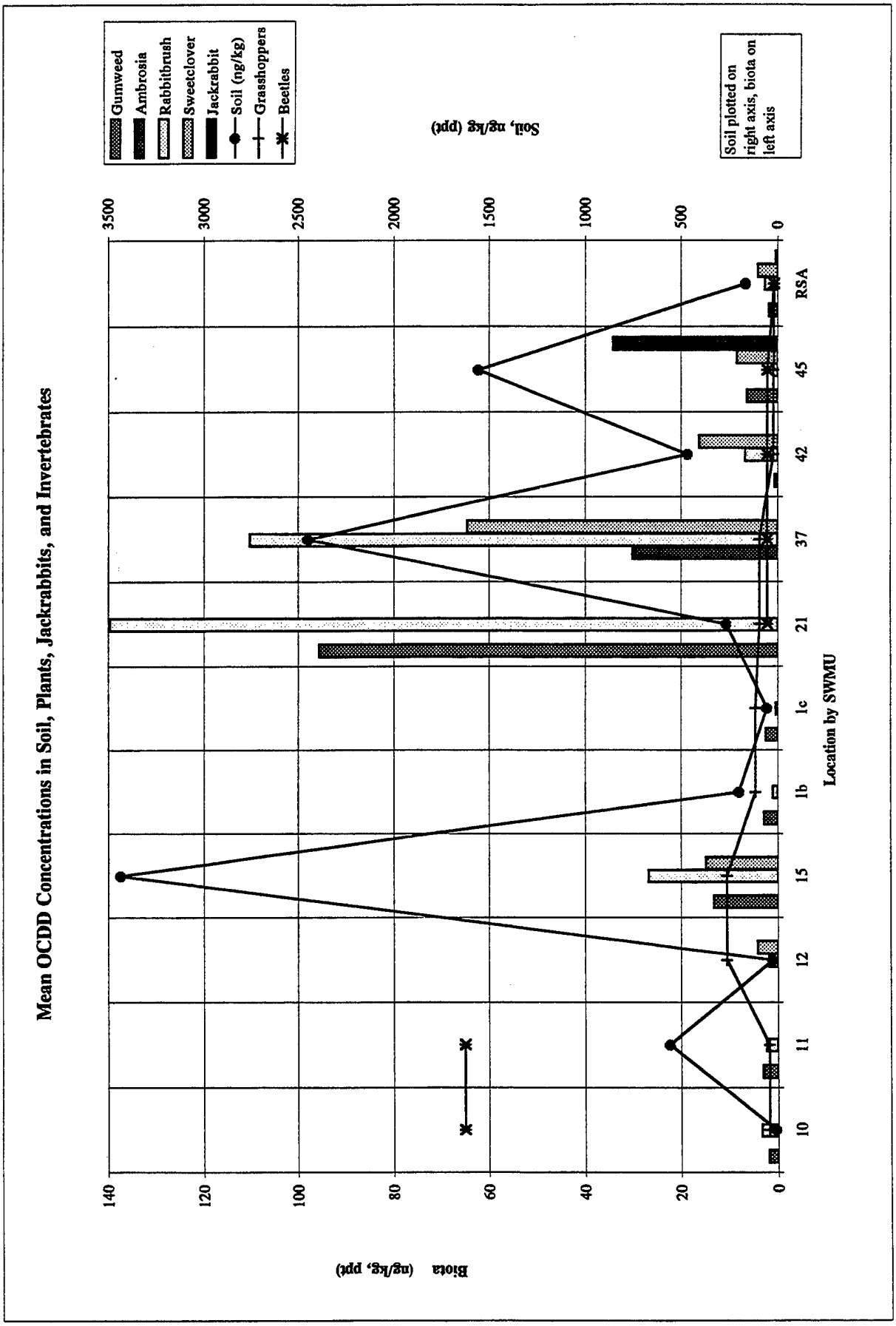
Mean Fluoranthene Concentrations in Soil, Plants, Jackrabbits



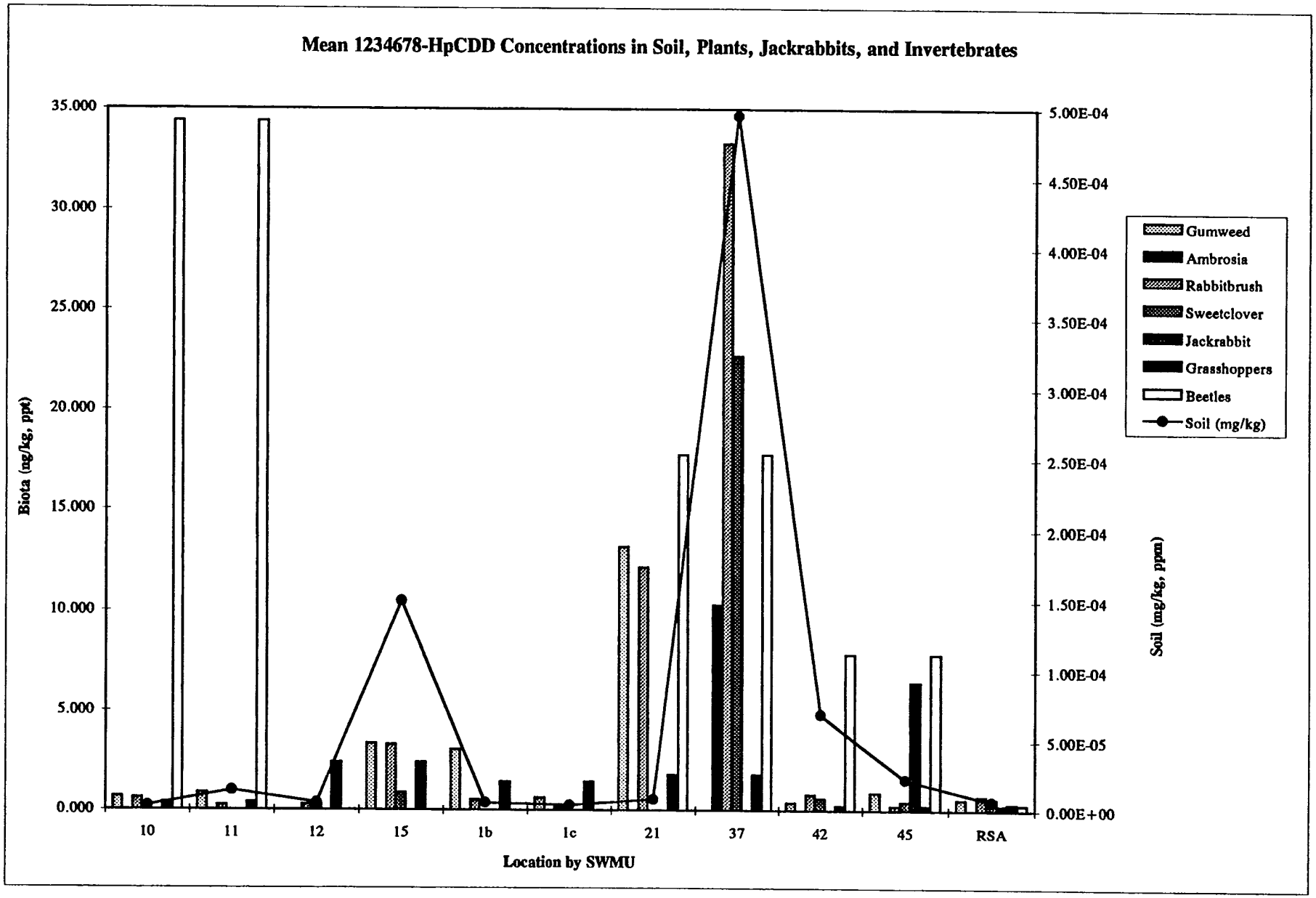
Mean Phenanthrene Concentrations in Soil, Plants, Jackrabbits



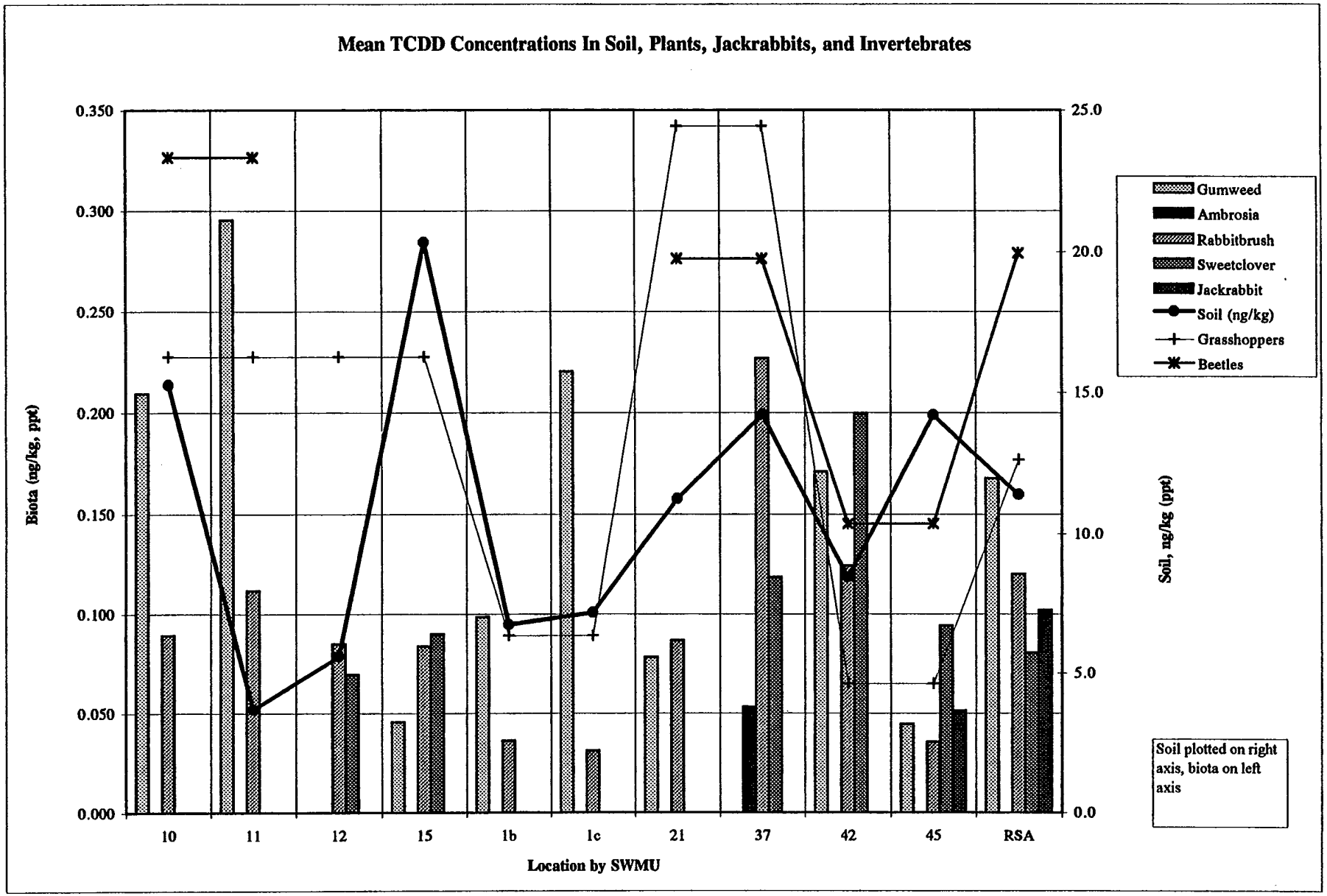
Mean Pyrene Concentrations in Soil, Plants, Jackrabbits



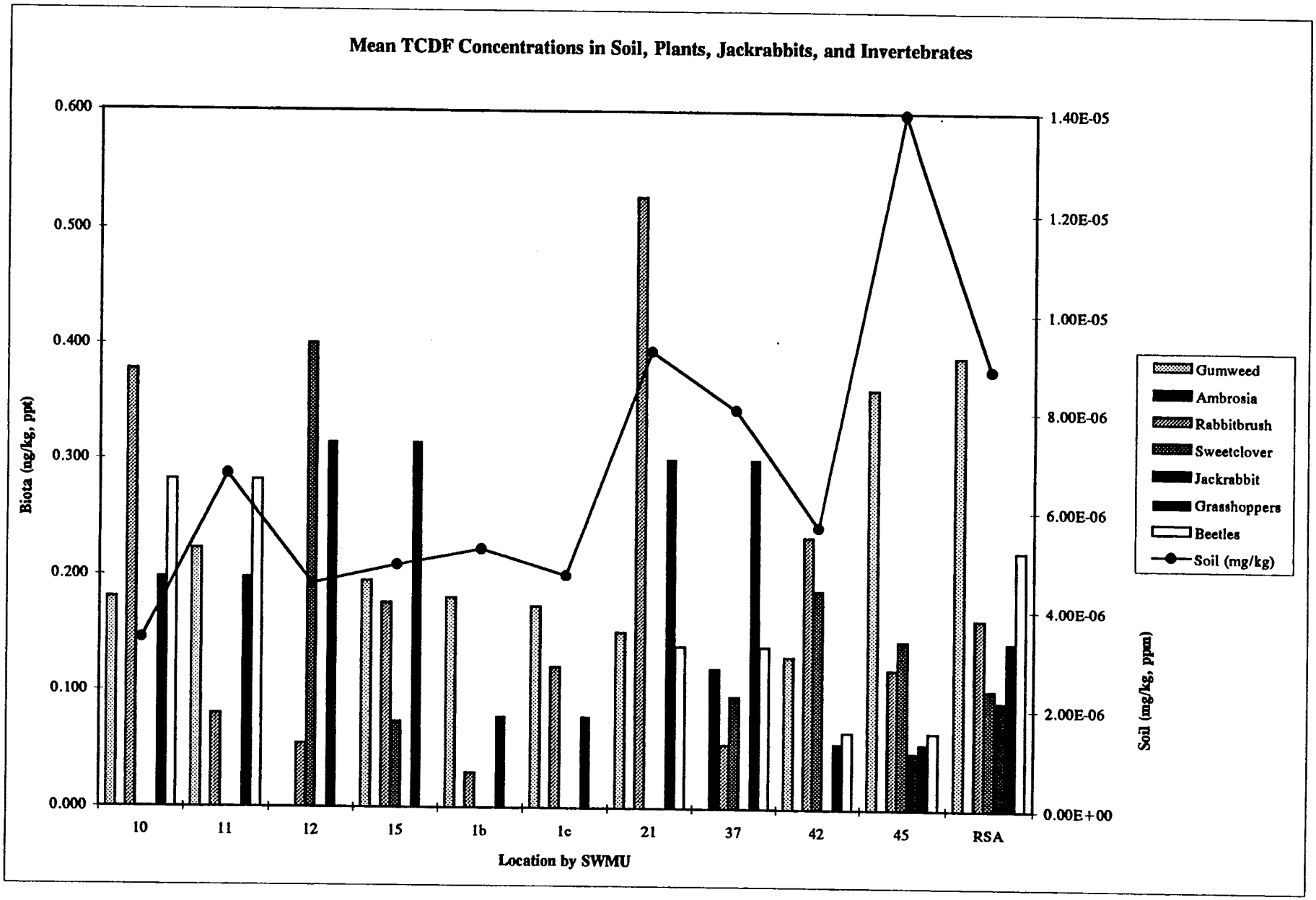
Mean OCDD Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



Mean 1234678-HpCDD Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



Mean TCDD Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



Mean TCDF Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

JUN 25 1993
SEC

ENDANGERED PLANT STUDIES, INC.
129 North 1000 East
Orem, Utah 84057
(801) 225-7085

23 June 1993

Mr. Robert L. Heard
Project Leader
RUST Environment & Infrastructure
743 Horizon Court, Suite 240
Grand Junction, Colorado 81506
(303) 244-1368

Dear Mr. Heard:

This letter report contains the results of the survey conducted by S. L. Welsh, accompanied by R. L. Heard, on Tooele Army Depot (TOD), Tooele County, Utah, on 21 June 1993. It is understood that RUST personnel are conducting an in depth investigation of the environment at eight sites on the TOD reservation. A part of that investigation involves a search for rare plant species, those that might be included under stipulations of the Endangered Species Act of 1973, as amended (ACT).

The environment contained within TOD boundaries is strongly influenced by the recessional terraces of Lake Bonneville, with each of the minor terraces made up of particles of differing size, i.e., gravel, sand, silt, and clay. There has been little natural reworking of the lacustrine sediments by stream activity, but the impact of activities at TOD have greatly altered much of the natural system of substrate directly, and the vegetative cover both directly and indirectly. Much of the area has been dug through, graded, filled, burned, trashed, driven over, and littered with trash and equipment. The areas discussed in the immediately previous sentence are those outside the storage and facilities portions of the depot. One site is located within a parking area, where grading to prevent fire hazards is a standard procedure.

Much of the modified land has been reseeded with crested wheatgrass, now the most common vegetative component at TOD. Stripes of native vegetation do occur here and there between highly modified sites.

My involvement in the RUST survey was to make a determination if any of the plants included under the ACT were present in the project areas. Specifically, my tasks were as follows:

1. A field reconnaissance of each site to identify and give locations for any rare and/or endangered plants. The field reconnaissance to be conducted by walking or driving survey.

2. Any rare/endangered plants discovered during the survey was to be described and documented, and any activity that might impact sensitive species was to be noted.

3. A written statement as to the presence of absence of rare, endangered , or sensitive plant species was to be provided to RUST within ten days following completion of the survey.

Methodology used was as described in the task list. Each of the sites was visited by automobile, and the sites were surveyed by walking through the area on extended transects, specifically fit to each situation to make certain that all habitat types were thoroughly investigated.

There are no permanent waters within the project sites, and away from the project sites the permanent water consists of the sewage treatment ponds, stock watering tanks, and associated very small ponds.

A composite list of both plant and animal species was made for all of the sites. The plants noted are listed as follows:

Shrubs & Trees

Gutierrezia sarothrae	Artemisia tridentata	Chrysothamnusnauseosus
Tetradymia glabrata	Tamarix chinensis	Juniperus osteosperma
Elaeagnus angustifolia	Rhus aromatica	Sambucus caerulea
Ulmus pumila	Opuntia polyacantha	Chrysothamnus viscidiflorus
Sarcobatus vermiculatus	Salix exigua	Kochia americana

Grasses & other monocots

Poa secunda	Poa bulbosa	Sporobolus cryptandrus
Stipa comata	Elymus hispidus	Bromus tectorum
Elymus smithii	Stipa hymenoides	Elymus elymoides
Aristida purpurea	Hordeum jubatum	Agropyron cristatum
Zigadenus paniculatus	Calochortus nuttallii	Allium acuminatum
Typha angustifolia		

Forbs

Mentzelia laevicaulis	Cirsium neomexicanum	Leucelene ericoides
Lupinus brevicaulis	Tragopogon dubius	Sphaeralcea coccinea
Sisymbrium officinale	Grindelia squarrosa	Lepidium perfoliatum
Ranunculus testiculatus	Lactuca scariola	Helianthus annuus
Erodium cicutarium	Salsola pestifer	Convolvulus arvensis
Oenothera pallida	Lygodesmia grandiflora	Psoralidium lanceolatum
Astragalus geyeri	Astragalus utahensis	Astragalus cibarius
Asclepias speciosa	Verbena bracteosa	Argemone munita
Cryptantha humilis	Erigeron engelmannii	Halogeton glomeratus
Leptodactylon pungens	Gilia leptomeria	Cardaria draba
Atriplex patula	Kochia scoparia	

Animals and sign observed

Pronghorn Antelope	California Blacktail Jackrabbit	Redtail Hawk
Cattle droppings throughout area		

The region outside the facilities areas are utilized by cattle each year. Cattle spend time resting and sleeping around the junipers along the south side of the TOD. Accumulations of manure indicate long and intensive use of some of the areas.

The results of the investigation were negative with regard to plant species protected under stipulations of the ACT. Thus, the project should not be impeded due to stipulations of the ACT.

With best regards, I am

Sincerely yours,

Stanley L. Welsh
President

ENDANGERED PLANT STUDIES, INC.
129 North 1000 East
Orem, Utah 84057
(801) 225-7085

ENVIRONMENT & INFRASTRUCTURE
SEP 19 1994

16 September 1994

R. Sanders
Division Manager
RUST Environment & Infrastructure
743 Horizon Court, Suite 240
Grand Junction, Colorado 81506
(303) 244–1368

Dear Mr. Sanders:

This letter report supplies information requested under your Purchase Order No. 52–94–1054, dated 15 August 1994, for Project No. 82470.180 at Tooele Army Depot.

I drove to the depot on 15 August 1994 and met with Joe Marino and several Rust employees working on ecological studies. Several sites were visited and species lists compiled. Those lists, appended to this letter, form the body of this report. The species are listed in order of occurrence, somewhat indicative of relative abundance. Those first on the list are often the most abundant, those farther down the list are relatively scarce.

The day was cool, only slightly windy, clear and sunny. Vegetation was examined following a long dry period, the 1994 summer season being reported as one of the driest on record. Thus, much of the material examined was dry and dead, with mainly long–lived perennials being in relatively good condition, some having evidently responded to some late summer rains.

If further information is required please contact me as soon as possible.

Sincerely yours,

Stanley L. Welsh

Stanley L. Welsh
President

Fax Information: 2 pages sent: SLW-EPS Fax (801) 378-3733, Phone (810) 378-2289; 225-7085. To: RUST Fax (801) 833-2925, Phone 833-2924.

Plant Lists by Site, Tooele Army Depot
15 September 1994
Stanley L. Welsh, Ph.D
Plant Taxonomist

Site #1305—Bomb washout building area.

Gutierrezia sarothrae
Chrysothamnus nauseosus
Aristida purpurascens
Sporobolus cryptandrus
Grindelia squarrosa
Bromus tectorum
Poa fendleriana
Opuntia polyacantha
Stipa comata
Poa secunda
Artemisia tridentata
Helianthus annuus
Mirabilis linearis
Stipa hymenoides
Elymus spicatus
Heterotheca villosa
Sphaeralcea coccinea
Oenothera caespitosa
Chrysothamnus viscidiflorus
Juniperus ostesperma
Delphinium nuttallianum
Cryptantha humilis
Elymus smithii
Agropyron cristatum
Verbena bracteata
Ambrosia acanthicarpa
Erodium cicutarum
Euphorbia sp.
Leptodactylon pungens

Site # 42—Discharge pond

Poa secunda
Poa bulbosa
Chrysothamnus nauseosus
Agropyron cristatum
Grindelia squarrosa
Melilotus officinalis
Conium maculatum
Xanthium strumarium
Poa pratensis
Verbena bracteata
Fraxinus pensylvanica
Typha domingensis
Echinochloa crus-galli
Elaeagnus angustifolia
Cynoglossum officinale
Amaranthus retroflexus
Helianthus annuus
Convolvulus arvense
Ulmus pumila
Aster chilensis
Elymus repens
Salsola tragus
Kochia scoparia
Nepeta cataria
Mentzelia laevicaulis
Astragalus utahensis

Site #1215—Landfill

Helianthus annuus
Salsola tragus
Polygonum aviculare
Ambrosia acanthocarpa
Erodium cicutarium
Sisymbrium altissimum
Atriplex rosea
Ranunculus testiculatus
Lactuca scariola

Site # 10–11—Washout Pond–TNT

Stipa comata
Bromus tectorum
Pediomelum lanceolatum
Juniperus osteosperma
Chrysothamnus nauseosus
Salsola tragus
Opuntia polyacantha
Chrysothamnus viscidiflorus
Stipa hymenoides

Site # ? Remote Reference Area, north end of Rush Valley, west of Rush Lake.

Sarcobatus vermiculatus
Artemisia tridentata
Bromus tectorum
Descurainia sophia
Sisymbrium altissimum
Poa bulbosa
Poa secunda
Lepidium perfoliatum
Elymus cinereus
Gutierrezia sarothrae
Opuntia polyacantha
Elymus smithii
Halogeton glomeratus
Kochia scoparia
Chrysothamnus nauseosus

Data Used to Develop Exposure Parameters for Passerine Birds

Species	Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Soil % in Diet
Marsh Wren	10.61	0.96		0.0516	
	9.41	0.67		0.0642	
	9.44	0.99		0.0685	
	10			0.169	
	10.9			0.126	
	8.8			0.137	
	9.2			0.07	
	10.6			0.09	
	11.9			0.006	
				0.0156	
				0.0085	
				0.0088	
				0.0113	
Robin	77.3	1.52	0.14	0.21	
	55	0.75		0.11	
	80.8	0.89		0.21	
	77.2			0.42	
	79.5			0.12	
	74.6				
	78.4				
	82.3				
	86.2				
	83.6				
	77.4				
	80.6				
Bobwhite			0.1		
			0.13		
Turkey					9.3
Woodcock					10.4
Chicken			0.064		
			0.074		
			0.068		
			0.084		
			0.078		
			0.084		
			0.092		
			0.105		
			0.087		
			0.092		
			0.101		
			0.113		
Flycatchers	9				
	13.7				
	11.6				
	12.9				
	12.7				
	13.1				
	13.1				
	13.7				
	10.8				
	10.3				
	10.1				
	12.5				
	10.4				
	11.3				
	10				
	11.4				
	12.2				
	7.9				
	9				

Summary Statistics	Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Soil % in Diet
Minimum	8	0.670	0.064	0.006	9.300
Maximum	189	1.520	0.140	0.420	10.400
Mean	35	0.963	0.094	0.105	9.850
SD	40	0.299	0.022	0.103	0.778
95th percentile	84	1.388	0.133	0.242	10.345

Data Used to Develop Exposure Parameters for Passerine Birds (continued)

Species	Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Soil % in Diet	Summary Statistics	Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Soil % in Diet
Corvids	189										
	166										
	458										
	438										
	1240										
	1158										

Notes.-Data sources for water ingestion rate (WIR) for birds = 1 measured robin, other measured chicken for 1-3 weeks of laying at avg. temp over a 24 hour period ranging from 40-70 degrees F. Two (2) measured bobwhite values. Chicken body weight for laying hens from Edens and Garlich, 1983. Used to convert to appropriate units from liter/day per 1000 birds.

Chicken data from Commercial Chicken Production Manual, 1984. M.O. North, AVI Publishing Co., Westport, CT, 3rd ed. p.270.

For birds, territory often provided in lieu of home range. This will be smaller and more conservative.

Occasionally, birds may leave territories to feed. Used both territory and home range values.

Soil percentage in diet from Beyer et al., 1994.

Marsh wren, robin body weights, USEPA 1993. Corvid, flycatcher body weights, CRC Handbook of Avian Body Mass.

Data Used to Develop Exposure Parameters for the Deer Mouse

Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Soil % in Diet	Species
14	0.185	0.126	0.0075	<2	white footed mouse
14	0.218	0.146	0.0137	2.4	meadow vole
14.8	0.114	0.192	0.0189		
15	0.092	0.34	0.0246		
15	0.176	0.19	0.0252		
15.2	0.133	0.16	0.0265		
15.7	0.12	0.10	0.0276		
16	0.161	0.08	0.0332		
16.1	0.146	0.08	0.039		
16.2	0.180	0.18	0.0421		
16.7	0.15	0.15	0.0446		
17	0.14	0.11	0.0514		
17	0.17	0.06	0.0515		
17	0.07		0.0534		
17.8	0.15		0.056		
18	0.34		0.0583		
18.9	0.19		0.0596		
18.9	0.45		0.061		
19	0.17		0.0611		
19	0.18		0.075		
19	0.38		0.094		
19.1	0.33		0.0998		
19.2	0.17		0.119		
19.5	0.21		0.123		
19.6	0.17		0.128		
20			0.24		
20			0.25		
20			0.54		
20.3			0.94		
20.4					
20.4					
20.8					
20.8					
21					
21					
21					
21.1					
21.9					
22					
22					
22.3					
23.2					
23.9					
24.2					
24.3					
24.4					
24.5					
24.6					
25					
25.2					
28.1					
29					
29					
29					
31.5					

Summary Statistics	Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Soil % in Diet
Minimum	14	0.07	0.06	0.0075	2
Maximum	32	0.45	0.34	0.94	2.4
Mean	21	0.19	0.15	0.116	2.2
SD	4	0.090	0.073	0.190	0.283
95th percentile	29	0.37	0.25	0.424	2.38

Notes.-Used all data for home range (USEPA 1993). All data for body wieght, juv-adult. All DIR and WIR data in USEPA, 1993.
Used mean body weight (BW) from Column A (BW) to get to intake rates (g/g bw/d) in Column B (Dietary Ingestion Rate (DIR)) or C (Water Ingestion Rate (WIR)) from measured value reported in g/d or cc/d as cited in USEPA, 1993. 1cc=1ml=1g

Data Used to Develop Exposure Parameters for the Mule Deer

Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)[a]	Water Ingestion Rate (L/kg bw/d)[b]	Home Range (acres) *	Soil % in Diet	Species
70000	0.036	0.07	400	2	white tail
200000	0.021	0.06		2	mule
25600		0.041		2	elk
27200				2	moose

Summary Statistics	Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (acres)*	Soil % in Diet
Minimum	25600	0.021	0.01	400	2
Maximum	200000	0.036	0.02	400	2
Mean	80700	0.028	0.02	400	2
SD	82149	0.011	0.016	0	0
95th percentile	180500	0.035	0.02	400	2

Note-Used data for deer on live-oak/alfalfa, sagebrush (Chew, 1965) and used body weight (BW) range from Fitzgerald et al., 1994 as representing widest range for BW.

Used BW for deer on sagebrush (25600) to obtain water intake rate from measured data of 1.04 L/d.

Other water ingestion rates (WIR) from USEPA, 1993 allometric equations; dietary ingestion rate (DIR) from allometric equations (USEPA 1993).

DIR from allometric equations (USEPA 1993)

Soil in diet from Beyer et al., 1994.

[a]DIR (g/g bw/d)=0.577WT^0.727 (g) eq. for herbivores

[b]WIR (L/kg/d) = 0.099WT^0.9 (kg) divide by bw in kg to normalize.

Source: USEPA, 1993; Chew, 1965; Fitzgerald et al., 1994

*Only value obtained through personal communications with J.Merino

Data Used to Develop Exposure Parameters for Raptors

Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Species
4123	0.092	0.0373	3494	Bald & Golden Eagle
5244	0.075	0.0341	1830	
4300	0.065		1880	
5089	0.120			
4014	0.1			
4500	0.091			
4600	0.12			
5172	0.14			
1224	0.11	0.055	160	Red-tailed hawk
1028	0.1	0.059	697	
1154	0.086		1770	
957				
1235				
1204				
1149				
962				
115	0.29	0.11	31.6	American kestrel
132		0.12	13.1	
103			154	
114			202	
124			131	
127				
138				
108				
111				
119				

Summary Statistics	Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)[a]	Home Range (ha)
Bald Eagle				
Minimum	4014	0.065	0.01	1830
Maximum	5244	0.140	0.01	3494
Mean	4630	0.100	0.01	2401
SD	485	0.025	0.002	946.6
95th percentile	5219	0.133	0.01	3333
Golden Eagle				
Minimum				
Maximum		Use Bald Eagle		
Mean				
SD				
95th percentile				
American Kestrel				
Minimum	103	0.29	0.11	13.1
Maximum	138	0.29	0.12	202
Mean	119	0.29	0.12	106.3
SD	11	NA	0.007	81.1
95th percentile	135	0.29	0.12	192.4

Note.-No soil ingestion values; use red fox since similar feeding guilds.

[a]WIR (L/d) = [0.059 WT^(0.67)]/kg; water ingestion rate (WIR) for all birds, USEPA, 1993 eq 3-15, 3-16; use min/max body weight in allometric eq.

Source: USEPA, 1993; Johnsgard, 1990

Data Used to Develop Exposure Parameters for the Kit Fox

Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)[a]	Home Range (ha)[b]	Soil % in Diet
2100	0.16	0.10	512	2.8
2100	0.12	0.09	717	
1500	0.110		96	
1400	0.075		78	
	0.14		167	
	0.069		1611	
			1967	
			1137	
			1990	
			699	
			1190	
			72.5	
			900	

Summary Statistics	Body Weight (g)	Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Soil % in Diet
Minimum	1400	0.07	0.03	72.5	2.8
Maximum	2100	0.16	0.03	1990.0	2.8
Mean	1775	0.11	0.03	856.7	2.8
SD	377	0.04	0.003	690.2	NA
95th percentile	2100	0.16	0.03	1976.2	2.8

Notes.-Dietary Ingestion Rate (DIR) and home range (HR) based on data for red fox (USEPA 1993); body weight (BW) based on data for kit.

Divide water ingestion rate (WIR) by 3 since KF don't utilize free water (O'Neal et al. 1987).

Body weights and ecological (natural history) data from O'Neal et al, 1987; Egoscue, 1956; Fitzgerald et al., 1994

[a]WIR (L/kg/d) = 0.099WT^0.9 (kg) divide by bw in kg to normalize.

[b]HR for farmland, mixed, marsh, forest, prairie, shrubs, and savannah. Did not use ones where habitat not stated since many studies cited in USEPA, 1993.

Data Used to Develop Exposure Parameters for the Jackrabbit

Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (acres)*	Soil % in Diet	Species
1134	0.1	0.097	103	2	white tail
1244	0.001			2	mule
1176	0.006896552			2	elk
1286	0.001333333			2	moose
1197	0.06372				
1255	0.085				
1229					
1313					
1132					
1231					
1300					
3200					

Summary Statistics	Body Weight (g)	Dietary Ingestion Rate (kg/kg	Water Ingestion Rate (L/kg	Home Range (acres)	Soil % in Diet
Minimum	1132	0.001	0.097	103	2.000
Maximum	3200	0.1	0.097	103	2.000
Mean	1391	0.04	0.097	103	2.000
SD	573	0.05	NA	0	0.00
95th percentile	2162	0.10	0.097	103	2.000

Notes-.74 jackrabbits eat as much as 1 cow (=0.05/74)=0.001 (Fitzgerald et al., 1994).

Jackrabbit eats 0.54 lb/day/unit of body weight (BW), with a midpoint range BW from same source (Fitzgerald et al., 1994) = 0.1 kg/kg/d.

5.8 to 30 jackrabbits eat as much as 1 sheep (=0.04/5.8 or 30) = 0.006897 and 0.001333 kg/kg bw/d (Fitzgerald et al., 1994).

Also used allometric equation for herbivores from USEPA 1993 to estimate dietary ingestion rate (DIR).

Water ingestion rate (WIR) is measured.

DIR (g/g bw/d)=0.577WT^0.727 (g) eq. for herbivores

*Only value obtained through personal communication with J.Merino

Data Used to Develop Exposure Parameters for Water Birds (USEPA, 1993)

Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Soil Ingestion Rate (kg/kg bw/d)	Species
47.1	0.12	0.16	0.25		Spotted sandpiper
37.9	0.11	0.17			
40	0.17				
50	0.16				
				17	Stilt sandpiper
				30	Semipalmated sanpiper
				7.3	Least sandpiper
				18	Western sandpiper
1225	0.13	0.058	468	<2	Mallard
1043	0.05	0.055	111		Mallard
1237	0.13		540		Mallard
1088	0.06		620		Mallard
265	0.10				Mallard
401	0.05				Mallard
740					Mallard
215					Mallard
460					Mallard
817					Mallard
115					Mallard
92					Mallard
	0.02				Lesser scaup
	0.05				Lesser scaup
					Mallard (adult)
					Mallard (adult)
				<2	Ring-necked duck
				<2	Blue-winged teal
				11	Wood duck
				8.2	Canada goose

Summary Statistics	Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Soil Ingestion (kg/kg bw/d)
Mallard Duck					
Minimum	92	0.02	0.055	111.000	2.0
Maximum	1237	0.13	0.058	620.000	11.0
Mean	642	0.07	0.057	434.750	9.6
SD	436	0.04	0.002	224.585	2.0
95th percentile	1230	0.13	0.058	608.000	10.9
Spotted Sandpiper					
Minimum	38	0.11	0.160	0.250	7.3
Maximum	50	0.17	0.170	0.250	30.0
Mean	44	0.14	0.165	0.250	18.1
SD	6	0.03	0.007	NA	9.3
95th percentile	50	0.17	0.170	0.250	28.2

DIR (g/gbw/d)=[0.301 WT^0.751]/BW (g)	nonpasserine	USEPA, 1993
DIR (g/gbw/d)=[0.495 WT^0.704]/BW (g)	seabirds	USEPA, 1993
DIR (g/gbw/d)=[0.648 WT^0.651]/BW (g)	all birds	USEPA, 1993

use min/max body weight in allometric eq.

Sources:

USEPA, 1993. Wildlife Exposure Factors Handbook.

Beyer et al., 1994. Soil Ingestion by Wildlife. J. Wildl. Man. 58:375-382

Scaup on a dry weight basis; assume food is 70% water, 30% dry for conversion

Comparison of Hazard Indices (HIs) With and Without Area Use Factors (AUFs)

SWMU/ RSA	Size- Acres	Passerine				American Kestrel				Great Horned Owl				Golden Eagle			
		hr[a]	auf[b]	HI w/auf	HI w/o auf	hr	auf	HI w/auf	HI w/o auf	hr	auf	HI w/auf	HI w/o auf	hr	auf	HI w/auf	HI w/o auf
		0.60				475				8235				8235			
ESA-1	82		1.00E+00	202	202		1.73E-01	2	11		1.00E-02	0	0		1.00E-02	0	0
ESA-2	182.65		1.00E+00	274	274		3.84E-01	14	36		2.22E-02	1	45		2.22E-02	1	45
RSA	6400		1.00E+00	125	125		1.00E+00	13	13		7.77E-01	4	5		7.77E-01	8	10

[a]hr = home range - represents 95th percentile value except for mule deer and jackrabbit.

[b]auf = area use factor.

Comparison of Hazard Indices (HIs) With and Without Area Use Factors (AUFs)

SWMU/ RSA	Size- Acres	Bald Eagle				Deer Mouse				Mule Deer				Jackrabbit				Kit Fox			
		hr	auf	HI w/auf	HI w/o auf	hr	auf	HI w/auf	HI w/o auf	hr	auf	HI w/auf	HI w/o auf	hr	auf	HI w/auf	HI w/o auf	hr	auf	HI w/auf	HI w/o auf
		8235				1.05				400				103				4883			
ESA-1	82		1.00E-02	0	0		1.00E+00	90	90		2.05E-01	3	15		7.96E-01	36	45		1.68E-02	2	119
ESA-2	182.65		2.22E-02	1	45		1.00E+00	310	310		4.57E-01	32	70		1.00E+00	196	196		3.74E-02	19	508
RSA	6400		7.77E-01	8	10		1.00E+00	90	90		1.00E+00	13	13		1.00E+00	35	35		1.00E+00	95	95

[a]hr = home range - represents 95th percentile value except for mule deer and jackrabbit.

[b]auf = area use factor.

MONTE CARLO ANALYSIS

Data for Monte Carlo Analysis Describing the Uncertainty Due to Dietary Preferences in Passerine Birds

Body Weight (g)	Species	Dietary Ingestion Rate (kg/kg bw/d)	Soil Fraction in Diet		Analyte	Soil	Plants	Invertebrates	Jackrabbits	Location
7.17		0.11	0.131		Cadmium	2.36	0.31	0.33	0.07	SWMU 42/45
					Lead	437.49	2.91	0.90	31.87	SWMU 42/45
					DDE	0.8079	1.23E-02	9.86E-03	4.01E-04	SWMU 42/45
					RDX	0.6696	0.07	0.007	3.87E-08	SWMU 42/45
					OCDD	0.0857	4.73E-05	1.9E-07	4.20E-05	SWMU 42/45
10.61	Marsh wren	0.28	30.4	Woodcock	This file was created for TEAD SWERA 7/22/97			All units were converted to mg/kg		
9.41	Marsh wren	0.28	9.3	Turkey						
9.44	Marsh wren	0.28								
10	Marsh wren	0.28								
10.9	Marsh wren	0.28								
8.8	Marsh wren	0.29								
9.2	Marsh wren	0.29								
10.6	Marsh wren	0.28								
11.9	Marsh wren	0.27								
77.3	Robin	0.21								
55	Robin	0.22								
80.8	Robin	0.21								
77.2	Robin	0.21								
79.5	Robin	0.21								
74.6	Robin	0.21								
78.4	Robin	0.21								
82.3	Robin	0.21								
86.2	Robin	0.20								
83.6	Robin	0.20								
77.4	Robin	0.21								
80.6	Robin	0.21								
9	Empidonax sp.	0.29								
13.7	Empidonax sp.	0.27								
11.6	Empidonax sp.	0.28								
12.9	Empidonax sp.	0.27								
12.7	Empidonax sp.	0.27								
13.1	Empidonax sp.	0.27								
13.1	Empidonax sp.	0.27								
13.7	Empidonax sp.	0.27								
10.8	Empidonax sp.	0.28								
10.3	Empidonax sp.	0.28								
10.1	Empidonax sp.	0.28								
12.5	Empidonax sp.	0.27								
10.4	Empidonax sp.	0.28								
11.3	Empidonax sp.	0.28								
10	Empidonax sp.	0.28								
11.4	Empidonax sp.	0.28								
12.2	Empidonax sp.	0.27								
7.9	Empidonax sp.	0.29								
9	Empidonax sp.	0.29								
189	magpie	0.18								
166	magpie	0.18								
458	crow	0.16								
436	crow	0.16								
1240	raven	0.14								
1158	raven	0.14								
36.5	Tyrannus sp.	0.23								
38.6	Tyrannus sp.	0.23								
45	Tyrannus sp.	0.22								
45.6	Tyrannus sp.	0.22								
56	Tyrannus sp.	0.22								
39.6	Tyrannus sp.	0.23								
43.2	Tyrannus sp.	0.23								
28.6	Tyrannus sp.	0.24								
43.6	Tyrannus sp.	0.23								
43.8	Tyrannus sp.	0.23								
44.1	Tyrannus sp.	0.23								
27.1	Tyrannus sp.	0.24								
27.2	Tyrannus sp.	0.24								
21	Zonotrichia sp.	0.25								
20	Zonotrichia sp.	0.25								
38.8	Zonotrichia sp.	0.23								
33.7	Zonotrichia sp.	0.23								
29.4	Zonotrichia sp.	0.24								
25.5	Zonotrichia sp.	0.24								
32	Zonotrichia sp.	0.24								
25.3	Zonotrichia sp.	0.25								
28.4	Zonotrichia sp.	0.24								
25.9	Zonotrichia sp.	0.24								
29.8	Zonotrichia sp.	0.24								
		0.96	Marsh wren							
		0.67	Marsh wren							
		0.99	Marsh wren							
		1.52	Robin							
		0.75	Robin							
		0.89	Robin							
	count	76								

Forecast Cells

Intakes for Bird Species with Different Dietary Preferences

	Herbivore	Omnivore	Insectivore	Carnivore
Cadmium	0.066	0.058	0.068	0.042
Lead	6.760	7.644	6.562	9.608
DDE	0.001	0.001	0.001	0.0002
RDX	0.017	0.013	0.011	0.010
OCDD	8.92E-05	8.75E-05	8.46E-05	8.87E-05

Biota Analytical Data Used in Monte Carlo Simulation for Lead in Diet-Passerine Birds

Eco Val	Detect	Site Identification	SWMU	SDG	TYPE	Matrix	Analyte
50.3	1	EJ1-94-01	45	RUST02	SAMPLE	Jackrabbit	Pb
1.8	1	EJ1-94-02	45	RUST02	SAMPLE	Jackrabbit	Pb
104	1	EJ1-94-03	45	RUST02	SAMPLE	Jackrabbit	Pb
76.1	1	EJ1-94-04	45	RUST02	SAMPLE	Jackrabbit	Pb
65.9	1	EJ1-94-05	45	RUST02	SAMPLE	Jackrabbit	Pb
2	1	EJ1-94-06	45	RUST02	SAMPLE	Jackrabbit	Pb
1.8	1	EJ1-94-07	45	RUST02	SAMPLE	Jackrabbit	Pb
72.5	1	EJ1-94-08	45	RUST02	SAMPLE	Jackrabbit	Pb
19.5	1	EJ1-94-09	45	RUST02	SAMPLE	Jackrabbit	Pb
17.2	1	EJ2-94-01	45	RUST02	SAMPLE	Jackrabbit	Pb
2.5	1	EJ2-94-02	45	RUST02	SAMPLE	Jackrabbit	Pb
30.7	1	EJ2-94-03	45	RUST02	SAMPLE	Jackrabbit	Pb
23.8	1	EJ2-94-04	45	RUST02	SAMPLE	Jackrabbit	Pb
405	1	EJ2-94-05	45	RUST02	SAMPLE	Jackrabbit	Pb
265	1	EJ2-94-06	45	RUST02	SAMPLE	Jackrabbit	Pb
6.1	1	EB1-94-01	42	RUST03	SAMPLE	Rabbitbrush	Pb
21.1	1	EB1-94-02	42	RUST03	SAMPLE	Rabbitbrush	Pb
15.6	1	EB1-94-03	42	RUST03	SAMPLE	Rabbitbrush	Pb
30.5	1	EB1-94-04	42	RUST04	SAMPLE	Rabbitbrush	Pb
4.8	1	EB1-94-05	42	RUST04	SAMPLE	Rabbitbrush	Pb
6.8	1	EB1-94-06	42	RUST04	SAMPLE	Rabbitbrush	Pb
14.8	1	EB1-94-07	42	RUST04	SAMPLE	Rabbitbrush	Pb
6.8	1	EB1-94-08	42	RUST04	SAMPLE	Rabbitbrush	Pb
47.8	1	EB1-94-09	42	RUST04	SAMPLE	Rabbitbrush	Pb
1.8	1	EB2-94-02	45	RUST04	SAMPLE	Rabbitbrush	Pb
0.86	1	EB2-94-03	45	RUST05	SAMPLE	Rabbitbrush	Pb
1.2	1	EB2-94-04	45	RUST05	SAMPLE	Rabbitbrush	Pb
0.88	1	EB2-94-05	45	RUST05	SAMPLE	Rabbitbrush	Pb
1.2	1	EB2-94-06	45	RUST05	SAMPLE	Rabbitbrush	Pb
3.8	1	EC1-94-01	42	RUST06	SAMPLE	Sweetclover	Pb
11.6	1	EC1-94-02	42	RUST06	SAMPLE	Sweetclover	Pb
13.1	1	EC1-94-03	42	RUST06	SAMPLE	Sweetclover	Pb
30.1	1	EC1-94-04	42	RUST06	SAMPLE	Sweetclover	Pb
3.6	1	EC1-94-05	42	RUST06	SAMPLE	Sweetclover	Pb
11.6	1	EC1-94-06	42	RUST06	SAMPLE	Sweetclover	Pb
71.4	1	EC1-94-09	42	RUST06	SAMPLE	Sweetclover	Pb
20.2	1	EC1-94-08	42	RUST07	SAMPLE	Sweetclover	Pb
0.87	1	EC2-94-03	45	RUST06	SAMPLE	Sweetclover	Pb
1	1	EC2-94-05	45	RUST06	SAMPLE	Sweetclover	Pb
0.64	1	EC2-94-06	45	RUST06	SAMPLE	Sweetclover	Pb
31.2	1	EM1-94-07	42	RUST08	SAMPLE	Gumweed	Pb
1.9	1	EM2-94-01	45	RUST08	SAMPLE	Gumweed	Pb
2.4	1	EM2-94-02	45	RUST08	SAMPLE	Gumweed	Pb
2.2	1	EM2-94-04	45	RUST08	SAMPLE	Gumweed	Pb
3.9						Beetle	Pb
2.5						Beetle	Pb
0.38						Grasshopper	Pb
0.36						Grasshopper	Pb
0.57						Grasshopper	Pb

Biota Analytical Data Used in Monte Carlo Simulation for RDX in Diet-Passerine Birds

ECOVAL	Site Identification	SDG	SWMU	Type	Matrix	Analyte	Concentration	Qualifier	E_QUAL	Units
7	EB1-94-01	RUST03	42	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
7	EB1-94-02	RUST03	42	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
6.5	EB1-94-03	RUST03	42	SAMPLE	Rabbitbrush	RDX	13000.00	U	UJ	UG/KG
7	EB1-94-04	RUST04	42	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
7	EB1-94-05	RUST04	42	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
7	EB1-94-06	RUST04	42	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
7	EB1-94-07	RUST04	42	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
7	EB1-94-08	RUST04	42	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
7	EB1-94-09	RUST04	42	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
0.2	EC1-94-01	RUST06	42	SAMPLE	Sweetclover	RDX	400.00	U	UJ	UG/KG
0.205	EC1-94-02	RUST06	42	SAMPLE	Sweetclover	RDX	410.00	U		UG/KG
0.205	EC1-94-03	RUST06	42	SAMPLE	Sweetclover	RDX	410.00	U		UG/KG
0.205	EC1-94-04	RUST06	42	SAMPLE	Sweetclover	RDX	410.00	U	UJ	UG/KG
0.2	EC1-94-05	RUST06	42	SAMPLE	Sweetclover	RDX	400.00	U		UG/KG
0.195	EC1-94-06	RUST06	42	SAMPLE	Sweetclover	RDX	390.00	U		UG/KG
0.2	EC1-94-09	RUST06	42	SAMPLE	Sweetclover	RDX	400.00	U		UG/KG
0.205	EC1-94-08	RUST07	42	SAMPLE	Sweetclover	RDX	410.00	U		UG/KG
3.6	EM1-94-07	RUST08	42	SAMPLE	Gumweed	RDX	7200.00	U		UG/KG
7	EB2-94-02	RUST04	45	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
6	EB2-94-03	RUST05	45	SAMPLE	Rabbitbrush	RDX	12000.00	U	UJ	UG/KG
6.5	EB2-94-04	RUST05	45	SAMPLE	Rabbitbrush	RDX	13000.00	U	UJ	UG/KG
6.5	EB2-94-05	RUST05	45	SAMPLE	Rabbitbrush	RDX	13000.00	U	UJ	UG/KG
7	EB2-94-06	RUST05	45	SAMPLE	Rabbitbrush	RDX	14000	U	UJ	UG/KG
5.9	EC2-94-03	RUST06	45	SAMPLE	Sweetclover	RDX	5900			UG/KG
0.2	EC2-94-05	RUST06	45	SAMPLE	Sweetclover	RDX	400	U		UG/KG
3.8	EC2-94-06	RUST06	45	SAMPLE	Sweetclover	RDX	3800			UG/KG
3.95	EM2-94-01	RUST08	45	SAMPLE	Gumweed	RDX	7900	U		UG/KG
3.95	EM2-94-02	RUST08	45	SAMPLE	Gumweed	RDX	7900	U		UG/KG
3.95	EM2-94-04	RUST08	45	SAMPLE	Gumweed	RDX	7900	U		UG/KG

Biota Analytical Data Used in Monte Carlo Simulation for OCDD in Diet-Passerine Birds

Eco Val	Detect	SWMU	Matrix	Analyte	Concentration	Qualifier	MDL	Units
0.000000534		42/45	Beetle	OCDD	23.7467	B	1.068	NG/KG
4.07995E-07		42/45	Grasshopper	OCDD	2.4368	B	0.81599	NG/KG
0.0000011		42/45	Grasshopper	OCDD	2.2	UB	2.2	NG/KG
0.000001		42/45	Grasshopper	OCDD	2	UB	2	NG/KG
0.000000537		42	Gumweed	OCDD	1.074	U	1.074	ng/kg
9.2898E-06	1	42	Rabbitbrush	OCDD	9.2898	B	0.00000	ng/kg
5.7865E-06	1	42	Rabbitbrush	OCDD	5.7865	B	0.00000	ng/kg
5.9529E-06	1	42	Rabbitbrush	OCDD	5.9529		0.00000	ng/kg
1.31364E-05	1	42	Rabbitbrush	OCDD	13.1364		0	ng/kg
5.3716E-06	1	42	Rabbitbrush	OCDD	5.3716		0	ng/kg
0.000000772		42	Rabbitbrush	OCDD	1.544	U	1.544	ng/kg
9.5244E-06	1	42	Rabbitbrush	OCDD	9.5244		0	ng/kg
4.8308E-06	1	42	Rabbitbrush	OCDD	4.8308		0	ng/kg
6.4301E-06	1	42	Rabbitbrush	OCDD	6.4301		0	ng/kg
0.000000766		42	Sweetclover	OCDD	1.532	UB	1.532	ng/kg
0.000001845	1	42	Sweetclover	OCDD	1.845	B	0	ng/kg
2.3095E-06	1	42	Sweetclover	OCDD	2.3095	B	0	ng/kg
1.8707E-06	1	42	Sweetclover	OCDD	1.8707	B	0	ng/kg
1.6095E-06	1	42	Sweetclover	OCDD	1.6095	B	0	ng/kg
2.1656E-06	1	42	Sweetclover	OCDD	2.1656	B	0	ng/kg
0.000117294	1	42	Sweetclover	OCDD	117.2936		0	ng/kg
1.97265E-06		42	Sweetclover	OCDD	3.9453	B	0	ng/kg
0.000003911	1	45	Gumweed	OCDD	3.911		0	ng/kg
4.6252E-06	1	45	Gumweed	OCDD	4.6252		0	ng/kg
1.05766E-05	1	45	Gumweed	OCDD	10.5766		0	ng/kg
1.9859E-06	1	45	Rabbitbrush	OCDD	1.9859		0	ng/kg
1.07675E-06		45	Rabbitbrush	OCDD	2.1535	B	0	ng/kg
6.676E-07		45	Rabbitbrush	OCDD	1.3352	B	0	ng/kg
3.355E-07		45	Rabbitbrush	OCDD	0.671	U	0.671	ng/kg
0.00000035		45	Rabbitbrush	OCDD	0.7	UB	0.7	ng/kg
2.02687E-05	1	45	Sweetclover	OCDD	20.2687	B	0	ng/kg
1.0995E-06		45	Sweetclover	OCDD	2.199	UB	2.199	ng/kg
4.0811E-06	1	45	Sweetclover	OCDD	4.0811	B	0	ng/kg
4.4756E-06	1	45	Jackrabbit	OCDD	4.4756		0.00000	ng/kg
5.6626E-06	1	45	Jackrabbit	OCDD	5.6626		0.00000	ng/kg
1.5333E-06	1	45	Jackrabbit	OCDD	1.5333		0.00000	ng/kg
6.15345E-05	1	45	Jackrabbit	OCDD	61.5345		0.00000	ng/kg
0.000150278	1	45	Jackrabbit	OCDD	150.278		0.00000	ng/kg
3.2721E-06	1	45	Jackrabbit	OCDD	3.2721		0.00000	ng/kg
5.3438E-06	1	45	Jackrabbit	OCDD	5.3438		0.00000	ng/kg
2.7193E-06	1	45	Jackrabbit	OCDD	2.7193		0.00000	ng/kg
0.000003829	1	45	Jackrabbit	OCDD	3.829		0.00000	ng/kg
0.000191276	1	45	Jackrabbit	OCDD	191.276		0.00000	ng/kg
3.18276E-05	1	45	Jackrabbit	OCDD	31.8276		0.00000	ng/kg
1.31298E-05	1	45	Jackrabbit	OCDD	13.1298		0.00000	ng/kg
1.44233E-05	1	45	Jackrabbit	OCDD	14.4233		0.00000	ng/kg
2.4013E-06	1	45	Jackrabbit	OCDD	2.4013		0.00000	ng/kg
2.09506E-05	1	45	Jackrabbit	OCDD	20.9506		0.00000	ng/kg

Biota Analytical Data Used in Monte Carlo Simulation for PPDDE in Diet-Passerine Birds

Eco Val	Detect	Site Identification	SWMU	Matrix	Analyte	Concentration	Qualifier	MDL	Units
0.02	1	EL1-95-01C	42/45	Beetle	PPDDE	20		0.86	ug/kg
0.043	1	EL1-95-02C	42/45	Beetle	PPDDE	43		0.86	ug/kg
0.0017	1	EG1-95-01C	42/45	Grasshopper	PPDDE	1.7		0.86	ug/kg
0.0011	1	EG1-95-02C	42/45	Grasshopper	PPDDE	1.1		0.86	ug/kg
0.00043		EG1-95-03C	42/45	Grasshopper	PPDDE	0.86	U	0.86	ug/kg
7.10E-04		EJ1-94-01	45	Jackrabbit	4,4'-DDE	0.71		0.67	µg/kg
3.35E-04		EJ1-94-02	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	µg/kg
3.35E-04		EJ1-94-03	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	µg/kg
3.35E-04		EJ1-94-04	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	µg/kg
3.35E-04		EJ1-94-05	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	µg/kg
3.35E-04		EJ1-94-06	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	µg/kg
8.20E-04		EJ1-94-07	45	Jackrabbit	4,4'-DDE	0.82		0.67	µg/kg
3.35E-04		EJ1-94-08	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	µg/kg
3.35E-04		EJ1-94-09	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	µg/kg
3.35E-04		EJ2-94-01	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	µg/kg
3.35E-04		EJ2-94-02	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	µg/kg
3.35E-04		EJ2-94-03	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	µg/kg
3.35E-04		EJ2-94-04	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	µg/kg
1.20E-03		EJ2-94-05	45	Jackrabbit	4,4'-DDE	1.2		0.67	µg/kg
3.35E-04		EJ2-94-06	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	µg/kg
7.80E-02		EB1-94-01	42	Rabbitbrush	4,4'-DDE	78		34.00	µg/kg
1.30E-01		EB1-94-02	42	Rabbitbrush	4,4'-DDE	130		34.00	µg/kg
1.70E-02		EB1-94-03	42	Rabbitbrush	4,4'-DDE	34	U	34.00	µg/kg
1.70E-02		EB1-94-04	42	Rabbitbrush	4,4'-DDE	34	U	34.00	µg/kg
1.70E-02		EB1-94-05	42	Rabbitbrush	4,4'-DDE	34	U	34.00	µg/kg
6.20E-02		EB1-94-06	42	Rabbitbrush	4,4'-DDE	62		34.00	µg/kg
1.70E-02		EB1-94-07	42	Rabbitbrush	4,4'-DDE	34	U	34.00	µg/kg
1.70E-02		EB1-94-08	42	Rabbitbrush	4,4'-DDE	34	U	34.00	µg/kg
6.70E-02		EB1-94-09	42	Rabbitbrush	4,4'-DDE	67		34.00	µg/kg
1.70E-02		EB2-94-02	45	Rabbitbrush	4,4'-DDE	34	U	34.00	µg/kg
1.70E-02		EB2-94-03	45	Rabbitbrush	4,4'-DDE	34	U	34.00	µg/kg
1.70E-02		EB2-94-04	45	Rabbitbrush	4,4'-DDE	34	U	34.00	µg/kg
1.70E-02		EB2-94-05	45	Rabbitbrush	4,4'-DDE	34	U	34.00	µg/kg
1.70E-02		EB2-94-06	45	Rabbitbrush	4,4'-DDE	34	U	34.00	µg/kg
1.35E-03		EC1-94-01	42	Sweetclover	4,4'-DDE	2.7	U	2.70	µg/kg
1.35E-03		EC1-94-02	42	Sweetclover	4,4'-DDE	2.7	U	2.70	µg/kg
1.35E-03		EC1-94-03	42	Sweetclover	4,4'-DDE	2.7	U	2.70	µg/kg
1.35E-03		EC1-94-04	42	Sweetclover	4,4'-DDE	2.7	U	2.70	µg/kg
1.35E-03		EC1-94-05	42	Sweetclover	4,4'-DDE	2.7	U	2.70	µg/kg
1.35E-03		EC1-94-06	42	Sweetclover	4,4'-DDE	2.7	U	2.70	µg/kg
1.35E-03		EC1-94-09	42	Sweetclover	4,4'-DDE	2.7	U	2.70	µg/kg
1.35E-03		EC2-94-03	45	Sweetclover	4,4'-DDE	2.7	U	2.70	µg/kg
1.35E-03		EC2-94-05	45	Sweetclover	4,4'-DDE	2.7	U	2.70	µg/kg
1.35E-03		EC2-94-06	45	Sweetclover	4,4'-DDE	2.7	U	2.70	µg/kg
1.35E-03		EC1-94-08	42	Sweetclover	4,4'-DDE	2.7	U	2.70	µg/kg
3.40E-02		EM1-94-07	42	Gumweed	4,4'-DDE	68	U	68.00	µg/kg
3.40E-02		EM2-94-01	45	Gumweed	4,4'-DDE	68	U	68.00	µg/kg
3.40E-02		EM2-94-02	45	Gumweed	4,4'-DDE	68	U	68.00	µg/kg
3.40E-02		EM2-94-04	45	Gumweed	4,4'-DDE	68	U	68.00	µg/kg

Biota Analytical Data Used in Monte Carlo Simulation for Cd in Diet-Passerine Birds

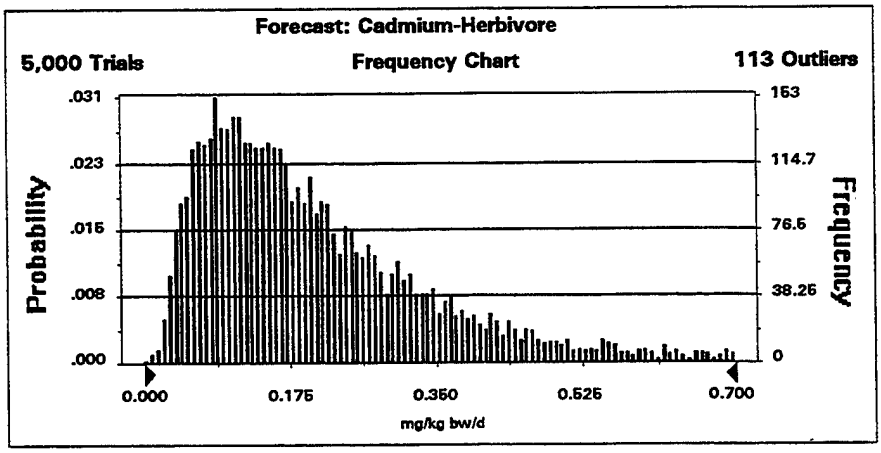
Eco Val	Detect	Site Identification	SWMU	SDG	TYPE	Matrix	Analyte
0.25	1	EC1-94-01	42	RUST06	SAMPLE	Sweetclover	Cd
0.29	1	EC1-94-02	42	RUST06	SAMPLE	Sweetclover	Cd
0.35	1	EC1-94-03	42	RUST06	SAMPLE	Sweetclover	Cd
0.3	1	EC1-94-04	42	RUST06	SAMPLE	Sweetclover	Cd
0.31	1	EC1-94-05	42	RUST06	SAMPLE	Sweetclover	Cd
0.34	1	EC1-94-06	42	RUST06	SAMPLE	Sweetclover	Cd
0.73	1	EC1-94-09	42	RUST06	SAMPLE	Sweetclover	Cd
0.2	1	EC1-94-08	42	RUST07	SAMPLE	Sweetclover	Cd
0.19	1	EC2-94-03	45	RUST06	SAMPLE	Sweetclover	Cd
0.06435		EC2-94-05	45	RUST06	SAMPLE	Sweetclover	Cd
0.06435		EC2-94-06	45	RUST06	SAMPLE	Sweetclover	Cd
0.19	1	EB1-94-01	42	RUST03	SAMPLE	Rabbitbrush	Cd
0.27	1	EB1-94-02	42	RUST03	SAMPLE	Rabbitbrush	Cd
0.2	1	EB1-94-03	42	RUST03	SAMPLE	Rabbitbrush	Cd
0.13	1	EB1-94-04	42	RUST04	SAMPLE	Rabbitbrush	Cd
0.14	1	EB1-94-05	42	RUST04	SAMPLE	Rabbitbrush	Cd
0.12	1	EB1-94-06	42	RUST04	SAMPLE	Rabbitbrush	Cd
0.2	1	EB1-94-07	42	RUST04	SAMPLE	Rabbitbrush	Cd
0.13	1	EB1-94-08	42	RUST04	SAMPLE	Rabbitbrush	Cd
0.27	1	EB1-94-09	42	RUST04	SAMPLE	Rabbitbrush	Cd
0.22	1	EB2-94-02	45	RUST04	SAMPLE	Rabbitbrush	Cd
0.34	1	EB2-94-03	45	RUST05	SAMPLE	Rabbitbrush	Cd
0.22	1	EB2-94-04	45	RUST05	SAMPLE	Rabbitbrush	Cd
0.14	1	EB2-94-05	45	RUST05	SAMPLE	Rabbitbrush	Cd
0.21	1	EB2-94-06	45	RUST05	SAMPLE	Rabbitbrush	Cd
0.45	1	EM1-94-07	42	RUST08	SAMPLE	Gumweed	Cd
2.3	1	EM2-94-01	45	RUST08	SAMPLE	Gumweed	Cd
0.201		EM2-94-02	45	RUST08	SAMPLE	Gumweed	Cd
0.205		EM2-94-04	45	RUST08	SAMPLE	Gumweed	Cd
0.06		EJ1-94-01	45	RUST02	SAMPLE	Jackrabbit	Cd
0.13	1	EJ1-94-02	45	RUST02	SAMPLE	Jackrabbit	Cd
0.0594		EJ1-94-03	45	RUST02	SAMPLE	Jackrabbit	Cd
0.05825		EJ1-94-04	45	RUST02	SAMPLE	Jackrabbit	Cd
0.13	1	EJ1-94-05	45	RUST02	SAMPLE	Jackrabbit	Cd
0.14	1	EJ1-94-06	45	RUST02	SAMPLE	Jackrabbit	Cd
0.14	1	EJ1-94-07	45	RUST02	SAMPLE	Jackrabbit	Cd
0.15	1	EJ1-94-08	45	RUST02	SAMPLE	Jackrabbit	Cd
0.2	1	EJ1-94-09	45	RUST02	SAMPLE	Jackrabbit	Cd
0.0594		EJ2-94-01	45	RUST02	SAMPLE	Jackrabbit	Cd
0.42	1	EJ2-94-02	45	RUST02	SAMPLE	Jackrabbit	Cd
0.05605		EJ2-94-03	45	RUST02	SAMPLE	Jackrabbit	Cd
0.0566		EJ2-94-04	45	RUST02	SAMPLE	Jackrabbit	Cd
0.16	1	EJ2-94-05	45	RUST02	SAMPLE	Jackrabbit	Cd
0.0588		EJ2-94-06	45	RUST02	SAMPLE	Jackrabbit	Cd
0.44						Beetle	Cd
0.28						Beetle	Cd
0.29						Grasshopper	Cd
0.33						Grasshopper	Cd
0.36						Grasshopper	Cd

Crystal Ball Report
Simulation started on 7/22/97 at 14:26:59
Simulation stopped on 7/22/97 at 14:34:11

Forecast: Cadmium-Herbivore

Summary:
Display Range is from 0.000 to 0.700 mg/kg bw/d
Entire Range is from 0.006 to 1.907 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.002

Statistics:	Value
Trials	5000
Mean	0.217
Median	0.171
Mode	---
Standard Deviation	0.170
Variance	0.029
Skewness	2.37
Kurtosis	12.61
Coeff. of Variability	0.78
Range Minimum	0.006
Range Maximum	1.907
Range Width	1.901
Mean Std. Error	0.002



Forecast: Cadmium-Herbivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	0.006
10%	0.064
20%	0.090
30%	0.115
40%	0.143
50%	0.171
60%	0.207
70%	0.250
80%	0.311
90%	0.418
100%	1.907

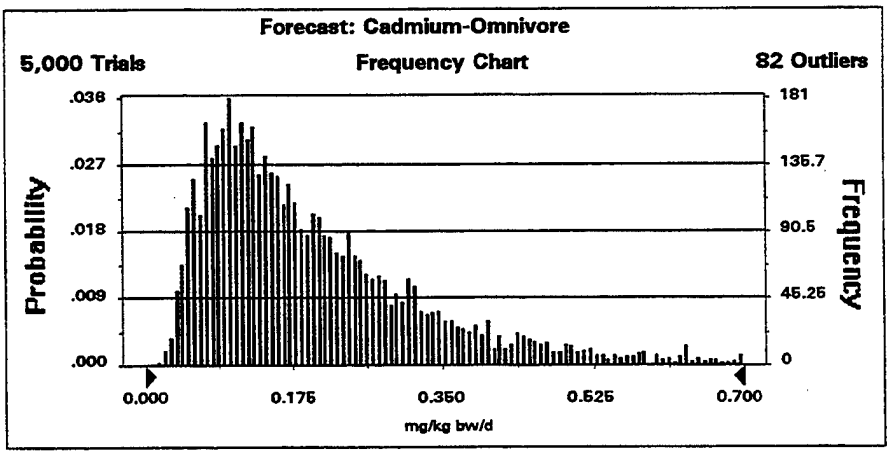
End of Forecast

Forecast: Cadmium-Omnivore

Summary:

Display Range is from 0.000 to 0.700 mg/kg bw/d
Entire Range is from 0.018 to 1.905 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.002

Statistics:	Value
Trials	5000
Mean	0.208
Median	0.165
Mode	---
Standard Deviation	0.157
Variance	0.025
Skewness	2.49
Kurtosis	14.02
Coeff. of Variability	0.75
Range Minimum	0.018
Range Maximum	1.905
Range Width	1.887
Mean Std. Error	0.002



Forecast: Cadmium-Omnivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	0.018
10%	0.070
20%	0.094
30%	0.115
40%	0.138
50%	0.165
60%	0.198
70%	0.239
80%	0.294
90%	0.391
100%	1.905

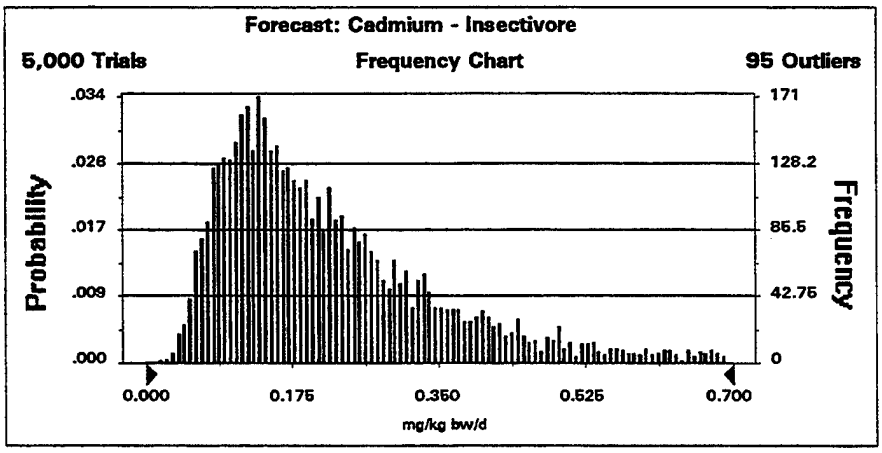
End of Forecast

Forecast: Cadmium - Insectivore

Summary:

Display Range is from 0.000 to 0.700 mg/kg bw/d
Entire Range is from 0.021 to 1.927 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.002

Statistics:	Value
Trials	5000
Mean	0.229
Median	0.186
Mode	---
Standard Deviation	0.160
Variance	0.026
Skewness	2.43
Kurtosis	13.55
Coeff. of Variability	0.70
Range Minimum	0.021
Range Maximum	1.927
Range Width	1.906
Mean Std. Error	0.002



Forecast: Cadmium - Insectivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	0.021
10%	0.087
20%	0.112
30%	0.135
40%	0.158
50%	0.186
60%	0.220
70%	0.261
80%	0.319
90%	0.417
100%	1.927

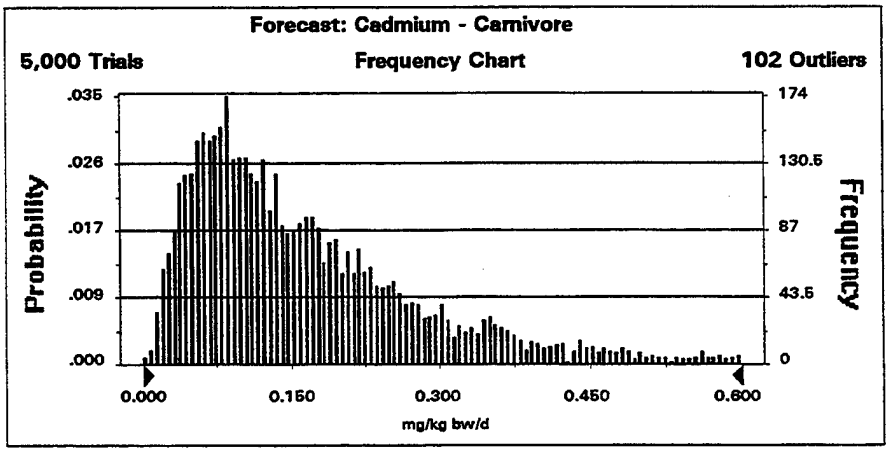
End of Forecast

Forecast: Cadmium - Carnivore

Summary:

Display Range is from 0.000 to 0.600 mg/kg bw/d
Entire Range is from 0.003 to 1.880 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.002

Statistics:	Value
Trials	5000
Mean	0.177
Median	0.136
Mode	---
Standard Deviation	0.149
Variance	0.022
Skewness	2.59
Kurtosis	15.26
Coeff. of Variability	0.84
Range Minimum	0.003
Range Maximum	1.880
Range Width	1.877
Mean Std. Error	0.002



Forecast: Cadmium - Carnivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	0.003
10%	0.047
20%	0.069
30%	0.088
40%	0.110
50%	0.136
60%	0.168
70%	0.206
80%	0.257
90%	0.354
100%	1.880

End of Forecast

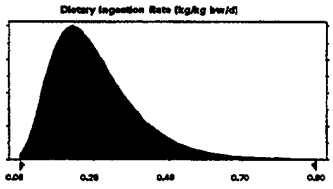
Assumptions

Assumption: Dietary Ingestion Rate (kg/kg bw/d)

Lognormal distribution with parameters:

Mean	0.29
Standard Dev.	0.12

Selected range is from 0.00 to 1.50
Mean value in simulation was 0.29



Assumption: Soil Fraction in Diet

Lognormal distribution with parameters:

Mean	0.099
Standard Dev.	0.045

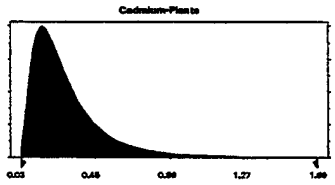
Selected range is from 0.000 to 4.793
Mean value in simulation was 0.098

Assumption: Cadmium-Plants

Lognormal distribution with parameters:

Mean	0.29
Standard Dev.	0.21

Selected range is from 0.00 to +Infinity
Mean value in simulation was 0.29

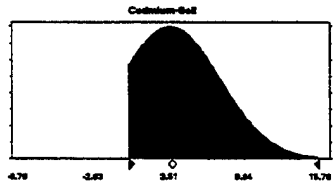


Assumption: Cadmium-Soil

Normal distribution with parameters:

Mean	3.51
Standard Dev.	4.09

Selected range is from 0.00 to +Infinity
Mean value in simulation was 4.94

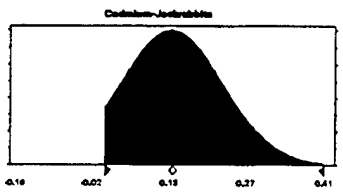


Assumption: Cadmium-Jackrabbits

Normal distribution with parameters:

Mean	0.13
Standard Dev.	0.09

Selected range is from 0.00 to +Infinity
Mean value in simulation was 0.14

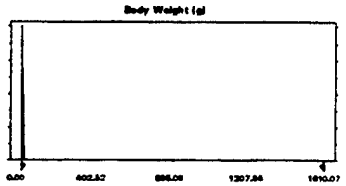


Assumption: Body Weight (g)

Lognormal distribution with parameters:

Mean	20.38
Standard Dev.	450.81

Selected range is from 0.00 to +Infinity
Mean value in simulation was 17.08

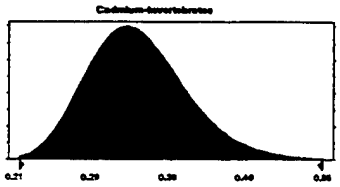


Assumption: Cadmium-Invertebrates

Lognormal distribution with parameters:

Mean	0.34
Standard Dev.	0.06

Selected range is from 0.00 to +Infinity
Mean value in simulation was 0.34



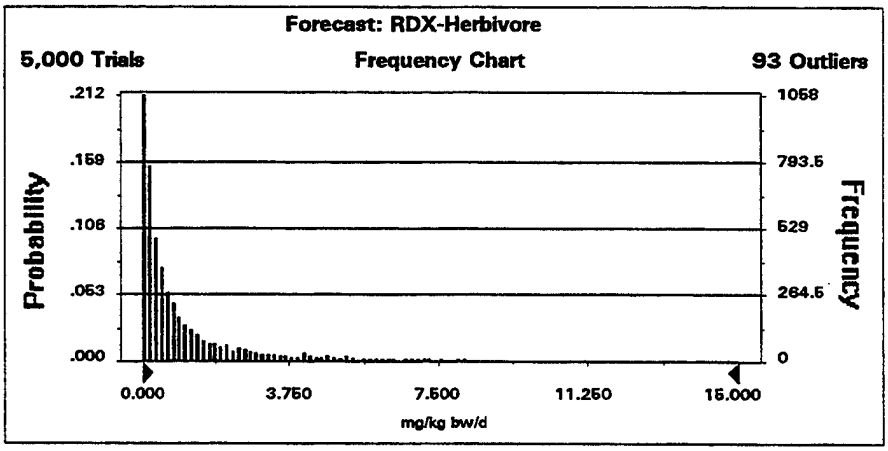
End of Assumptions

Crystal Ball Report
Simulation started on 7/22/97 at 14:26:59
Simulation stopped on 7/22/97 at 14:34:11

Forecast: RDX-Herbivore

Summary:
Display Range is from 0.000 to 15.000 mg/kg bw/d
Entire Range is from 0.005 to 109.227 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.069

Statistics:	Value
Trials	5000
Mean	1.811
Median	0.518
Mode	---
Standard Deviation	4.853
Variance	23.555
Skewness	9.35
Kurtosis	137.51
Coeff. of Variability	2.68
Range Minimum	0.005
Range Maximum	109.227
Range Width	109.222
Mean Std. Error	0.069



Forecast: RDX-Herbivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	0.005
10%	0.070
20%	0.141
30%	0.223
40%	0.343
50%	0.518
60%	0.767
70%	1.179
80%	1.991
90%	4.117
100%	109.227

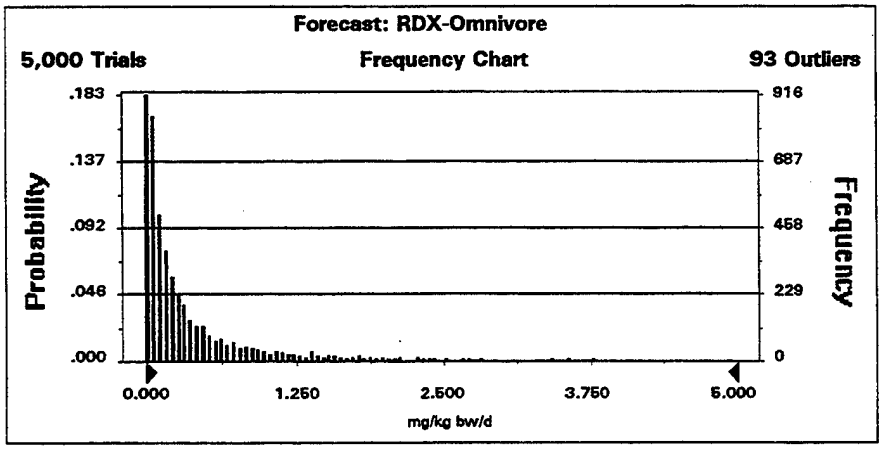
End of Forecast

Forecast: RDX-Omnivore

Summary:

Display Range is from 0.000 to 5.000 mg/kg bw/d
Entire Range is from 0.003 to 36.417 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.023

Statistics:	Value
Trials	5000
Mean	0.611
Median	0.180
Mode	---
Standard Deviation	1.618
Variance	2.619
Skewness	9.35
Kurtosis	137.44
Coeff. of Variability	2.65
Range Minimum	0.003
Range Maximum	36.417
Range Width	36.414
Mean Std. Error	0.023



Forecast: RDX-Omnivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	0.003
10%	0.030
20%	0.055
30%	0.082
40%	0.122
50%	0.180
60%	0.262
70%	0.399
80%	0.669
90%	1.383
100%	36.417

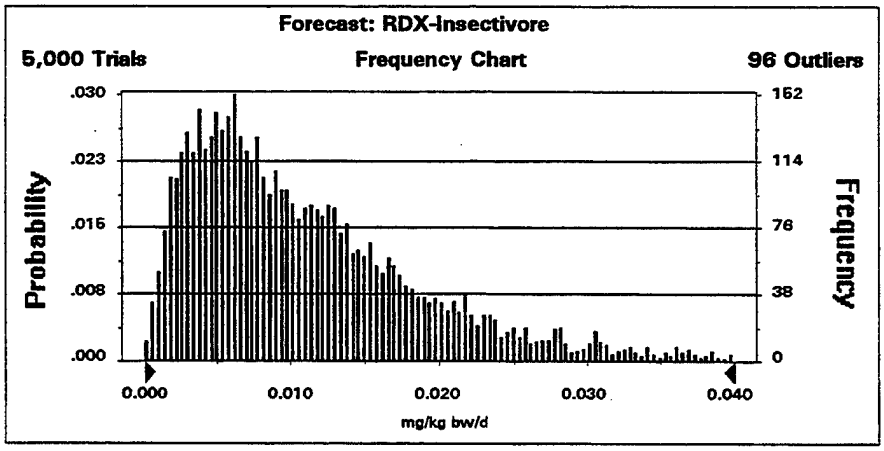
End of Forecast

Forecast: RDX-Insectivore

Summary:

Display Range is from 0.000 to 0.040 mg/kg bw/d
Entire Range is from 0.000 to 0.126 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.000

Statistics:	Value
Trials	5000
Mean	0.012
Median	0.009
Mode	---
Standard Deviation	0.010
Variance	0.000
Skewness	2.64
Kurtosis	16.47
Coeff. of Variability	0.84
Range Minimum	0.000
Range Maximum	0.126
Range Width	0.126
Mean Std. Error	0.000



Forecast: RDX-Insectivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	0.000
10%	0.003
20%	0.004
30%	0.006
40%	0.007
50%	0.009
60%	0.011
70%	0.014
80%	0.017
90%	0.023
100%	0.126

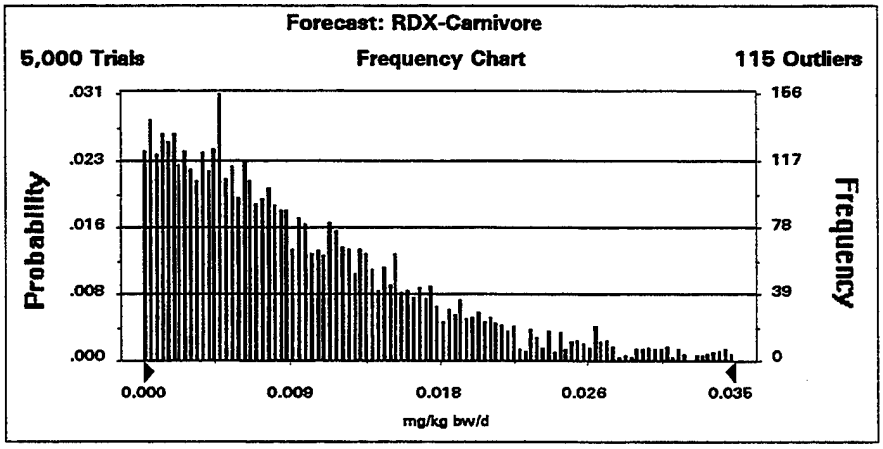
End of Forecast

Forecast: RDX-Carnivore

Summary:

Display Range is from 0.000 to 0.035 mg/kg bw/d
Entire Range is from 0.000 to 0.125 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.000

Statistics:	Value
Trials	5000
Mean	0.010
Median	0.007
Mode	---
Standard Deviation	0.009
Variance	0.000
Skewness	2.74
Kurtosis	17.63
Coeff. of Variability	0.96
Range Minimum	0.000
Range Maximum	0.125
Range Width	0.125
Mean Std. Error	0.000



Forecast: RDX-Carnivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	0.000
10%	0.001
20%	0.003
30%	0.004
40%	0.006
50%	0.007
60%	0.009
70%	0.012
80%	0.015
90%	0.020
100%	0.125

End of Forecast

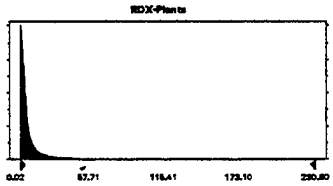
Assumptions

Assumption: RDX-Plants

Lognormal distribution with parameters:

Mean	7.10
Standard Dev.	23.40

Selected range is from 0.00 to +Infinity
Mean value in simulation was 7.09

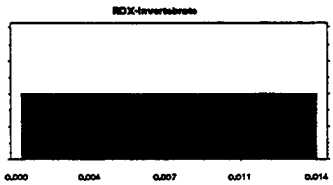


Assumption: RDX-Invertebrate

Uniform distribution with parameters:

Minimum	0.000
Maximum	0.014

Mean value in simulation was 0.007

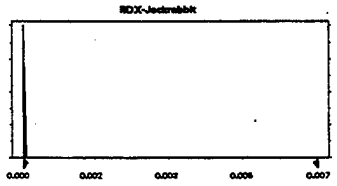


Assumption: RDX-Jackrabbit

Lognormal distribution with parameters:

Mean	0.000
Standard Dev.	0.100

Selected range is from 0.000 to 0.100
Mean value in simulation was 0.000

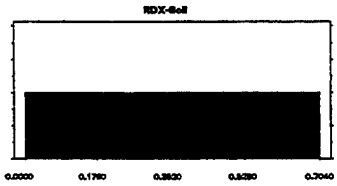


Assumption: RDX-Soil

Uniform distribution with parameters:

Minimum	0.0000
Maximum	0.7040

Mean value in simulation was 0.3507



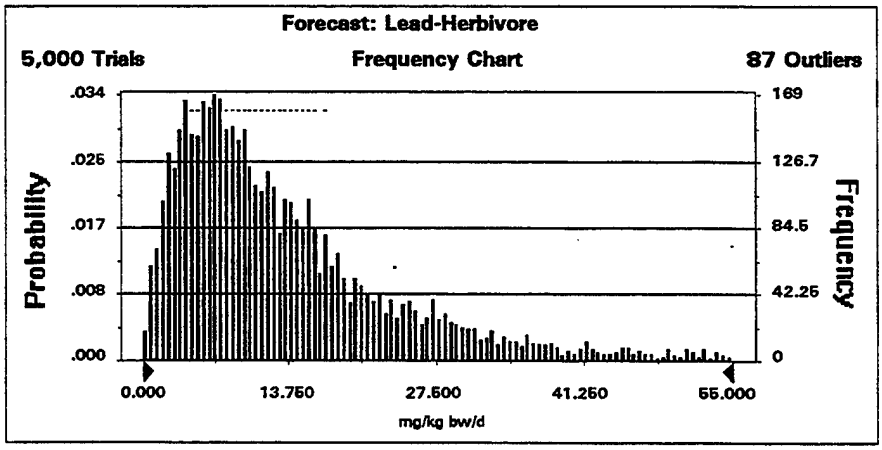
End of Assumptions

Crystal Ball Report
Simulation started on 7/22/97 at 14:26:59
Simulation stopped on 7/22/97 at 14:34:11

Forecast: Lead-Herbivore

Summary:
Display Range is from 0.000 to 55.000 mg/kg bw/d
Entire Range is from 0.203 to 305.247 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.198

Statistics:	Value
Trials	5000
Mean	14.311
Median	10.556
Mode	---
Standard Deviation	14.024
Variance	196.685
Skewness	4.71
Kurtosis	57.91
Coeff. of Variability	0.98
Range Minimum	0.203
Range Maximum	305.247
Range Width	305.044
Mean Std. Error	0.198



Forecast: Lead-Herbivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	0.203
10%	3.280
20%	5.079
30%	6.827
40%	8.588
50%	10.556
60%	13.157
70%	16.040
80%	20.525
90%	28.676
100%	305.247

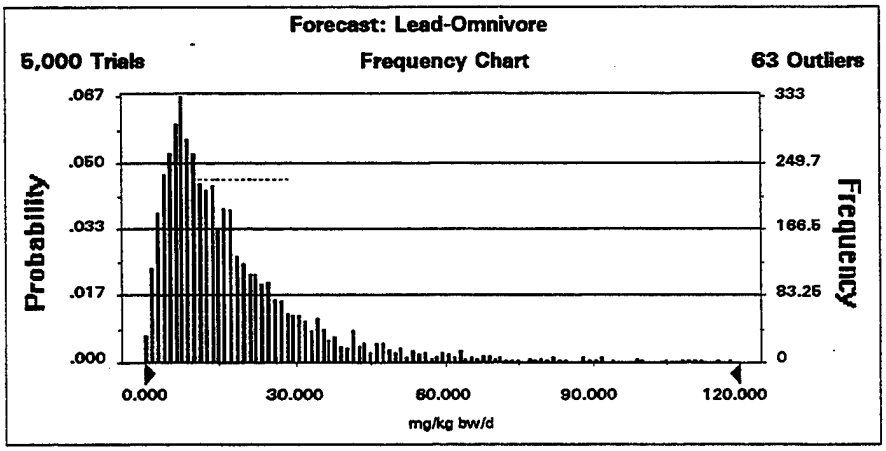
End of Forecast

Forecast: Lead-Omnivore

Summary:

Display Range is from 0.000 to 120.000 mg/kg bw/d
Entire Range is from 0.348 to 1021.947 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.492

Statistics:	Value
Trials	5000
Mean	20.972
Median	13.480
Mode	---
Standard Deviation	34.781
Variance	1209.747
Skewness	11.66
Kurtosis	230.20
Coeff. of Variability	1.66
Range Minimum	0.348
Range Maximum	1021.947
Range Width	1021.599
Mean Std. Error	0.492



Forecast: Lead-Omnivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	0.348
10%	4.437
20%	6.698
30%	8.526
40%	10.772
50%	13.480
60%	16.601
70%	20.711
80%	26.945
90%	40.106
100%	1021.947

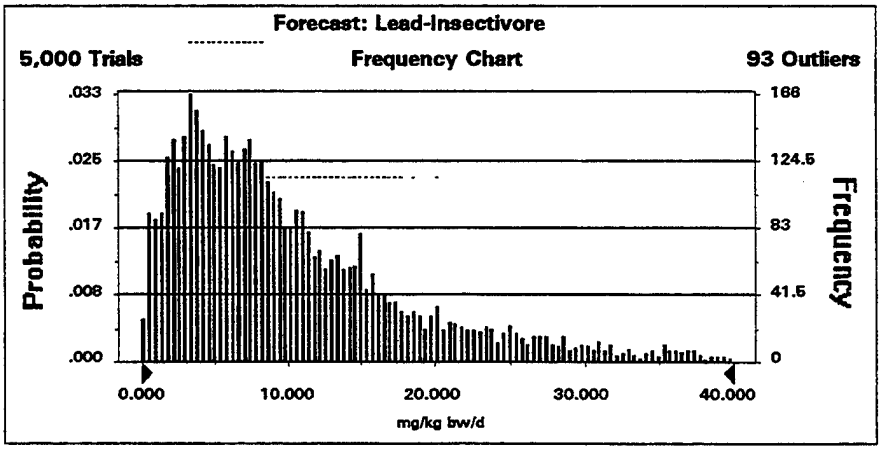
End of Forecast

Forecast: Lead-Insectivore

Summary:

Display Range is from 0.000 to 40.000 mg/kg bw/d
Entire Range is from 0.096 to 122.959 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.144

Statistics:	Value
Trials	5000
Mean	10.964
Median	8.194
Mode	---
Standard Deviation	10.205
Variance	104.150
Skewness	2.83
Kurtosis	17.46
Coeff. of Variability	0.93
Range Minimum	0.096
Range Maximum	122.959
Range Width	122.863
Mean Std. Error	0.144



Forecast: Lead-Insectivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	0.096
10%	2.216
20%	3.611
30%	5.053
40%	6.610
50%	8.194
60%	10.124
70%	12.647
80%	15.998
90%	23.054
100%	122.959

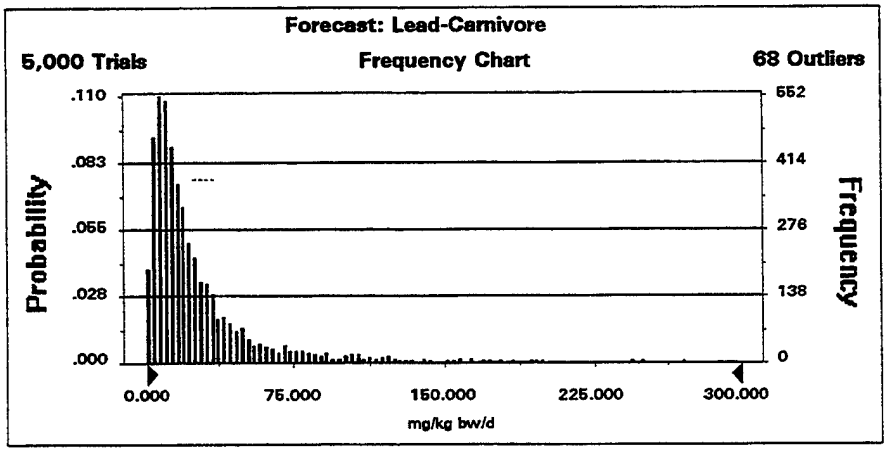
End of Forecast

Forecast: Lead-Carnivore

Summary:

Display Range is from 0.000 to 300.000 mg/kg bw/d
Entire Range is from 0.210 to 3035.704 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 1.390

Statistics:	Value
Trials	5000
Mean	37.641
Median	17.182
Mode	---
Standard Deviation	98.313
Variance	9665.462
Skewness	13.49
Kurtosis	283.37
Coeff. of Variability	2.61
Range Minimum	0.210
Range Maximum	3035.704
Range Width	3035.495
Mean Std. Error	1.390



Forecast: Lead-Carnivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	0.210
10%	4.985
20%	7.977
30%	10.482
40%	13.484
50%	17.182
60%	22.106
70%	29.319
80%	40.786
90%	71.722
100%	3035.704

End of Forecast

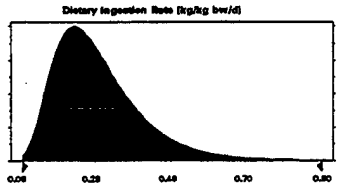
Assumptions

Assumption: Dietary Ingestion Rate (kg/kg bw/d)

Lognormal distribution with parameters:

Mean	0.29
Standard Dev.	0.12

Selected range is from 0.00 to 1.50
Mean value in simulation was 0.29



Assumption: Soil Fraction in Diet

Lognormal distribution with parameters:

Mean	0.099
Standard Dev.	0.045

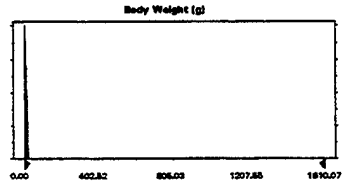
Selected range is from 0.000 to 4.793
Mean value in simulation was 0.098

Assumption: Body Weight (g)

Lognormal distribution with parameters:

Mean	20.38
Standard Dev.	450.81

Selected range is from 0.00 to +Infinity
Mean value in simulation was 17.08

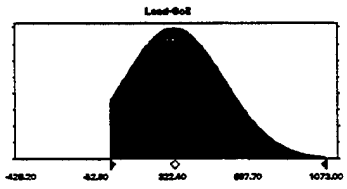


Assumption: Lead-Soil

Normal distribution with parameters:

Mean	322.40
Standard Dev.	250.20

Selected range is from 0.00 to +Infinity
Mean value in simulation was 369.66

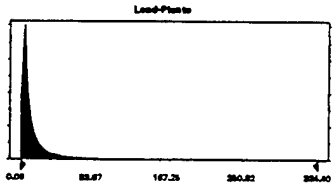


Assumption: Lead-Plants

Lognormal distribution with parameters:

Mean	14.08
Standard Dev.	32.99

Selected range is from 0.00 to +Infinity
Mean value in simulation was 14.46

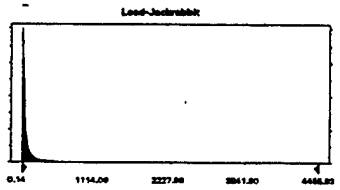


Assumption: Lead-Jackrabbit

Lognormal distribution with parameters:

Mean	110.77
Standard Dev.	482.79

Selected range is from 0.00 to +Infinity
Mean value in simulation was 103.41

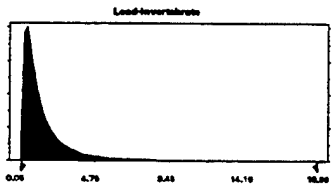


Assumption: Lead-Invertebrate

Lognormal distribution with parameters:

Mean	1.56
Standard Dev.	2.03

Selected range is from 0.00 to +Infinity
Mean value in simulation was 1.54



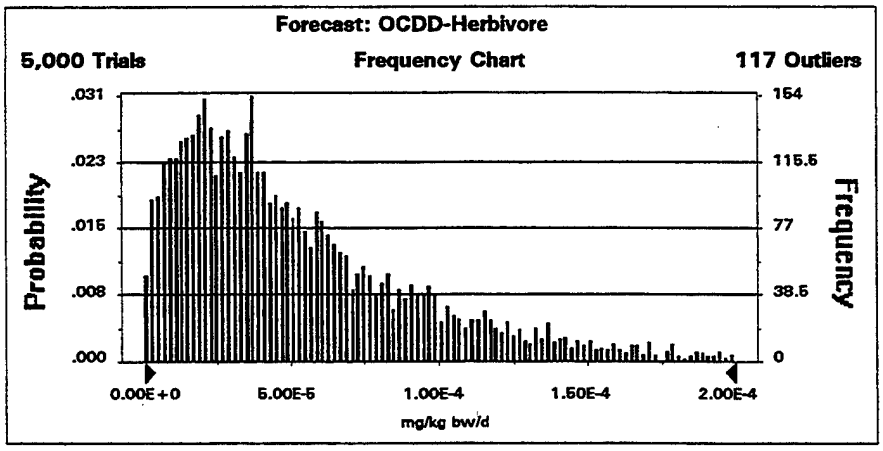
End of Assumptions

Crystal Ball Report
Simulation started on 7/22/97 at 14:26:59
Simulation stopped on 7/22/97 at 14:34:11

Forecast: OCDD-Herbivore

Summary:
Display Range is from 0.00E+0 to 2.00E-4 mg/kg bw/d
Entire Range is from 2.42E-7 to 5.39E-4 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 7.53E-7

Statistics:	Value
Trials	5000
Mean	5.68E-05
Median	4.17E-05
Mode	---
Standard Deviation	5.33E-05
Variance	2.84E-09
Skewness	2.61
Kurtosis	14.40
Coeff. of Variability	0.94
Range Minimum	2.42E-07
Range Maximum	5.39E-04
Range Width	5.38E-04
Mean Std. Error	7.53E-07



Forecast: OCDD-Herbivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	2.42E-07
10%	1.06E-05
20%	1.83E-05
30%	2.58E-05
40%	3.38E-05
50%	4.17E-05
60%	5.29E-05
70%	6.59E-05
80%	8.63E-05
90%	1.18E-04
100%	5.39E-04

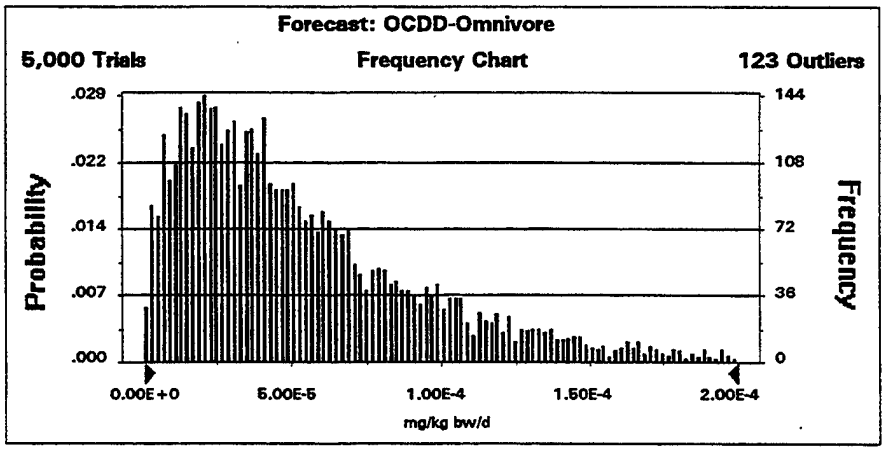
End of Forecast

Forecast: OCDD-Omnivore

Summary:

Display Range is from 0.00E+0 to 2.00E-4 mg/kg bw/d
Entire Range is from 3.95E-7 to 5.39E-4 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 7.65E-7

Statistics:	Value
Trials	5000
Mean	5.84E-05
Median	4.32E-05
Mode	---
Standard Deviation	5.41E-05
Variance	2.92E-09
Skewness	2.60
Kurtosis	14.23
Coeff. of Variability	0.93
Range Minimum	3.95E-07
Range Maximum	5.39E-04
Range Width	5.38E-04
Mean Std. Error	7.65E-07



Forecast: OCDD-Omnivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	3.95E-07
10%	1.15E-05
20%	1.94E-05
30%	2.65E-05
40%	3.49E-05
50%	4.32E-05
60%	5.41E-05
70%	6.74E-05
80%	8.79E-05
90%	1.20E-04
100%	5.39E-04

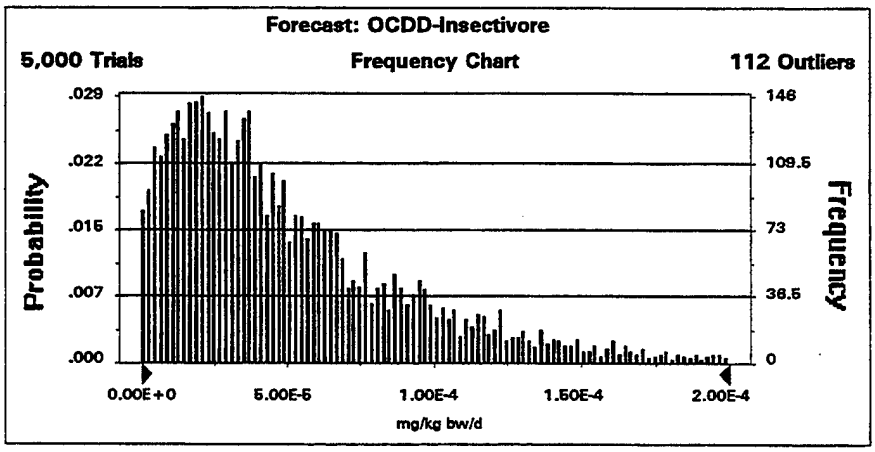
End of Forecast

Forecast: OCDD-Insectivore

Summary:

Display Range is from 0.00E+0 to 2.00E-4 mg/kg bw/d
Entire Range is from 1.08E-7 to 5.39E-4 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 7.49E-7

Statistics:	Value
Trials	5000
Mean	5.52E-05
Median	4.03E-05
Mode	---
Standard Deviation	5.30E-05
Variance	2.80E-09
Skewness	2.64
Kurtosis	14.70
Coeff. of Variability	0.96
Range Minimum	1.09E-07
Range Maximum	5.39E-04
Range Width	5.39E-04
Mean Std. Error	7.49E-07



Forecast: OCDD-Insectivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	1.09E-07
10%	9.43E-06
20%	1.70E-05
30%	2.40E-05
40%	3.21E-05
50%	4.03E-05
60%	5.08E-05
70%	6.43E-05
80%	8.40E-05
90%	1.16E-04
100%	5.39E-04

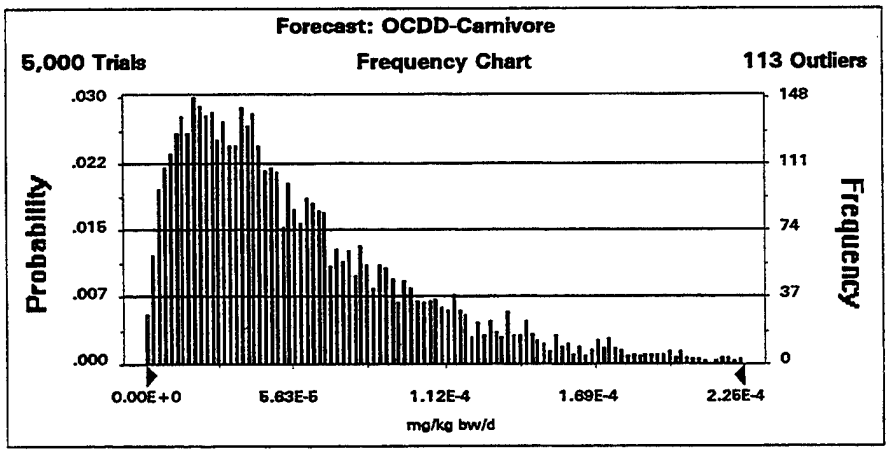
End of Forecast

Forecast: OCDD-Carnivore

Summary:

Display Range is from 0.00E+0 to 2.25E-4 mg/kg bw/d
Entire Range is from 4.29E-7 to 8.41E-4 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 8.41E-7

Statistics:	Value
Trials	5000
Mean	6.32E-05
Median	4.71E-05
Mode	---
Standard Deviation	5.95E-05
Variance	3.54E-09
Skewness	3.18
Kurtosis	23.13
Coeff. of Variability	0.94
Range Minimum	4.29E-07
Range Maximum	8.41E-04
Range Width	8.41E-04
Mean Std. Error	8.41E-07



Forecast: OCDD-Carnivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	4.29E-07
10%	1.28E-05
20%	2.11E-05
30%	2.93E-05
40%	3.81E-05
50%	4.71E-05
60%	5.88E-05
70%	7.29E-05
80%	9.36E-05
90%	1.29E-04
100%	8.41E-04

End of Forecast

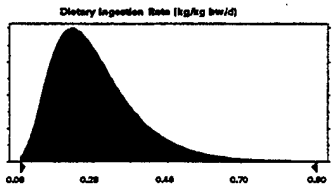
Assumptions

Assumption: Dietary Ingestion Rate (kg/kg bw/d)

Lognormal distribution with parameters:

Mean	0.29
Standard Dev.	0.12

Selected range is from 0.00 to 1.50
Mean value in simulation was 0.29



Assumption: Soil Fraction in Diet

Lognormal distribution with parameters:

Mean	0.099
Standard Dev.	0.045

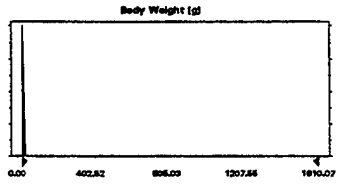
Selected range is from 0.000 to 4.793
Mean value in simulation was 0.098

Assumption: Body Weight (g)

Lognormal distribution with parameters:

Mean	20.38
Standard Dev.	450.81

Selected range is from 0.00 to +Infinity
Mean value in simulation was 17.08

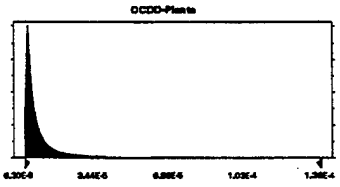


Assumption: OCDD-Plants

Lognormal distribution with parameters:

Mean	6.69E-06
Standard Dev.	1.37E-05

Selected range is from 0.00E+0 to +Infinity
Mean value in simulation was 6.80E-6

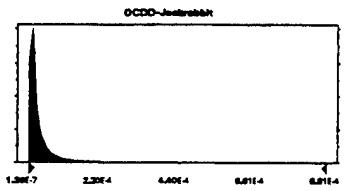


Assumption: OCDD-Jackrabbit

Lognormal distribution with parameters:

Mean	3.19E-05
Standard Dev.	8.73E-05

Selected range is from 0.00E+0 to +Infinity
Mean value in simulation was 3.15E-5

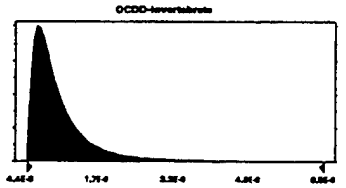


Assumption: OCDD-Invertebrate

Lognormal distribution with parameters:

Mean	7.6E-07
Standard Dev.	7.6E-07

Selected range is from 0.0E+0 to +Infinity
Mean value in simulation was 7.5E-7

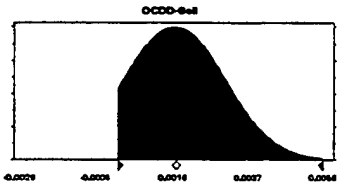


Assumption: OCDD-Soil

Normal distribution with parameters:

Mean	0.0016
Standard Dev.	0.0014

Selected range is from 0.0000 to +Infinity
Mean value in simulation was 0.0019



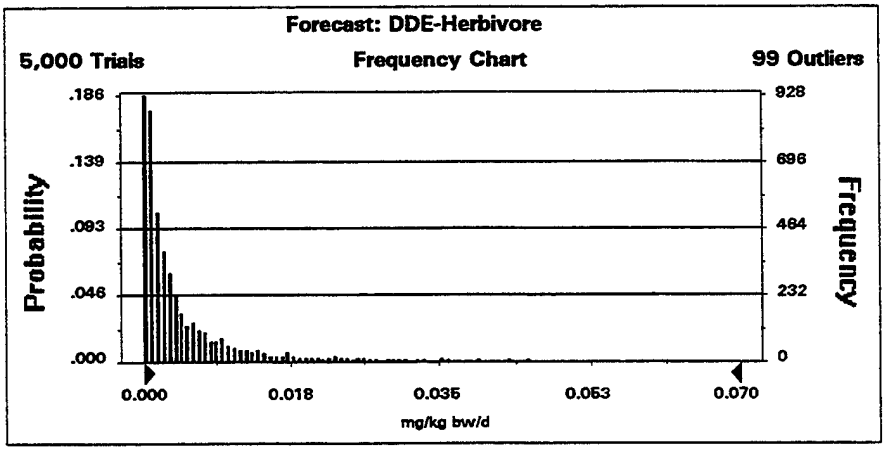
End of Assumptions

Crystal Ball Report
Simulation started on 7/22/97 at 14:26:59
Simulation stopped on 7/22/97 at 14:34:11

Forecast: DDE-Herbivore

Summary:
Display Range is from 0.000 to 0.070 mg/kg bw/d
Entire Range is from 0.000 to 0.509 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.000

Statistics:	Value
Trials	5000
Mean	0.008
Median	0.002
Mode	---
Standard Deviation	0.023
Variance	0.001
Skewness	9.57
Kurtosis	141.62
Coeff. of Variability	2.80
Range Minimum	0.000
Range Maximum	0.509
Range Width	0.509
Mean Std. Error	0.000



Forecast: DDE-Herbivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	0.000
10%	0.000
20%	0.001
30%	0.001
40%	0.002
50%	0.002
60%	0.003
70%	0.005
80%	0.009
90%	0.017
100%	0.509

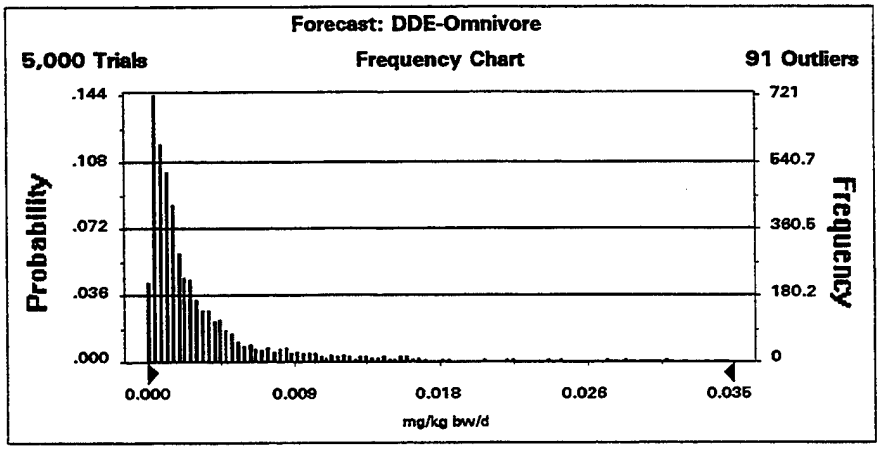
End of Forecast

Forecast: DDE-Omnivore

Summary:

Display Range is from 0.000 to 0.035 mg/kg bw/d
Entire Range is from 0.000 to 0.316 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.000

Statistics:	Value
Trials	5000
Mean	0.005
Median	0.002
Mode	---
Standard Deviation	0.011
Variance	0.000
Skewness	10.72
Kurtosis	197.53
Coeff. of Variability	2.40
Range Minimum	0.000
Range Maximum	0.316
Range Width	0.316
Mean Std. Error	0.000



Forecast: DDE-Omnivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	0.000
10%	0.000
20%	0.001
30%	0.001
40%	0.001
50%	0.002
60%	0.002
70%	0.003
80%	0.005
90%	0.010
100%	0.316

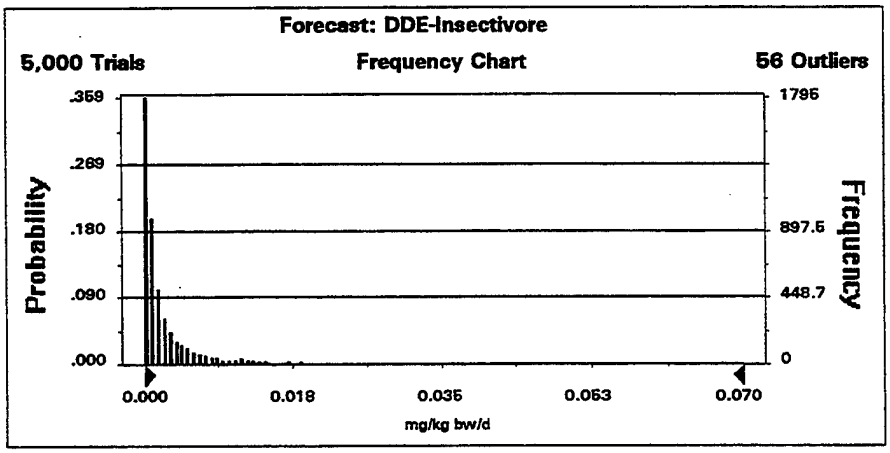
End of Forecast

Forecast: DDE-Insectivore

Summary:

Display Range is from 0.000 to 0.070 mg/kg bw/d
Entire Range is from 0.000 to 0.912 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.000

Statistics:	Value
Trials	5000
Mean	0.005
Median	0.001
Mode	---
Standard Deviation	0.024
Variance	0.001
Skewness	20.46
Kurtosis	616.96
Coeff. of Variability	4.43
Range Minimum	0.000
Range Maximum	0.912
Range Width	0.912
Mean Std. Error	0.000



Forecast: DDE-Insectivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	0.000
10%	0.000
20%	0.000
30%	0.001
40%	0.001
50%	0.001
60%	0.002
70%	0.003
80%	0.004
90%	0.009
100%	0.912

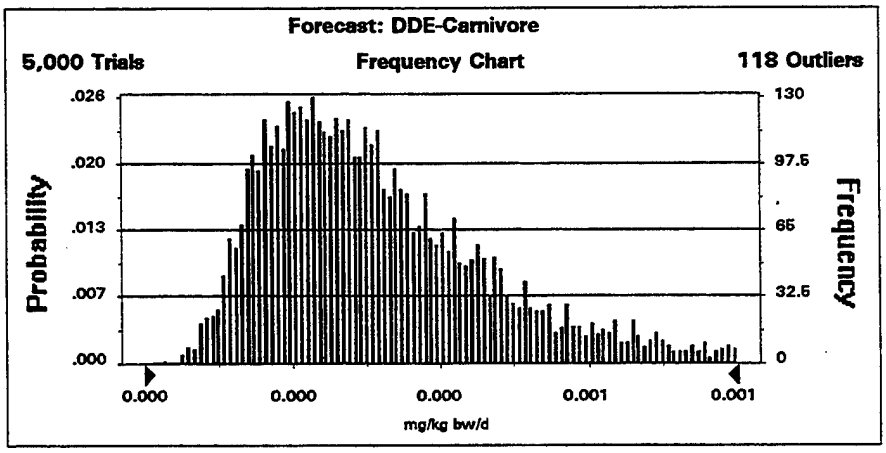
End of Forecast

Forecast: DDE-Carnivore

Summary:

Display Range is from 0.000 to 0.001 mg/kg bw/d
Entire Range is from 0.000 to 0.002 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.000

Statistics:	Value
Trials	5000
Mean	0.000
Median	0.000
Mode	---
Standard Deviation	0.000
Variance	0.000
Skewness	1.77
Kurtosis	8.55
Coeff. of Variability	0.55
Range Minimum	0.000
Range Maximum	0.002
Range Width	0.002
Mean Std. Error	0.000



Forecast: DDE-Carnivore (cont'd)

Percentiles:

Percentile	mg/kg bw/d
0%	0.000
10%	0.000
20%	0.000
30%	0.000
40%	0.000
50%	0.000
60%	0.000
70%	0.000
80%	0.000
90%	0.001
100%	0.002

End of Forecast

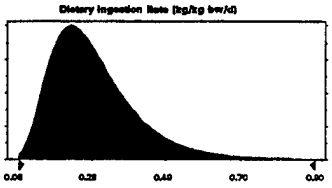
Assumptions

Assumption: Dietary Ingestion Rate (kg/kg bw/d)

Lognormal distribution with parameters:

Mean	0.29
Standard Dev.	0.12

Selected range is from 0.00 to 1.50
Mean value in simulation was 0.29

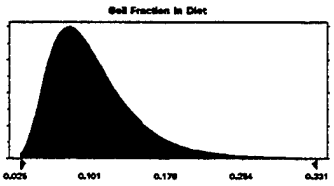


Assumption: Soil Fraction in Diet

Lognormal distribution with parameters:

Mean	0.099
Standard Dev.	0.045

Selected range is from 0.000 to 4.793
Mean value in simulation was 0.098

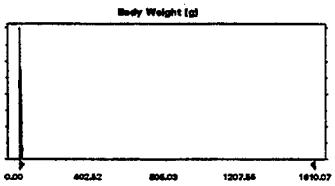


Assumption: Body Weight (g)

Lognormal distribution with parameters:

Mean	20.38
Standard Dev.	450.81

Selected range is from 0.00 to +Infinity
Mean value in simulation was 17.08

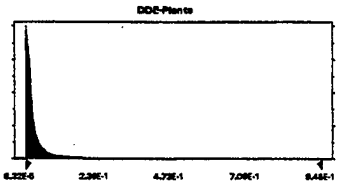


Assumption: DDE-Plants

Lognormal distribution with parameters:

Mean	2.98E-02
Standard Dev.	9.54E-02

Selected range is from 0.00E+0 to +Infinity
Mean value in simulation was 3.08E-2

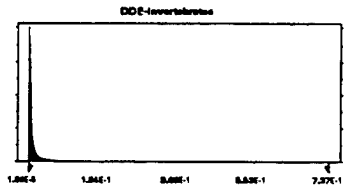


Assumption: DDE-Invertebrates

Lognormal distribution with parameters:

Mean	1.75E-02
Standard Dev.	8.14E-02

Selected range is from 0.00E+0 to +Infinity
Mean value in simulation was 1.89E-2

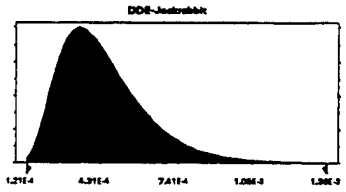


Assumption: DDE-Jackrabbit

Lognormal distribution with parameters:

Mean	4.41E-04
Standard Dev.	1.85E-04

Selected range is from 0.00E+0 to +Infinity
Mean value in simulation was 4.39E-4

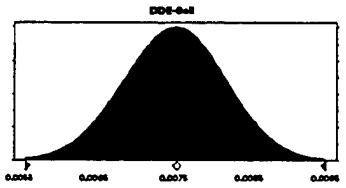


Assumption: DDE-Soil

Normal distribution with parameters:

Mean	0.0075
Standard Dev.	0.0007

Selected range is from 0.0000 to +Infinity
Mean value in simulation was 0.0075



End of Assumptions

Contribution of Dermal Absorption Towards Total COPC Intakes for Birds

Intakes for Bird Species with Different Dietary Preferences (mg/kg bw/day)								
	Diet and Soil Ingestion				Dermal, Diet and Soil Ingestion			
	Herbivore	Omnivore	Insectivore	Carnivore	Herbivore	Omnivore	Insectivore	Carnivore
Cadmium	6.560E-02	5.846E-02	6.781E-02	4.198E-02	6.561E-02	5.847E-02	6.782E-02	4.199E-02
Lead	6.760E+00	7.644E+00	6.562E+00	9.608E+00	6.762E+00	7.645E+00	6.564E+00	9.610E+00
DDE	1.330E-03	8.313E-04	1.007E-03	1.561E-04	1.331E-03	8.316E-04	1.008E-03	1.564E-04
RDX	1.701E-02	1.251E-02	1.060E-02	9.911E-03	1.701E-02	1.252E-02	1.063E-02	9.936E-03
OCDD	8.919E-05	8.747E-05	8.456E-05	8.867E-05	8.940E-05	8.768E-05	8.477E-05	8.888E-05

Used body weight (BW) and surface area (SA) for Bobwhite to estimate dermal

List of COPCs With a Detection Frequency of 0 and an HQ>=1 For Current Co-located Soil Data on a SWMU Basis

COPC [a]	Description	Location	Receptors (s)
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	SWMU[b] 45	Passerine birds
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	SWMU 45	Passerine birds
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	SWMU 37	Passerine birds
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	SWMU 45	Passerine birds
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	SWMU 45	Passerine birds
TL	Thallium	SWMU 10	Passerine birds, plants
TL	Thallium	SWMU 11	Passerine birds, plants
TL	Thallium	SWMU 12	Passerine birds, deer mice, plants
TL	Thallium	SWMU 15	Passerine birds, plants
TL	Thallium	SWMU 1b	Passerine birds, deer mice, plants
TL	Thallium	SWMU 1c	Passerine birds, deer mice, plants
TL	Thallium	SWMU 21	Passerine birds, plants
TL	Thallium	SWMU 37	Passerine birds, plants
TL	Thallium	SWMU 42	Passerine birds, deer mice, plants
TL	Thallium	SWMU 45	Passerine birds, deer mice, plants

[a]Contaminant of potential concern.

[b]Solid Waste Management Unit.

Note.–Above listed COPCs are risk drivers.

List of COPCs With a Detection Frequency of 0 and an HQ>=1 For Reference Study Area (RSA) - Current Co-located Soil Data

COPC [a]	Description	Location	Receptor(s)
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	RSA	Passerine birds
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	RSA	Passerine birds
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	RSA	Passerine birds, kit fox
TL	Thallium	RSA	Passerine birds, American kestrel, golden eagle, bald eagle, deer mice, jackrabbit, kit fox plants

[a]Contaminant of potential concern.

Note.–Above listed COPCs are risk drivers.

List of COPCs With a Detection Frequency of 0 and an HQ>=1 For Ecological Study Areas (ESAs) - Current Co-located Soil Data

COPC [a]	Description	Location	Receptor(s)
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	ESA-1	Passerine birds
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	ESA-1	Passerine birds
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	ESA-1	Passerine birds
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	ESA-2	Passerine birds
ICDPYR	Indeno[1,2,3-C,D]pyrene	ESA-1	Plants
TL	Thallium	ESA-1	Passerine birds,deer mice
TL	Thallium	ESA-2	Passerine birds, American kestrel

[a]Contaminant of potential concern.

Note.–Above listed COPCs are risk drivers.

List of COPCs With a Detection Frequency of 0 and and HQ>=1 For Explosives in Biota Data on a SWMU Basis

COPC [a]	Description	Location	Matrix	Receptor(s)
246TNT	2,4,6-Trinitrotoluene	SWMU[b] 37	Ambrosia	Deer mice
246TNT	2,4,6-Trinitrotoluene	SWMU 11	Gumweed	Deer mice
246TNT	2,4,6-Trinitrotoluene	SWMU 15	Gumweed	Deer mice, jackrabbit
246TNT	2,4,6-Trinitrotoluene	SWMU 1b	Gumweed	Deer mice
246TNT	2,4,6-Trinitrotoluene	SWMU 1c	Gumweed	Deer mice, jackrabbit
246TNT	2,4,6-Trinitrotoluene	SWMU 21	Gumweed	Deer mice
246TNT	2,4,6-Trinitrotoluene	SWMU 42	Gumweed	Deer mice, jackrabbit
246TNT	2,4,6-Trinitrotoluene	SWMU 45	Gumweed	Deer mice
246TNT	2,4,6-Trinitrotoluene	RSA[c]	Gumweed	Deer mice, mule deer, jackrabbit, kit fox
246TNT	2,4,6-Trinitrotoluene	SWMU 11	Rabbitbrush	Deer mice
246TNT	2,4,6-Trinitrotoluene	SWMU 12	Rabbitbrush	Deer mice
246TNT	2,4,6-Trinitrotoluene	SWMU 1b	Rabbitbrush	Deer mice
246TNT	2,4,6-Trinitrotoluene	SWMU 1c	Rabbitbrush	Deer mice, jackrabbit
246TNT	2,4,6-Trinitrotoluene	SWMU 37	Rabbitbrush	Deer mice
246TNT	2,4,6-Trinitrotoluene	SWMU 42	Rabbitbrush	Deer mice, jackrabbit
246TNT	2,4,6-Trinitrotoluene	SWMU 45	Rabbitbrush	Deer mice
RDX	RDX / Cyclonite	SWMU 37	Ambrosia	Deer mice
RDX	RDX / Cyclonite	SWMU 11	Gumweed	Deer mice
RDX	RDX / Cyclonite	SWMU 15	Gumweed	Deer mice, jackrabbit
RDX	RDX / Cyclonite	SWMU 1b	Gumweed	Deer mice
RDX	RDX / Cyclonite	SWMU 1c	Gumweed	Deer mice, jackrabbit
RDX	RDX / Cyclonite	SWMU 21	Gumweed	Deer mice
RDX	RDX / Cyclonite	SWMU 42	Gumweed	Deer mice, jackrabbit
RDX	RDX / Cyclonite	SWMU 45	Gumweed	Deer mice
RDX	RDX / Cyclonite	RSA	Gumweed	Deer mice, mule deer, jackrabbit, kit fox
RDX	RDX / Cyclonite	SWMU 11	Rabbitbrush	Deer mice
RDX	RDX / Cyclonite	SWMU 12	Rabbitbrush	Deer mice, jackrabbit
RDX	RDX / Cyclonite	SWMU 15	Rabbitbrush	Deer mice, mule deer, jackrabbit, kit fox
RDX	RDX / Cyclonite	SWMU 1b	Rabbitbrush	Deer mice
RDX	RDX / Cyclonite	SWMU 1c	Rabbitbrush	Deer mice, jackrabbit
RDX	RDX / Cyclonite	SWMU 21	Rabbitbrush	Deer mice, jackrabbit
RDX	RDX / Cyclonite	SWMU 37	Rabbitbrush	Deer mice, jackrabbit
RDX	RDX / Cyclonite	SWMU 42	Rabbitbrush	Deer mice, mule deer, jackrabbit
RDX	RDX / Cyclonite	SWMU 45	Rabbitbrush	Deer mice, jackrabbit
RDX	RDX / Cyclonite	RSA	Rabbitbrush	Deer mice, mule deer, jackrabbit, kit fox
RDX	RDX / Cyclonite	SWMU 12	Sweetclover	Deer mice
RDX	RDX / Cyclonite	SWMU 15	Sweetclover	Deer mice
RDX	RDX / Cyclonite	SWMU 37	Sweetclover	Deer mice
RDX	RDX / Cyclonite	SWMU 42	Sweetclover	Deer mice

[a]Contaminant of potential concern.

[b]Solid Waste Management Unit.

[c]Reference Study Area.

Note.–Above listed COPCs are risk drivers.

List of COPCs With a Detection Frequency of 0 and and HQ>=1 For Metals in Biota Data on a SWMU Basis

COPC [a]	Description	Location	Matrix	Receptor(s)
BA	*Barium*	*SWMU[b] 42*	*Jackrabbit*	*Passerines*
CD	*Cadmium*	*SWMU 15*	*Jackrabbit*	*Passerines*
CD	*Cadmium*	*SWMU 1b*	*Jackrabbit*	*Passerines*
CD	*Cadmium*	*SWMU 21*	*Jackrabbit*	*Passerines*
CD	*Cadmium*	*SWMU 42*	*Jackrabbit*	*Passerines*
CU	*Copper*	*SWMU 15*	*Jackrabbit*	*Passerines, American kestrel*
FE	Iron	SWMU 15	Gumweed	Deer mice
PB	*Lead*	*SWMU 11*	*Jackrabbit*	*Passerines*
PB	*Lead*	*SWMU 12*	*Jackrabbit*	*Passerines*
PB	*Lead*	*SWMU 15*	*Jackrabbit*	*Passerines*
PB	*Lead*	*SWMU 1c*	*Jackrabbit*	*Passerines*
PB	*Lead*	*SWMU 21*	*Jackrabbit*	*Passerines*
PB	*Lead*	*SWMU 42*	*Jackrabbit*	*Passerines, kit fox*
SB	*Antimony*	*SWMU 42*	*Jackrabbit*	*Kit fox*
ZN	*Zinc*	*SWMU 10*	*Jackrabbit*	*Passerines*
ZN	*Zinc*	*SWMU 11*	*Jackrabbit*	*Passerines*
ZN	*Zinc*	*SWMU 12*	*Jackrabbit*	*Passerines*
ZN	*Zinc*	*SWMU 15*	*Jackrabbit*	*Passerines, American kestrel*
ZN	*Zinc*	*SWMU 1b*	*Jackrabbit*	*Passerines*
ZN	*Zinc*	*SWMU 21*	*Jackrabbit*	*Passerines*

[a]Contaminant of potential concern.

[b]Solid Waste Management Unit.

Italics represent modeled or calculated data, or data based on 1/2 the method detection limit.

Note.–Above listed COPCs are risk drivers.

List of COPCs With a Detection Frequency of 0 and an HQ>=1 For Dioxins/Furans in Biota Data on a SWMU Basis

COPC [a]	Description	Location	Matrix	Receptor(s)
TOTAL HpCDD	Total Heptachlorodibenzodioxins	RSA[b]	Grasshopper	Kit fox
TOTAL HpCDF	Total Heptachlorodibenzofurans	SWMUs[c] 12/15	Grasshopper	Deer mice
TOTAL HpCDF	Total Heptachlorodibenzofurans	SWMUs 21/37	Grasshopper	Deer mice
TOTAL HxCDD	Total Hexachlorodibenzodioxins	SWMUs 12/15	Grasshopper	Deer mice
TOTAL HxCDD	Total Hexachlorodibenzodioxins	SWMUs 21/37	Grasshopper	Deer mice
TOTAL PeCDD	Total Pentachlorodibenzodioxins	RSA	Grasshopper	Kit fox
123478-HxCDD	*1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 10*	*Jackrabbit*	*Passerine birds*
123478-HxCDD	*1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 11*	*Jackrabbit*	*Passerine birds*
123478-HxCDD	*1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 12*	*Jackrabbit*	*Passerine birds*
123478-HxCDD	*1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 15*	*Jackrabbit*	*Passerine birds*
123478-HxCDD	*1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 1b*	*Jackrabbit*	*Passerine birds*
123478-HxCDD	*1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 1c*	*Jackrabbit*	*Passerine birds*
123478-HxCDD	*1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 21*	*Jackrabbit*	*Passerine birds*
123478-HxCDD	*1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 37*	*Jackrabbit*	*Passerine birds*
123478-HxCDD	*1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 42*	*Jackrabbit*	*Passerine birds*
123678-HxCDD	*1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 10*	*Jackrabbit*	*Passerine birds*
123678-HxCDD	*1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 11*	*Jackrabbit*	*Passerine birds*
123678-HxCDD	*1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 12*	*Jackrabbit*	*Passerine birds*
123678-HxCDD	*1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 15*	*Jackrabbit*	*Passerine birds*
123678-HxCDD	*1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 1b*	*Jackrabbit*	*Passerine birds*
123678-HxCDD	*1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 1c*	*Jackrabbit*	*Passerine birds*
123678-HxCDD	*1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 21*	*Jackrabbit*	*Passerine birds*
123678-HxCDD	*1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 37*	*Jackrabbit*	*Passerine birds*
123678-HxCDD	*1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin*	*SWMU 42*	*Jackrabbit*	*Passerine birds*
12378-PeCDD	*1,2,3,7,8-Pentachlorodibenzo-p-dioxin*	*SWMU 10*	*Jackrabbit*	*Passerine birds*
12378-PeCDD	*1,2,3,7,8-Pentachlorodibenzo-p-dioxin*	*SWMU 11*	*Jackrabbit*	*Passerine birds*
12378-PeCDD	*1,2,3,7,8-Pentachlorodibenzo-p-dioxin*	*SWMU 12*	*Jackrabbit*	*Passerine birds*
12378-PeCDD	*1,2,3,7,8-Pentachlorodibenzo-p-dioxin*	*SWMU 15*	*Jackrabbit*	*Passerine birds, American kestrel*
12378-PeCDD	*1,2,3,7,8-Pentachlorodibenzo-p-dioxin*	*SWMU 1b*	*Jackrabbit*	*Passerine birds*
12378-PeCDD	*1,2,3,7,8-Pentachlorodibenzo-p-dioxin*	*SWMU 1c*	*Jackrabbit*	*Passerine birds*
12378-PeCDD	*1,2,3,7,8-Pentachlorodibenzo-p-dioxin*	*SWMU 21*	*Jackrabbit*	*Passerine birds*
12378-PeCDD	*1,2,3,7,8-Pentachlorodibenzo-p-dioxin*	*SWMU 37*	*Jackrabbit*	*Passerine birds*
12378-PeCDD	*1,2,3,7,8-Pentachlorodibenzo-p-dioxin*	*SWMU 42*	*Jackrabbit*	*Passerine birds*
12378-PeCDF	*1,2,3,7,8-Pentachlorodibenzofuran*	*SWMU 10*	*Jackrabbit*	*Passerine birds*
12378-PeCDF	*1,2,3,7,8-Pentachlorodibenzofuran*	*SWMU 11*	*Jackrabbit*	*Passerine birds*
12378-PeCDF	*1,2,3,7,8-Pentachlorodibenzofuran*	*SWMU 12*	*Jackrabbit*	*Passerine birds*
12378-PeCDF	*1,2,3,7,8-Pentachlorodibenzofuran*	*SWMU 15*	*Jackrabbit*	*Passerine birds*
12378-PeCDF	*1,2,3,7,8-Pentachlorodibenzofuran*	*SWMU 1b*	*Jackrabbit*	*Passerine birds*
12378-PeCDF	*1,2,3,7,8-Pentachlorodibenzofuran*	*SWMU 1c*	*Jackrabbit*	*Passerine birds*
12378-PeCDF	*1,2,3,7,8-Pentachlorodibenzofuran*	*SWMU 21*	*Jackrabbit*	*Passerine birds*
12378-PeCDF	*1,2,3,7,8-Pentachlorodibenzofuran*	*SWMU 37*	*Jackrabbit*	*Passerine birds*
12378-PeCDF	*1,2,3,7,8-Pentachlorodibenzofuran*	*SWMU 42*	*Jackrabbit*	*Passerine birds*
234678-HxCDF	*2,3,4,6,7,8-Hexachlorodibenzofuran*	*SWMU 10*	*Jackrabbit*	*Passerine birds*
234678-HxCDF	*2,3,4,6,7,8-Hexachlorodibenzofuran*	*SWMU 11*	*Jackrabbit*	*Passerine birds*
234678-HxCDF	*2,3,4,6,7,8-Hexachlorodibenzofuran*	*SWMU 12*	*Jackrabbit*	*Passerine birds*
234678-HxCDF	*2,3,4,6,7,8-Hexachlorodibenzofuran*	*SWMU 15*	*Jackrabbit*	*Passerine birds*
234678-HxCDF	*2,3,4,6,7,8-Hexachlorodibenzofuran*	*SWMU 1b*	*Jackrabbit*	*Passerine birds*
234678-HxCDF	*2,3,4,6,7,8-Hexachlorodibenzofuran*	*SWMU 1c*	*Jackrabbit*	*Passerine birds*
234678-HxCDF	*2,3,4,6,7,8-Hexachlorodibenzofuran*	*SWMU 21*	*Jackrabbit*	*Passerine birds*
234678-HxCDF	*2,3,4,6,7,8-Hexachlorodibenzofuran*	*SWMU 37*	*Jackrabbit*	*Passerine birds*
234678-HxCDF	*2,3,4,6,7,8-Hexachlorodibenzofuran*	*SWMU 42*	*Jackrabbit*	*Passerine birds*
23478-PeCDF	*2,3,4,7,8-Pentachlorodibenzofuran*	*SWMU 10*	*Jackrabbit*	*Passerine birds*
23478-PeCDF	*2,3,4,7,8-Pentachlorodibenzofuran*	*SWMU 11*	*Jackrabbit*	*Passerine birds*
23478-PeCDF	*2,3,4,7,8-Pentachlorodibenzofuran*	*SWMU 12*	*Jackrabbit*	*Passerine birds*
23478-PeCDF	*2,3,4,7,8-Pentachlorodibenzofuran*	*SWMU 15*	*Jackrabbit*	*Passerine birds, American kestrel*
23478-PeCDF	*2,3,4,7,8-Pentachlorodibenzofuran*	*SWMU 1b*	*Jackrabbit*	*Passerine birds*
23478-PeCDF	*2,3,4,7,8-Pentachlorodibenzofuran*	*SWMU 1c*	*Jackrabbit*	*Passerine birds*
23478-PeCDF	*2,3,4,7,8-Pentachlorodibenzofuran*	*SWMU 21*	*Jackrabbit*	*Passerine birds*
23478-PeCDF	*2,3,4,7,8-Pentachlorodibenzofuran*	*SWMU 37*	*Jackrabbit*	*Passerine birds*
23478-PeCDF	*2,3,4,7,8-Pentachlorodibenzofuran*	*SWMU 42*	*Jackrabbit*	*Passerine birds*
TOTAL HpCDF	Total Heptachlorodibenzofurans	RSA	Gumweed	Deer mice

List of COPCs With a Detection Frequency of 0 and an HQ>=1 For Dioxins/Furans in Biota Data on a SWMU Basis (continued)

COPC [a]	Description	Location	Matrix	Receptor(s)
TOTAL HpCDF	*Total Heptachlorodibenzofurans*	*SWMU 15*	*Jackrabbit*	Kit fox
TOTAL HpCDF	*Total Heptachlorodibenzofurans*	*SWMU 42*	*Jackrabbit*	Kit fox
TOTAL HxCDD	Total Hexachlorodibenzodioxins	RSA	Gumweed	Deer mice
TOTAL HxCDD	*Total Hexachlorodibenzodioxins*	*SWMU 10*	*Jackrabbit*	*Passerine birds*
TOTAL HxCDD	*Total Hexachlorodibenzodioxins*	*SWMU 11*	*Jackrabbit*	*Passerine birds*
TOTAL HxCDD	*Total Hexachlorodibenzodioxins*	*SWMU 12*	*Jackrabbit*	*Passerine birds*
TOTAL HxCDD	*Total Hexachlorodibenzodioxins*	*SWMU 15*	*Jackrabbit*	*Passerine birds, kit fox*
TOTAL HxCDD	*Total Hexachlorodibenzodioxins*	*SWMU 1b*	*Jackrabbit*	*Passerine birds*
TOTAL HxCDD	*Total Hexachlorodibenzodioxins*	*SWMU 1c*	*Jackrabbit*	*Passerine birds*
TOTAL HxCDD	*Total Hexachlorodibenzodioxins*	*SWMU 21*	*Jackrabbit*	*Passerine birds*
TOTAL HxCDD	*Total Hexachlorodibenzodioxins*	*SWMU 37*	*Jackrabbit*	*Passerine birds*
TOTAL HxCDD	*Total Hexachlorodibenzodioxins*	*SWMU 42*	*Jackrabbit*	*Passerine birds, kit fox*
TOTAL HxCDF	*Total Hexachlorodibenzofurans*	*SWMU 10*	*Jackrabbit*	*Passerine birds*
TOTAL HxCDF	*Total Hexachlorodibenzofurans*	*SWMU 11*	*Jackrabbit*	*Passerine birds*
TOTAL HxCDF	*Total Hexachlorodibenzofurans*	*SWMU 12*	*Jackrabbit*	*Passerine birds*
TOTAL HxCDF	*Total Hexachlorodibenzofurans*	*SWMU 15*	*Jackrabbit*	*Passerine birds, kit fox*
TOTAL HxCDF	*Total Hexachlorodibenzofurans*	*SWMU 1b*	*Jackrabbit*	*Passerine birds*
TOTAL HxCDF	*Total Hexachlorodibenzofurans*	*SWMU 1c*	*Jackrabbit*	*Passerine birds*
TOTAL HxCDF	*Total Hexachlorodibenzofurans*	*SWMU 21*	*Jackrabbit*	*Passerine birds*
TOTAL HxCDF	*Total Hexachlorodibenzofurans*	*SWMU 37*	*Jackrabbit*	*Passerine birds*
TOTAL HxCDF	*Total Hexachlorodibenzofurans*	*SWMU 42*	*Jackrabbit*	*Passerine birds, kit fox*
TOTAL PeCDD	*Total Pentachlorodibenzodioxins*	*SWMU 10*	*Jackrabbit*	*Passerine birds*
TOTAL PeCDD	*Total Pentachlorodibenzodioxins*	*SWMU 11*	*Jackrabbit*	*Passerine birds*
TOTAL PeCDD	*Total Pentachlorodibenzodioxins*	*SWMU 12*	*Jackrabbit*	*Passerine birds*
TOTAL PeCDD	*Total Pentachlorodibenzodioxins*	*SWMU 15*	*Jackrabbit*	*Passerine birds, American kestrel, kit fox*
TOTAL PeCDD	*Total Pentachlorodibenzodioxins*	*SWMU 1b*	*Jackrabbit*	*Passerine birds*
TOTAL PeCDD	*Total Pentachlorodibenzodioxins*	*SWMU 1c*	*Jackrabbit*	*Passerine birds*
TOTAL PeCDD	*Total Pentachlorodibenzodioxins*	*SWMU 21*	*Jackrabbit*	*Passerine birds*
TOTAL PeCDD	*Total Pentachlorodibenzodioxins*	*SWMU 37*	*Jackrabbit*	*Passerine birds*
TOTAL PeCDD	*Total Pentachlorodibenzodioxins*	*SWMU 42*	*Jackrabbit*	*Passerine birds, kit fox*
TOTAL PeCDF	*Total Pentachlorodibenzofurans*	*SWMU 10*	*Jackrabbit*	*Passerine birds*
TOTAL PeCDF	*Total Pentachlorodibenzofurans*	*SWMU 11*	*Jackrabbit*	*Passerine birds*
TOTAL PeCDF	*Total Pentachlorodibenzofurans*	*SWMU 12*	*Jackrabbit*	*Passerine birds*
TOTAL PeCDF	*Total Pentachlorodibenzofurans*	*SWMU 15*	*Jackrabbit*	*Passerine birds, American kestrel, kit fox*
TOTAL PeCDF	*Total Pentachlorodibenzofurans*	*SWMU 1b*	*Jackrabbit*	*Passerine birds*
TOTAL PeCDF	*Total Pentachlorodibenzofurans*	*SWMU 1c*	*Jackrabbit*	*Passerine birds*
TOTAL PeCDF	*Total Pentachlorodibenzofurans*	*SWMU 21*	*Jackrabbit*	*Passerine birds*
TOTAL PeCDF	*Total Pentachlorodibenzofurans*	*SWMU 37*	*Jackrabbit*	*Passerine birds*
TOTAL PeCDF	*Total Pentachlorodibenzofurans*	*SWMU 42*	*Jackrabbit*	*Passerine birds, kit fox*

[a]Contaminant of potential concern.

[b]Reference Study Area.

[c]Solid Waste Management Unit.

Italics represent modeled or calculated data, or data based on 1/2 the method detection limit.

Note.–Above listed COPCs are risk drivers.