

Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
Surface Soil (µg/kg)							
B131-008	03F0329-006	1234678-HpCDF	0.0092	Yes	V	0.01	9.20E-05
B131-008	03F0329-006	1234789-HpCDF	0.0012	Yes	JB	0.01	1.20E-05
B131-008	03F0329-006	123478-HxCDD	0.0005	Yes	JB	0.1	5.00E-05
B131-008	03F0329-006	123478-HxCDF	0.0052	Yes	V	0.1	5.20E-04
B131-008	03F0329-006	123678-HxCDD	0.0011	Yes	JB	0.1	1.10E-04
B131-008	03F0329-006	123678-HxCDF	0.0018	Yes	JB	0.1	1.80E-04
B131-008	03F0329-006	123789-HxCDD	0.0012	Yes	JB	0.1	1.20E-04
B131-008	03F0329-006	123789-HxCDF	0.00019	Yes	JB	0.1	1.90E-05
B131-008	03F0329-006	12378-PeCDF	0.0018	Yes	JB	0.05	9.00E-05
B131-008	03F0329-006	234678-HxCDF	0.002	Yes	JB	0.1	2.00E-04
B131-008	03F0329-006	23478-PeCDF	0.0033	Yes	JB	0.5	1.65E-03
B131-008	03F0329-006	2378-TCDD	0.00038	Yes	V	1	3.80E-04
B131-008	03F0329-006	2378-TCDF	0.0029	Yes	V	0.1	2.90E-04
B131-008	03F0329-006	Heptachlorodibenzo-p-dioxin	0.017	Yes	V	0.01	1.70E-04
B131-008	03F0329-006	OCDD	0.13	Yes	V	0.0001	1.30E-05
B131-008	03F0329-006	OCDF	0.012	Yes	V	0.0001	1.20E-06
B131-008	03F0329-006	Pentachlorodibenzo-p-dioxin	0.0004	Yes	JB	1	4.00E-04
Total 2,3,7,8-TCDD TEQ Concentration for Sample 03F0329-006:							4.30E-03
B131-009-01	03F0329-004	1234678-HpCDF	0.0026	Yes	V	0.01	2.60E-05
B131-009-01	03F0329-004	1234789-HpCDF	0.00044	Yes	JB	0.01	4.40E-06
B131-009-01	03F0329-004	123478-HxCDD	0.00017	No	V	0.1	0
B131-009-01	03F0329-004	123478-HxCDF	0.0012	Yes	V	0.1	1.20E-04
B131-009-01	03F0329-004	123678-HxCDD	0.00041	Yes	JB	0.1	4.10E-05
B131-009-01	03F0329-004	123678-HxCDF	0.00044	Yes	JB	0.1	4.40E-05
B131-009-01	03F0329-004	123789-HxCDD	0.00039	Yes	JB	0.1	3.90E-05
B131-009-01	03F0329-004	123789-HxCDF	0.00011	No	V	0.1	0
B131-009-01	03F0329-004	12378-PeCDF	0.00029	Yes	JB	0.05	1.45E-05
B131-009-01	03F0329-004	234678-HxCDF	0.00055	Yes	JB	0.1	5.50E-05
B131-009-01	03F0329-004	23478-PeCDF	0.00064	Yes	JB	0.5	3.20E-04
B131-009-01	03F0329-004	2378-TCDD	0.00029	No	V	1	0
B131-009-01	03F0329-004	2378-TCDF	0.00087	Yes	V	0.1	8.70E-05
B131-009-01	03F0329-004	Heptachlorodibenzo-p-dioxin	0.0068	Yes	V	0.01	6.80E-05
B131-009-01	03F0329-004	OCDD	0.054	Yes	V	0.0001	5.40E-06
B131-009-01	03F0329-004	OCDF	0.0045	Yes	V	0.0001	4.50E-07
B131-009-01	03F0329-004	Pentachlorodibenzo-p-dioxin	0.00014	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 03F0329-004:							8.25E-04
B131-010	03F0329-002	1234678-HpCDF	0.051	Yes	V	0.01	5.10E-04
B131-010	03F0329-002	1234789-HpCDF	0.003	Yes	V	0.01	3.00E-05
B131-010	03F0329-002	123478-HxCDD	0.0012	Yes	JB	0.1	1.20E-04
B131-010	03F0329-002	123478-HxCDF	0.0027	Yes	V	0.1	2.70E-03
B131-010	03F0329-002	123678-HxCDD	0.0019	Yes	V	0.1	1.90E-04
B131-010	03F0329-002	123678-HxCDF	0.01	Yes	V	0.1	1.00E-03
B131-010	03F0329-002	123789-HxCDD	0.0027	Yes	V	0.1	2.70E-04
B131-010	03F0329-002	123789-HxCDF	0.00047	Yes	JB	0.1	4.70E-05
B131-010	03F0329-002	12378-PeCDF	0.0054	Yes	V	0.05	2.70E-04
B131-010	03F0329-002	234678-HxCDF	0.0081	Yes	V	0.1	8.10E-04
B131-010	03F0329-002	23478-PeCDF	0.0076	Yes	V	0.5	3.80E-03
B131-010	03F0329-002	2378-TCDD	0.00023	Yes	V	1	2.30E-04
B131-010	03F0329-002	2378-TCDF	0.0046	Yes	V	0.1	4.60E-04
B131-010	03F0329-002	Heptachlorodibenzo-p-dioxin	0.016	Yes	V	0.01	1.60E-04
B131-010	03F0329-002	OCDD	0.09	Yes	V	0.0001	9.00E-06
B131-010	03F0329-002	OCDF	0.02	Yes	V	0.0001	2.00E-06
B131-010	03F0329-002	Pentachlorodibenzo-p-dioxin	0.00076	Yes	JB	1	7.60E-04
Total 2,3,7,8-TCDD TEQ Concentration for Sample 03F0329-002:							1.14E-02

Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
BI31-011	03F0329-003	1234678-HpCDF	0.24	Yes	V	0.01	2.40E-03
BI31-011	03F0329-003	1234789-HpCDF	0.025	Yes	V	0.01	2.50E-04
BI31-011	03F0329-003	123478-HxCDD	0.0073	Yes	V	0.1	7.30E-04
BI31-011	03F0329-003	123478-HxCDF	0.14	Yes	V	0.1	1.40E-02
BI31-011	03F0329-003	123678-HxCDD	0.012	Yes	V	0.1	1.20E-03
BI31-011	03F0329-003	123678-HxCDF	0.043	Yes	V	0.1	4.30E-03
BI31-011	03F0329-003	123789-HxCDD	0.021	Yes	V	0.1	2.10E-03
BI31-011	03F0329-003	123789-HxCDF	0.0025	Yes	V	0.1	2.50E-04
BI31-011	03F0329-003	12378-PeCDF	0.028	Yes	V	0.05	1.40E-03
BI31-011	03F0329-003	234678-HxCDF	0.063	Yes	V	0.1	6.30E-03
BI31-011	03F0329-003	23478-PeCDF	0.056	Yes	V	0.5	2.80E-02
BI31-011	03F0329-003	2378-TCDD	0.0019	Yes	V	1	1.90E-03
BI31-011	03F0329-003	2378-TCDF	0.028	Yes	V	0.1	2.80E-03
BI31-011	03F0329-003	Heptachlorodibenzo-p-dioxin	0.11	Yes	V	0.01	1.10E-03
BI31-011	03F0329-003	OCDD	0.39	Yes	V	0.0001	3.90E-05
BI31-011	03F0329-003	OCDF	0.14	Yes	V	0.0001	1.40E-05
BI31-011	03F0329-003	Pentachlorodibenzo-p-dioxin	0.0071	Yes	V	1	7.10E-03
Total 2,3,7,8-TCDD TEQ Concentration for Sample 03F0329-003:							7.39E-02

BI31-012	03F2087-001	1234678-HpCDF	0.0061	Yes	V1	0.01	6.10E-05
BI31-012	03F2087-001	1234789-HpCDF	0.00088	Yes	V1	0.01	8.80E-06
BI31-012	03F2087-001	123478-HxCDD	0.00034	Yes	V1	0.1	3.40E-05
BI31-012	03F2087-001	123478-HxCDF	0.0027	Yes	V1	0.1	2.70E-04
BI31-012	03F2087-001	123678-HxCDD	0.001	Yes	V1	0.1	1.00E-04
BI31-012	03F2087-001	123678-HxCDF	0.00092	Yes	V1	0.1	9.20E-05
BI31-012	03F2087-001	123789-HxCDD	0.001	Yes	V1	0.1	1.00E-04
BI31-012	03F2087-001	123789-HxCDF	0.00014	No	V1	0.1	0
BI31-012	03F2087-001	12378-PeCDF	0.00062	Yes	V1	0.05	3.10E-05
BI31-012	03F2087-001	234678-HxCDF	0.0012	Yes	V1	0.1	1.20E-04
BI31-012	03F2087-001	23478-PeCDF	0.001	Yes	V1	0.5	5.00E-04
BI31-012	03F2087-001	2378-TCDD	0.00055	Yes	V1	1	5.50E-04
BI31-012	03F2087-001	2378-TCDF	0.001	Yes	V1	0.1	1.00E-04
BI31-012	03F2087-001	Heptachlorodibenzo-p-dioxin	0.015	Yes	V1	0.01	1.50E-04
BI31-012	03F2087-001	OCDD	0.13	Yes	V1	0.0001	1.30E-05
BI31-012	03F2087-001	OCDF	0.011	Yes	V1	0.0001	1.10E-06
BI31-012	03F2087-001	Pentachlorodibenzo-p-dioxin	0.00032	Yes	V1	1	3.20E-04
Total 2,3,7,8-TCDD TEQ Concentration for Sample 03F2087-001:							2.45E-03

BI31-013	03F2087-002	1234678-HpCDF	0.016	Yes	V1	0.01	1.60E-04
BI31-013	03F2087-002	1234789-HpCDF	0.0014	Yes	V1	0.01	1.40E-05
BI31-013	03F2087-002	123478-HxCDD	0.00059	Yes	V1	0.1	5.90E-05
BI31-013	03F2087-002	123478-HxCDF	0.0085	Yes	V1	0.1	8.50E-04
BI31-013	03F2087-002	123678-HxCDD	0.0012	Yes	V1	0.1	1.20E-04
BI31-013	03F2087-002	123678-HxCDF	0.0033	Yes	V1	0.1	3.30E-04
BI31-013	03F2087-002	123789-HxCDD	0.0016	Yes	V1	0.1	1.60E-04
BI31-013	03F2087-002	123789-HxCDF	0.00029	Yes	V1	0.1	2.90E-05
BI31-013	03F2087-002	12378-PeCDF	0.0022	Yes	V1	0.05	1.10E-04
BI31-013	03F2087-002	234678-HxCDF	0.004	Yes	V1	0.1	4.00E-04
BI31-013	03F2087-002	23478-PeCDF	0.0037	Yes	V1	0.5	1.85E-03
BI31-013	03F2087-002	2378-TCDD	0.00061	Yes	V1	1	6.10E-04
BI31-013	03F2087-002	2378-TCDF	0.0022	Yes	V1	0.1	2.20E-04
BI31-013	03F2087-002	Heptachlorodibenzo-p-dioxin	0.015	Yes	V1	0.01	1.50E-04
BI31-013	03F2087-002	OCDD	0.085	Yes	V1	0.0001	8.50E-06
BI31-013	03F2087-002	OCDF	0.012	Yes	V1	0.0001	1.20E-06
BI31-013	03F2087-002	Pentachlorodibenzo-p-dioxin	0.00056	Yes	V1	1	5.60E-04
Total 2,3,7,8-TCDD TEQ Concentration for Sample 03F2087-002:							5.63E-03

Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
BI31-015	04F0058-001	1234678-HpCDF	0.00264	No	V	0.01	0
BI31-015	04F0058-001	1234789-HpCDF	0.00264	No	V	0.01	0
BI31-015	04F0058-001	123478-HxCDD	0.00264	No	V	0.1	0
BI31-015	04F0058-001	123478-HxCDF	0.00264	No	V	0.1	0
BI31-015	04F0058-001	123678-HxCDD	0.00264	No	V	0.1	0
BI31-015	04F0058-001	123678-HxCDF	0.00264	No	V	0.1	0
BI31-015	04F0058-001	123789-HxCDD	0.00264	No	V	0.1	0
BI31-015	04F0058-001	123789-HxCDF	0.00264	No	V	0.1	0
BI31-015	04F0058-001	12378-PeCDF	0.00264	No	V	0.05	0
BI31-015	04F0058-001	234678-HxCDF	0.00264	No	V	0.1	0
BI31-015	04F0058-001	23478-PeCDF	0.00264	No	V	0.5	0
BI31-015	04F0058-001	2378-TCDD	0.00106	No	V	1	0
BI31-015	04F0058-001	2378-TCDF	0.00106	No	V	0.1	0
BI31-015	04F0058-001	Heptachlorodibenzo-p-dioxin	0.00264	No	V	0.01	0
BI31-015	04F0058-001	OCDD	0.000415	Yes	JB	0.0001	4.15E-08
BI31-015	04F0058-001	OCDF	0.0000719	Yes	V	0.0001	7.19E-09
BI31-015	04F0058-001	Pentachlorodibenzo-p-dioxin	0.00264	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F0058-001:							4.87E-08

BI31-016	04F0058-002	1234678-HpCDF	0.000235	Yes	V	0.01	2.35E-06
BI31-016	04F0058-002	1234789-HpCDF	0.00269	No	V	0.01	0
BI31-016	04F0058-002	123478-HxCDD	0.00269	No	V	0.1	0
BI31-016	04F0058-002	123478-HxCDF	0.00269	No	V	0.1	0
BI31-016	04F0058-002	123678-HxCDD	0.00269	No	V	0.1	0
BI31-016	04F0058-002	123678-HxCDF	0.00269	No	V	0.1	0
BI31-016	04F0058-002	123789-HxCDD	0.00022	Yes	V	0.1	2.20E-05
BI31-016	04F0058-002	123789-HxCDF	0.00269	No	V	0.1	0
BI31-016	04F0058-002	12378-PeCDF	0.00269	No	V	0.05	0
BI31-016	04F0058-002	234678-HxCDF	0.00269	No	V	0.1	0
BI31-016	04F0058-002	23478-PeCDF	0.00269	No	V	0.5	0
BI31-016	04F0058-002	2378-TCDD	0.0000259	Yes	V	1	2.59E-05
BI31-016	04F0058-002	2378-TCDF	0.00108	No	V	0.1	0
BI31-016	04F0058-002	Heptachlorodibenzo-p-dioxin	0.000248	Yes	V	0.01	2.48E-06
BI31-016	04F0058-002	OCDD	0.00208	Yes	JB	0.0001	2.08E-07
BI31-016	04F0058-002	OCDF	0.000358	Yes	V	0.0001	3.58E-08
BI31-016	04F0058-002	Pentachlorodibenzo-p-dioxin	0.00269	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F0058-002:							5.30E-05

BJ31-005	03F2087-004	1234678-HpCDF	0.0099	Yes	V1	0.01	9.90E-05
BJ31-005	03F2087-004	1234789-HpCDF	0.00071	Yes	V1	0.01	7.10E-06
BJ31-005	03F2087-004	123478-HxCDD	0.00072	Yes	V1	0.1	7.20E-05
BJ31-005	03F2087-004	123478-HxCDF	0.0048	Yes	V1	0.1	4.80E-04
BJ31-005	03F2087-004	123678-HxCDD	0.0014	Yes	V1	0.1	1.40E-04
BJ31-005	03F2087-004	123678-HxCDF	0.0018	Yes	V1	0.1	1.80E-04
BJ31-005	03F2087-004	123789-HxCDD	0.0012	Yes	V1	0.1	1.20E-04
BJ31-005	03F2087-004	123789-HxCDF	0.00026	No	V1	0.1	0
BJ31-005	03F2087-004	12378-PeCDF	0.0011	Yes	V1	0.05	5.50E-05
BJ31-005	03F2087-004	234678-HxCDF	0.0022	Yes	V1	0.1	2.20E-04
BJ31-005	03F2087-004	23478-PeCDF	0.0017	Yes	V1	0.5	8.50E-04
BJ31-005	03F2087-004	2378-TCDD	0.00028	Yes	V1	1	2.80E-04
BJ31-005	03F2087-004	2378-TCDF	0.0012	Yes	V1	0.1	1.20E-04
BJ31-005	03F2087-004	Heptachlorodibenzo-p-dioxin	0.02	Yes	V1	0.01	2.00E-04
BJ31-005	03F2087-004	OCDD	0.17	Yes	J1	0.0001	1.70E-05
BJ31-005	03F2087-004	OCDF	0.011	Yes	V1	0.0001	1.10E-06
BJ31-005	03F2087-004	Pentachlorodibenzo-p-dioxin	0.00045	Yes	V1	1	4.50E-04
Total 2,3,7,8-TCDD TEQ Concentration for Sample 03F2087-004:							3.29E-03

Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
BJ31-006	03F2087-005	1234678-HpCDF	0.013	Yes	V1	0.01	1.30E-04
BJ31-006	03F2087-005	1234789-HpCDF	0.0013	Yes	V1	0.01	1.30E-05
BJ31-006	03F2087-005	123478-HxCDD	0.00055	Yes	V1	0.1	5.50E-05
BJ31-006	03F2087-005	123478-HxCDF	0.0054	Yes	V1	0.1	5.40E-04
BJ31-006	03F2087-005	123678-HxCDD	0.0016	Yes	V1	0.1	1.60E-04
BJ31-006	03F2087-005	123678-HxCDF	0.0021	Yes	V1	0.1	2.10E-04
BJ31-006	03F2087-005	123789-HxCDD	0.0012	Yes	V1	0.1	1.20E-04
BJ31-006	03F2087-005	123789-HxCDF	0.00036	No	V1	0.1	0
BJ31-006	03F2087-005	12378-PeCDF	0.0013	Yes	V1	0.05	6.50E-05
BJ31-006	03F2087-005	234678-HxCDF	0.0025	Yes	V1	0.1	2.50E-04
BJ31-006	03F2087-005	23478-PeCDF	0.002	Yes	V1	0.5	1.00E-03
BJ31-006	03F2087-005	2378-TCDD	0.00022	No	V1	1	0
BJ31-006	03F2087-005	2378-TCDF	0.0013	Yes	V1	0.1	1.30E-04
BJ31-006	03F2087-005	Heptachlorodibenzo-p-dioxin	0.02	Yes	V1	0.01	2.00E-04
BJ31-006	03F2087-005	OCDD	0.15	Yes	J1	0.0001	1.50E-05
BJ31-006	03F2087-005	OCDF	0.012	Yes	V1	0.0001	1.20E-06
BJ31-006	03F2087-005	Pentachlorodibenzo-p-dioxin	0.00062	Yes	V1	1	6.20E-04
Total 2,3,7,8-TCDD TEQ Concentration for Sample 03F2087-005:							3.51E-03

BT38-001	02E0015-005	1234678-HpCDF	0.0057	Yes	V	0.01	5.70E-05
BT38-001	02E0015-005	1234789-HpCDF	0.00033	No	V	0.01	0
BT38-001	02E0015-005	123478-HxCDD	0.0003	No	V	0.1	0
BT38-001	02E0015-005	123478-HxCDF	0.00054	Yes	JB	0.1	5.40E-05
BT38-001	02E0015-005	123678-HxCDD	0.00097	Yes	V	0.1	9.70E-05
BT38-001	02E0015-005	123678-HxCDF	0.00043	Yes	JB	0.1	4.30E-05
BT38-001	02E0015-005	123789-HxCDD	0.00028	No	V	0.1	0
BT38-001	02E0015-005	123789-HxCDF	0.00016	No	V	0.1	0
BT38-001	02E0015-005	12378-PeCDF	0.0012	Yes	V	0.05	6.00E-05
BT38-001	02E0015-005	234678-HxCDF	0.00043	Yes	V	0.1	4.30E-05
BT38-001	02E0015-005	23478-PeCDF	0.00065	Yes	V	0.5	3.25E-04
BT38-001	02E0015-005	2378-TCDD	0.0056	Yes	V	1	5.60E-03
BT38-001	02E0015-005	2378-TCDF	0.0038	Yes	V	0.1	3.80E-04
BT38-001	02E0015-005	Heptachlorodibenzo-p-dioxin	0.023	Yes	V	0.01	2.30E-04
BT38-001	02E0015-005	OCDD	0.18	Yes	V	0.0001	1.80E-05
BT38-001	02E0015-005	OCDF	0.0089	Yes	V	0.0001	8.90E-07
BT38-001	02E0015-005	Pentachlorodibenzo-p-dioxin	0.00065	Yes	V	1	6.50E-04
Total 2,3,7,8-TCDD TEQ Concentration for Sample 02E0015-005:							7.56E-03

BT38-002	02E0015-006	1234678-HpCDF	0.0035	Yes	V	0.01	3.50E-05
BT38-002	02E0015-006	1234789-HpCDF	0.00051	No	V	0.01	0
BT38-002	02E0015-006	123478-HxCDD	0.00038	No	V	0.1	0
BT38-002	02E0015-006	123478-HxCDF	0.00053	Yes	JB	0.1	5.30E-05
BT38-002	02E0015-006	123678-HxCDD	0.00084	Yes	V	0.1	8.40E-05
BT38-002	02E0015-006	123678-HxCDF	0.00053	Yes	V	0.1	5.30E-05
BT38-002	02E0015-006	123789-HxCDD	0.00063	Yes	V	0.1	6.30E-05
BT38-002	02E0015-006	123789-HxCDF	0.00026	No	V	0.1	0
BT38-002	02E0015-006	12378-PeCDF	0.0003	No	V	0.05	0
BT38-002	02E0015-006	234678-HxCDF	0.00023	No	V	0.1	0
BT38-002	02E0015-006	23478-PeCDF	0.00042	Yes	V	0.5	2.10E-04
BT38-002	02E0015-006	2378-TCDD	0.0035	Yes	V	1	3.50E-03
BT38-002	02E0015-006	2378-TCDF	0.0026	Yes	V	0.1	2.60E-04
BT38-002	02E0015-006	Heptachlorodibenzo-p-dioxin	0.013	Yes	V	0.01	1.30E-04
BT38-002	02E0015-006	OCDD	0.088	Yes	V	0.0001	8.80E-06
BT38-002	02E0015-006	OCDF	0.016	Yes	V	0.0001	1.60E-06
BT38-002	02E0015-006	Pentachlorodibenzo-p-dioxin	0.00063	Yes	V	1	6.30E-04
Total 2,3,7,8-TCDD TEQ Concentration for Sample 02E0015-006:							5.03E-03

Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
BT38-002	02E0015-007	1234678-HpCDF	0.0034	Yes	V	0.01	3.40E-05
BT38-002	02E0015-007	1234789-HpCDF	0.00032	No	V	0.01	0
BT38-002	02E0015-007	123478-HxCDD	0.00026	No	V	0.1	0
BT38-002	02E0015-007	123478-HxCDF	0.00067	Yes	JB	0.1	6.70E-05
BT38-002	02E0015-007	123678-HxCDD	0.00067	Yes	V	0.1	6.70E-05
BT38-002	02E0015-007	123678-HxCDF	0.00055	Yes	JB	0.1	5.50E-05
BT38-002	02E0015-007	123789-HxCDD	0.00067	Yes	V	0.1	6.70E-05
BT38-002	02E0015-007	123789-HxCDF	0.00018	No	V	0.1	0
BT38-002	02E0015-007	12378-PeCDF	0.00089	Yes	V	0.05	4.45E-05
BT38-002	02E0015-007	234678-HxCDF	0.00044	Yes	V	0.1	4.40E-05
BT38-002	02E0015-007	23478-PeCDF	0.00044	Yes	V	0.5	2.20E-04
BT38-002	02E0015-007	2378-TCDD	0.0068	Yes	V	1	6.80E-03
BT38-002	02E0015-007	2378-TCDF	0.0042	Yes	V	0.1	4.20E-04
BT38-002	02E0015-007	Heptachlorodibenzo-p-dioxin	0.0085	Yes	V	0.01	8.50E-05
BT38-002	02E0015-007	OCDD	0.057	Yes	V	0.0001	5.70E-06
BT38-002	02E0015-007	OCDF	0.0037	Yes	JB	0.0001	3.70E-07
BT38-002	02E0015-007	Pentachlorodibenzo-p-dioxin	0.00067	Yes	V	1	6.70E-04
Total 2,3,7,8-TCDD TEQ Concentration for Sample 02E0015-007:							8.58E-03

BT39-001	02E0015-001	1234678-HpCDF	0.0062	Yes	V	0.01	6.20E-05
BT39-001	02E0015-001	1234789-HpCDF	0.00015	No	V	0.01	0
BT39-001	02E0015-001	123478-HxCDD	0.00023	Yes	JB	0.1	2.30E-05
BT39-001	02E0015-001	123478-HxCDF	0.00068	Yes	JB	0.1	6.80E-05
BT39-001	02E0015-001	123678-HxCDD	0.00056	Yes	V	0.1	5.60E-05
BT39-001	02E0015-001	123678-HxCDF	0.0009	Yes	JB	0.1	9.00E-05
BT39-001	02E0015-001	123789-HxCDD	0.00045	Yes	V	0.1	4.50E-05
BT39-001	02E0015-001	123789-HxCDF	0.000095	No	V	0.1	0
BT39-001	02E0015-001	12378-PeCDF	0.00079	Yes	V	0.05	3.95E-05
BT39-001	02E0015-001	234678-HxCDF	0.00034	Yes	V	0.1	3.40E-05
BT39-001	02E0015-001	23478-PeCDF	0.00056	Yes	V	0.5	2.80E-04
BT39-001	02E0015-001	2378-TCDD	0.0035	Yes	V	1	3.50E-03
BT39-001	02E0015-001	2378-TCDF	0.0036	Yes	V	0.1	3.60E-04
BT39-001	02E0015-001	Heptachlorodibenzo-p-dioxin	0.011	Yes	V	0.01	1.10E-04
BT39-001	02E0015-001	OCDD	0.084	Yes	V	0.0001	8.40E-06
BT39-001	02E0015-001	OCDF	0.0051	Yes	JB	0.0001	5.10E-07
BT39-001	02E0015-001	Pentachlorodibenzo-p-dioxin	0.00056	Yes	V	1	5.60E-04
Total 2,3,7,8-TCDD TEQ Concentration for Sample 02E0015-001:							5.24E-03

BT39-002	02E0015-002	1234678-HpCDF	0.0038	Yes	V	0.01	3.80E-05
BT39-002	02E0015-002	1234789-HpCDF	0.00034	Yes	JB	0.01	3.40E-06
BT39-002	02E0015-002	123478-HxCDD	0.00022	Yes	JB	0.1	2.20E-05
BT39-002	02E0015-002	123478-HxCDF	0.00045	Yes	JB	0.1	4.50E-05
BT39-002	02E0015-002	123678-HxCDD	0.00056	Yes	V	0.1	5.60E-05
BT39-002	02E0015-002	123678-HxCDF	0.00067	Yes	JB	0.1	6.70E-05
BT39-002	02E0015-002	123789-HxCDD	0.00079	Yes	V	0.1	7.90E-05
BT39-002	02E0015-002	123789-HxCDF	0.00022	Yes	JB	0.1	2.20E-05
BT39-002	02E0015-002	12378-PeCDF	0.00014	No	V	0.05	0
BT39-002	02E0015-002	234678-HxCDF	0.00034	Yes	V	0.1	3.40E-05
BT39-002	02E0015-002	23478-PeCDF	0.00014	No	V	0.5	0
BT39-002	02E0015-002	2378-TCDD	0.0016	Yes	V	1	1.60E-03
BT39-002	02E0015-002	2378-TCDF	0.00079	Yes	V	0.1	7.90E-05
BT39-002	02E0015-002	Heptachlorodibenzo-p-dioxin	0.014	Yes	V	0.01	1.40E-04
BT39-002	02E0015-002	OCDD	0.076	Yes	V	0.0001	7.60E-06
BT39-002	02E0015-002	OCDF	0.0055	Yes	JB	0.0001	5.50E-07
BT39-002	02E0015-002	Pentachlorodibenzo-p-dioxin	0.00045	Yes	V	1	4.50E-04
Total 2,3,7,8-TCDD TEQ Concentration for Sample 02E0015-002:							2.64E-03

Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
BT39-003	02E0015-003	1234678-HpCDF	0.0087	Yes	V	0.01	8.70E-05
BT39-003	02E0015-003	1234789-HpCDF	0.00027	No	V	0.01	0
BT39-003	02E0015-003	123478-HxCDD	0.00047	Yes	JB	0.1	4.70E-05
BT39-003	02E0015-003	123478-HxCDF	0.0015	Yes	JB	0.1	1.50E-04
BT39-003	02E0015-003	123678-HxCDD	0.0012	Yes	V	0.1	1.20E-04
BT39-003	02E0015-003	123678-HxCDF	0.0012	Yes	JB	0.1	1.20E-04
BT39-003	02E0015-003	123789-HxCDD	0.0011	Yes	V	0.1	1.10E-04
BT39-003	02E0015-003	123789-HxCDF	0.00015	No	V	0.1	0
BT39-003	02E0015-003	12378-PeCDF	0.0043	Yes	V	0.05	2.15E-04
BT39-003	02E0015-003	234678-HxCDF	0.00082	Yes	V	0.1	8.20E-05
BT39-003	02E0015-003	23478-PeCDF	0.0019	Yes	V	0.5	9.50E-04
BT39-003	02E0015-003	2378-TCDD	0.0066	Yes	V	1	6.60E-03
BT39-003	02E0015-003	2378-TCDF	0.012	Yes	V	0.1	1.20E-03
BT39-003	02E0015-003	Heptachlorodibenzo-p-dioxin	0.033	Yes	V	0.01	3.30E-04
BT39-003	02E0015-003	OCDD	0.29	Yes	V	0.0001	2.90E-05
BT39-003	02E0015-003	OCDF	0.011	Yes	V	0.0001	1.10E-06
BT39-003	02E0015-003	Pentachlorodibenzo-p-dioxin	0.00082	Yes	V	1	8.20E-04
Total 2,3,7,8-TCDD TEQ Concentration for Sample 02E0015-003:							1.09E-02

BT39-004	02E0015-004	1234678-HpCDF	0.0014	Yes	JB	0.01	1.40E-05
BT39-004	02E0015-004	1234789-HpCDF	0.00035	No	V	0.01	0
BT39-004	02E0015-004	123478-HxCDD	0.00025	No	V	0.1	0
BT39-004	02E0015-004	123478-HxCDF	0.00012	No	V	0.1	0
BT39-004	02E0015-004	123678-HxCDD	0.00023	No	V	0.1	0
BT39-004	02E0015-004	123678-HxCDF	0.00011	No	V	0.1	0
BT39-004	02E0015-004	123789-HxCDD	0.00024	No	V	0.1	0
BT39-004	02E0015-004	123789-HxCDF	0.00014	No	V	0.1	0
BT39-004	02E0015-004	12378-PeCDF	0.00023	No	V	0.05	0
BT39-004	02E0015-004	234678-HxCDF	0.00013	No	V	0.1	0
BT39-004	02E0015-004	23478-PeCDF	0.00022	No	V	0.5	0
BT39-004	02E0015-004	2378-TCDD	0.0016	Yes	V	1	1.60E-03
BT39-004	02E0015-004	2378-TCDF	0.00076	Yes	V	0.1	7.60E-05
BT39-004	02E0015-004	Heptachlorodibenzo-p-dioxin	0.0028	Yes	V	0.01	2.80E-05
BT39-004	02E0015-004	OCDD	0.018	Yes	V	0.0001	1.80E-06
BT39-004	02E0015-004	OCDF	0.002	Yes	JB	0.0001	2.00E-07
BT39-004	02E0015-004	Pentachlorodibenzo-p-dioxin	0.00025	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 02E0015-004:							1.72E-03

CB43-034	04F1620-005	1234678-HpCDF	0.02	Yes	V1	0.01	2.00E-04
CB43-034	04F1620-005	1234789-HpCDF	0.0035	Yes	JB1	0.01	3.50E-05
CB43-034	04F1620-005	123478-HxCDD	0.0017	Yes	JB1	0.1	1.70E-04
CB43-034	04F1620-005	123478-HxCDF	0.013	Yes	V1	0.1	1.30E-03
CB43-034	04F1620-005	123678-HxCDD	0.0051	Yes	JB1	0.1	5.10E-04
CB43-034	04F1620-005	123678-HxCDF	0.0049	Yes	V1	0.1	4.90E-04
CB43-034	04F1620-005	123789-HxCDD	0.0036	Yes	JB1	0.1	3.60E-04
CB43-034	04F1620-005	123789-HxCDF	0.00016	Yes	JB1	0.1	1.60E-05
CB43-034	04F1620-005	12378-PeCDF	0.0021	Yes	JB1	0.05	1.05E-04
CB43-034	04F1620-005	234678-HxCDF	0.0019	Yes	JB1	0.1	1.90E-04
CB43-034	04F1620-005	23478-PeCDF	0.0067	Yes	V1	0.5	3.35E-03
CB43-034	04F1620-005	2378-TCDD	0.0019	Yes	V1	1	1.90E-03
CB43-034	04F1620-005	2378-TCDF	0.016	Yes	V1	0.1	1.60E-03
CB43-034	04F1620-005	Heptachlorodibenzo-p-dioxin	0.095	Yes	V1	0.01	9.50E-04
CB43-034	04F1620-005	OCDD	0.63	Yes	V1	0.0001	6.30E-05
CB43-034	04F1620-005	OCDF	0.036	Yes	V1	0.0001	3.60E-06
CB43-034	04F1620-005	Pentachlorodibenzo-p-dioxin	0.00079	Yes	JB1	1	7.90E-04
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1620-005:							1.20E-02

Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
CB43-038	04F0770-013	1234678-HpCDF	0.0159	Yes	V	0.01	1.59E-04
CB43-038	04F0770-013	1234789-HpCDF	0.00186	Yes	V	0.01	1.86E-05
CB43-038	04F0770-013	123478-HxCDD	0.00143	Yes	V	0.1	1.43E-04
CB43-038	04F0770-013	123478-HxCDF	0.0168	Yes	V	0.1	1.68E-03
CB43-038	04F0770-013	123678-HxCDD	0.00431	Yes	V	0.1	4.31E-04
CB43-038	04F0770-013	123678-HxCDF	0.00627	Yes	V	0.1	6.27E-04
CB43-038	04F0770-013	123789-HxCDD	0.00285	Yes	V	0.1	2.85E-04
CB43-038	04F0770-013	123789-HxCDF	0.000291	Yes	V	0.1	2.91E-05
CB43-038	04F0770-013	12378-PeCDF	0.0111	Yes	V	0.05	5.55E-04
CB43-038	04F0770-013	234678-HxCDF	0.00259	Yes	V	0.1	2.59E-04
CB43-038	04F0770-013	23478-PeCDF	0.0179	Yes	V	0.5	8.95E-03
CB43-038	04F0770-013	2378-TCDD	0.000432	No	V	1	0
CB43-038	04F0770-013	2378-TCDF	0.0496	Yes	V	0.1	4.96E-03
CB43-038	04F0770-013	Heptachlorodibenzo-p-dioxin	0.0646	Yes	V	0.01	6.46E-04
CB43-038	04F0770-013	OCDD	0.408	Yes	V	0.0001	4.08E-05
CB43-038	04F0770-013	OCDF	0.0173	Yes	V	0.0001	1.73E-06
CB43-038	04F0770-013	Pentachlorodibenzo-p-dioxin	0.00108	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F0770-013:							1.88E-02

CB44-013	04F1558-010	1234678-HpCDF	0.0064	Yes	JB1	0.01	6.40E-05
CB44-013	04F1558-010	1234789-HpCDF	0.00051	Yes	JB1	0.01	5.10E-06
CB44-013	04F1558-010	123478-HxCDD	0.00041	Yes	JB1	0.1	4.10E-05
CB44-013	04F1558-010	123478-HxCDF	0.0013	Yes	JB1	0.1	1.30E-04
CB44-013	04F1558-010	123678-HxCDD	0.0021	Yes	JB1	0.1	2.10E-04
CB44-013	04F1558-010	123678-HxCDF	0.00048	Yes	JB1	0.1	4.80E-05
CB44-013	04F1558-010	123789-HxCDD	0.0013	Yes	JB1	0.1	1.30E-04
CB44-013	04F1558-010	123789-HxCDF	0.00018	No	V1	0.1	0
CB44-013	04F1558-010	12378-PeCDF	0.00016	No	V1	0.05	0
CB44-013	04F1558-010	234678-HxCDF	0.00031	Yes	JB1	0.1	3.10E-05
CB44-013	04F1558-010	23478-PeCDF	0.00039	Yes	JB1	0.5	1.95E-04
CB44-013	04F1558-010	2378-TCDD	0.00003	No	V1	1	0
CB44-013	04F1558-010	2378-TCDF	0.00095	Yes	V1	0.1	9.50E-05
CB44-013	04F1558-010	Heptachlorodibenzo-p-dioxin	0.033	Yes	V1	0.01	3.30E-04
CB44-013	04F1558-010	OCDD	0.22	Yes	V1	0.0001	2.20E-05
CB44-013	04F1558-010	OCDF	0.011	Yes	V1	0.0001	1.10E-06
CB44-013	04F1558-010	Pentachlorodibenzo-p-dioxin	0.00036	Yes	JB1	1	3.60E-04
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1558-010:							1.66E-03

CB44-017	04F1556-001	1234678-HpCDF	0.0037	Yes	JB	0.01	3.70E-05
CB44-017	04F1556-001	1234789-HpCDF	0.00026	No	V	0.01	0
CB44-017	04F1556-001	123478-HxCDD	0.00044	Yes	JB	0.1	4.40E-05
CB44-017	04F1556-001	123478-HxCDF	0.001	Yes	JB	0.1	1.00E-04
CB44-017	04F1556-001	123678-HxCDD	0.0018	Yes	JB	0.1	1.80E-04
CB44-017	04F1556-001	123678-HxCDF	0.00031	Yes	JB	0.1	3.10E-05
CB44-017	04F1556-001	123789-HxCDD	0.0012	Yes	JB	0.1	1.20E-04
CB44-017	04F1556-001	123789-HxCDF	0.00019	No	V	0.1	0
CB44-017	04F1556-001	12378-PeCDF	0.00017	No	V	0.05	0
CB44-017	04F1556-001	234678-HxCDF	0.0005	Yes	JB	0.1	5.00E-05
CB44-017	04F1556-001	23478-PeCDF	0.0003	Yes	JB	0.5	1.50E-04
CB44-017	04F1556-001	2378-TCDD	0.00028	No	V	1	0
CB44-017	04F1556-001	2378-TCDF	0.00032	No	V	0.1	0
CB44-017	04F1556-001	Heptachlorodibenzo-p-dioxin	0.03	Yes	V	0.01	3.00E-04
CB44-017	04F1556-001	OCDD	0.21	Yes	J	0.0001	2.10E-05
CB44-017	04F1556-001	OCDF	0.0051	Yes	JB	0.0001	5.10E-07
CB44-017	04F1556-001	Pentachlorodibenzo-p-dioxin	0.0002	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1556-001:							1.03E-03

Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
CC44-005	04F1372-008	1234678-HpCDF	0.00072	Yes	JB	0.01	7.20E-06
CC44-005	04F1372-008	1234789-HpCDF	0.00093	Yes	JB	0.01	9.30E-06
CC44-005	04F1372-008	123478-HxCDD	0.0002	No	V	0.1	0
CC44-005	04F1372-008	123478-HxCDF	0.00015	No	V	0.1	0
CC44-005	04F1372-008	123678-HxCDD	0.00039	Yes	V	0.1	3.90E-05
CC44-005	04F1372-008	123678-HxCDF	0.00017	Yes	JB	0.1	1.70E-05
CC44-005	04F1372-008	123789-HxCDD	0.0002	No	V	0.1	0
CC44-005	04F1372-008	123789-HxCDF	0.00022	No	V	0.1	0
CC44-005	04F1372-008	12378-PeCDF	0.00013	No	V	0.05	0
CC44-005	04F1372-008	234678-HxCDF	0.00016	No	V	0.1	0
CC44-005	04F1372-008	23478-PeCDF	0.00013	No	V	0.5	0
CC44-005	04F1372-008	2378-TCDD	0.00025	No	V	1	0
CC44-005	04F1372-008	2378-TCDF	0.00027	No	V	0.1	0
CC44-005	04F1372-008	Heptachlorodibenzo-p-dioxin	0.0051	Yes	V	0.01	5.10E-05
CC44-005	04F1372-008	OCDD	0.042	No	UJ	0.0001	0
CC44-005	04F1372-008	OCDF	0.0041	Yes	JB	0.0001	4.10E-07
CC44-005	04F1372-008	Pentachlorodibenzo-p-dioxin	0.00017	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1372-008:							1.24E-04
2,3,7,8-TCDD TEQ Concentration used in Surface Soil PRG Screen:							7.39E-02

Subsurface Soil (µg/kg)							
Subsurface Soil Interval (Depth End) > 0.5 & < 3.0 feet							
BI31-009	03F0329-005	1234678-HpCDF	0.0048	Yes	V	0.01	4.80E-05
BI31-009	03F0329-005	1234789-HpCDF	0.0006	Yes	JB	0.01	6.00E-06
BI31-009	03F0329-005	123478-HxCDD	0.00034	Yes	JB	0.1	3.40E-05
BI31-009	03F0329-005	123478-HxCDF	0.0029	Yes	V	0.1	2.90E-04
BI31-009	03F0329-005	123678-HxCDD	0.00061	Yes	JB	0.1	6.10E-05
BI31-009	03F0329-005	123678-HxCDF	0.0012	Yes	JB	0.1	1.20E-04
BI31-009	03F0329-005	123789-HxCDD	0.00084	Yes	JB	0.1	8.40E-05
BI31-009	03F0329-005	123789-HxCDF	0.00014	Yes	JB	0.1	1.40E-05
BI31-009	03F0329-005	12378-PeCDF	0.00093	Yes	JB	0.05	4.65E-05
BI31-009	03F0329-005	234678-HxCDF	0.0012	Yes	JB	0.1	1.20E-04
BI31-009	03F0329-005	23478-PeCDF	0.0016	Yes	JB	0.5	8.00E-04
BI31-009	03F0329-005	2378-TCDD	0.00024	Yes	V	1	2.40E-04
BI31-009	03F0329-005	2378-TCDF	0.0011	Yes	V	0.1	1.10E-04
BI31-009	03F0329-005	Heptachlorodibenzo-p-dioxin	0.0096	Yes	V	0.01	9.60E-05
BI31-009	03F0329-005	OCDD	0.075	Yes	V	0.0001	7.50E-06
BI31-009	03F0329-005	OCDF	0.0062	Yes	V	0.0001	6.20E-07
BI31-009	03F0329-005	Pentachlorodibenzo-p-dioxin	0.00035	Yes	JB	1	3.50E-04
Total 2,3,7,8-TCDD TEQ Concentration for Sample 03F0329-005:							2.43E-03

Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
CB43-034	04F1620-006	1234678-HpCDF	0.011	Yes	V1	0.01	1.10E-04
CB43-034	04F1620-006	1234789-HpCDF	0.001	Yes	JB1	0.01	1.00E-05
CB43-034	04F1620-006	123478-HxCDD	0.00022	Yes	JB1	0.1	2.20E-05
CB43-034	04F1620-006	123478-HxCDF	0.0031	Yes	JB1	0.1	3.10E-04
CB43-034	04F1620-006	123678-HxCDD	0.0014	Yes	JB1	0.1	1.40E-04
CB43-034	04F1620-006	123678-HxCDF	0.0013	Yes	JB1	0.1	1.30E-04
CB43-034	04F1620-006	123789-HxCDD	0.00061	Yes	JB1	0.1	6.10E-05
CB43-034	04F1620-006	123789-HxCDF	0.00007	No	V1	0.1	0
CB43-034	04F1620-006	12378-PeCDF	0.00035	Yes	JB1	0.05	1.75E-05
CB43-034	04F1620-006	234678-HxCDF	0.00059	Yes	JB1	0.1	5.90E-05
CB43-034	04F1620-006	23478-PeCDF	0.0015	Yes	JB1	0.5	7.50E-04
CB43-034	04F1620-006	2378-TCDD	0.00059	Yes	V1	1	5.90E-04
CB43-034	04F1620-006	2378-TCDF	0.0035	Yes	V1	0.1	3.50E-04
CB43-034	04F1620-006	Heptachlorodibenzo-p-dioxin	0.02	Yes	V1	0.01	2.00E-04
CB43-034	04F1620-006	OCDD	0.095	Yes	V1	0.0001	9.50E-06
CB43-034	04F1620-006	OCDF	0.015	Yes	JB1	0.0001	1.50E-06
CB43-034	04F1620-006	Pentachlorodibenzo-p-dioxin	0.0002	Yes	JB1	1	2.00E-04
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1620-006:							2.96E-03
CB43-038	04F0770-014	1234678-HpCDF	0.00316	Yes	V	0.01	3.16E-05
CB43-038	04F0770-014	1234789-HpCDF	0.000452	Yes	V	0.01	4.52E-06
CB43-038	04F0770-014	123478-HxCDD	0.0011	No	V	0.1	0
CB43-038	04F0770-014	123478-HxCDF	0.003	Yes	V	0.1	3.00E-04
CB43-038	04F0770-014	123678-HxCDD	0.0011	No	V	0.1	0
CB43-038	04F0770-014	123678-HxCDF	0.000961	Yes	V	0.1	9.61E-05
CB43-038	04F0770-014	123789-HxCDD	0.0011	No	V	0.1	0
CB43-038	04F0770-014	123789-HxCDF	0.0011	No	V	0.1	0
CB43-038	04F0770-014	12378-PeCDF	0.00327	Yes	V	0.05	1.64E-04
CB43-038	04F0770-014	234678-HxCDF	0.0011	No	V	0.1	0
CB43-038	04F0770-014	23478-PeCDF	0.00247	Yes	V	0.5	1.24E-03
CB43-038	04F0770-014	2378-TCDD	0.000439	No	V	1	0
CB43-038	04F0770-014	2378-TCDF	0.0102	Yes	V	0.1	1.02E-03
CB43-038	04F0770-014	Heptachlorodibenzo-p-dioxin	0.0149	Yes	V	0.01	1.49E-04
CB43-038	04F0770-014	OCDD	0.0837	Yes	V	0.0001	8.37E-06
CB43-038	04F0770-014	OCDF	0.00425	Yes	V	0.0001	4.25E-07
CB43-038	04F0770-014	Pentachlorodibenzo-p-dioxin	0.0011	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F0770-014:							3.01E-03
CB44-013	04F1558-011	1234678-HpCDF	0.024	Yes	V1	0.01	2.40E-04
CB44-013	04F1558-011	1234789-HpCDF	0.0014	Yes	JB1	0.01	1.40E-05
CB44-013	04F1558-011	123478-HxCDD	0.00024	No	V1	0.1	0
CB44-013	04F1558-011	123478-HxCDF	0.00087	Yes	JB1	0.1	8.70E-05
CB44-013	04F1558-011	123678-HxCDD	0.0038	Yes	JB1	0.1	3.80E-04
CB44-013	04F1558-011	123678-HxCDF	0.0005	Yes	JB1	0.1	5.00E-05
CB44-013	04F1558-011	123789-HxCDD	0.0012	Yes	JB1	0.1	1.20E-04
CB44-013	04F1558-011	123789-HxCDF	0.00019	No	V1	0.1	0
CB44-013	04F1558-011	12378-PeCDF	0.00018	No	V1	0.05	0
CB44-013	04F1558-011	234678-HxCDF	0.00035	Yes	JB1	0.1	3.50E-05
CB44-013	04F1558-011	23478-PeCDF	0.00014	No	V1	0.5	0
CB44-013	04F1558-011	2378-TCDD	0.00029	No	V1	1	0
CB44-013	04F1558-011	2378-TCDF	0.00059	Yes	V1	0.1	5.90E-05
CB44-013	04F1558-011	Heptachlorodibenzo-p-dioxin	0.029	Yes	V1	0.01	2.90E-04
CB44-013	04F1558-011	OCDD	0.047	Yes	JB1	0.0001	4.70E-06
CB44-013	04F1558-011	OCDF	0.026	Yes	V1	0.0001	2.60E-06
CB44-013	04F1558-011	Pentachlorodibenzo-p-dioxin	0.0002	No	V1	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1558-011:							1.28E-03

**Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors**

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
CB44-017	04F1556-002	1234678-HpCDF	0.00089	Yes	JB	0.01	8.90E-06
CB44-017	04F1556-002	1234789-HpCDF	0.00088	No	V	0.01	0
CB44-017	04F1556-002	123478-HxCDD	0.0005	No	V	0.1	0
CB44-017	04F1556-002	123478-HxCDF	0.00026	No	V	0.1	0
CB44-017	04F1556-002	123678-HxCDD	0.00054	No	V	0.1	0
CB44-017	04F1556-002	123678-HxCDF	0.00025	No	V	0.1	0
CB44-017	04F1556-002	123789-HxCDD	0.0005	No	V	0.1	0
CB44-017	04F1556-002	123789-HxCDF	0.00041	No	V	0.1	0
CB44-017	04F1556-002	12378-PeCDF	0.00025	No	V	0.05	0
CB44-017	04F1556-002	234678-HxCDF	0.0003	No	V	0.1	0
CB44-017	04F1556-002	23478-PeCDF	0.00021	No	V	0.5	0
CB44-017	04F1556-002	2378-TCDD	0.0004	No	V	1	0
CB44-017	04F1556-002	2378-TCDF	0.0004	No	V	0.1	0
CB44-017	04F1556-002	Heptachlorodibenzo-p-dioxin	0.0056	Yes	JB	0.01	5.60E-05
CB44-017	04F1556-002	OCDD	0.04	Yes	JB	0.0001	4.00E-06
CB44-017	04F1556-002	OCDF	0.0019	No	V	0.0001	0
CB44-017	04F1556-002	Pentachlorodibenzo-p-dioxin	0.00031	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1556-002:							6.89E-05
CC44-005	04F1372-009	1234678-HpCDF	0.0012	Yes	JB	0.01	1.20E-05
CC44-005	04F1372-009	1234789-HpCDF	0.00076	No	V	0.01	0
CC44-005	04F1372-009	123478-HxCDD	0.00051	No	V	0.1	0
CC44-005	04F1372-009	123478-HxCDF	0.0003	No	V	0.1	0
CC44-005	04F1372-009	123678-HxCDD	0.00052	No	V	0.1	0
CC44-005	04F1372-009	123678-HxCDF	0.0003	No	V	0.1	0
CC44-005	04F1372-009	123789-HxCDD	0.00048	No	V	0.1	0
CC44-005	04F1372-009	123789-HxCDF	0.00042	No	V	0.1	0
CC44-005	04F1372-009	12378-PeCDF	0.00021	No	V	0.05	0
CC44-005	04F1372-009	234678-HxCDF	0.00036	No	V	0.1	0
CC44-005	04F1372-009	23478-PeCDF	0.00019	No	V	0.5	0
CC44-005	04F1372-009	2378-TCDD	0.00033	No	V	1	0
CC44-005	04F1372-009	2378-TCDF	0.00039	No	V	0.1	0
CC44-005	04F1372-009	Heptachlorodibenzo-p-dioxin	0.0096	Yes	V	0.01	9.60E-05
CC44-005	04F1372-009	OCDD	0.071	No	UJ	0.0001	0
CC44-005	04F1372-009	OCDF	0.0036	Yes	JB	0.0001	3.60E-07
CC44-005	04F1372-009	Pentachlorodibenzo-p-dioxin	0.0003	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1372-009:							1.08E-04
SS712793	SS70235ST	2378-TCDD	0.2	No	J	1	0
SS712793	SS70235ST	Hexachlorodibenzofuran	0.1	No	J	0.1	0
SS712793	SS70235ST	Hexachlorodibenzo-p-dioxin	0.1	No	J	0.1	0
SS712793	SS70235ST	Pentachlorodibenzofuran	0.3	No	J	0.5	0
SS712793	SS70235ST	Pentachlorodibenzo-p-dioxin	0.3	No	J	1	0
SS712793	SS70235ST	TCDF	0.2	No	J		
SS712793	SS70235ST	Tetrachlorodibenzo-p-dioxin	0.2	No	J	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample SS70235ST:							0.00E+00
2,3,7,8-TCDD TEQ Concentration used in Subsurface Soil PRG Screen for interval > 0.5 & < 3.0 feet:							3.01E-03

Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
Subsurface Soil Interval (Depth End) > 3.0 & ≤ 8.0 feet							
CB43-034	04F1620-007	1234678-HpCDF	0.00039	Yes	JB1	0.01	3.90E-06
CB43-034	04F1620-007	1234789-HpCDF	0.00006	No	V1	0.01	0
CB43-034	04F1620-007	123478-HxCDD	0.000076	No	V1	0.1	0
CB43-034	04F1620-007	123478-HxCDF	0.000077	Yes	JB1	0.1	7.70E-06
CB43-034	04F1620-007	123678-HxCDD	0.000079	No	V1	0.1	0
CB43-034	04F1620-007	123678-HxCDF	0.000043	No	V1	0.1	0
CB43-034	04F1620-007	123789-HxCDD	0.000072	No	V1	0.1	0
CB43-034	04F1620-007	123789-HxCDF	0.000053	No	V1	0.1	0
CB43-034	04F1620-007	12378-PeCDF	0.000059	No	V1	0.05	0
CB43-034	04F1620-007	234678-HxCDF	0.000045	No	V1	0.1	0
CB43-034	04F1620-007	23478-PeCDF	0.000048	No	V1	0.5	0
CB43-034	04F1620-007	2378-TCDD	0.00014	No	V1	1	0
CB43-034	04F1620-007	2378-TCDF	0.00012	No	V1	0.1	0
CB43-034	04F1620-007	Heptachlorodibenzo-p-dioxin	0.00087	Yes	JB1	0.01	8.70E-06
CB43-034	04F1620-007	OCDD	0.0056	Yes	JB1	0.0001	5.60E-07
CB43-034	04F1620-007	OCDF	0.00062	Yes	JB1	0.0001	6.20E-08
CB43-034	04F1620-007	Pentachlorodibenzo-p-dioxin	0.000092	No	V1	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1620-007:							2.09E-05

CB43-034	04F1620-008	1234678-HpCDF	0.00012	Yes	JB1	0.01	1.20E-06
CB43-034	04F1620-008	1234789-HpCDF	0.000057	No	V1	0.01	0
CB43-034	04F1620-008	123478-HxCDD	0.000066	No	V1	0.1	0
CB43-034	04F1620-008	123478-HxCDF	0.00007	Yes	JB1	0.1	7.00E-06
CB43-034	04F1620-008	123678-HxCDD	0.000071	No	V1	0.1	0
CB43-034	04F1620-008	123678-HxCDF	0.000032	No	V1	0.1	0
CB43-034	04F1620-008	123789-HxCDD	0.000064	No	V1	0.1	0
CB43-034	04F1620-008	123789-HxCDF	0.000039	No	V1	0.1	0
CB43-034	04F1620-008	12378-PeCDF	0.000047	No	V1	0.05	0
CB43-034	04F1620-008	234678-HxCDF	0.000034	No	V1	0.1	0
CB43-034	04F1620-008	23478-PeCDF	0.00004	No	V1	0.5	0
CB43-034	04F1620-008	2378-TCDD	0.00013	No	V1	1	0
CB43-034	04F1620-008	2378-TCDF	0.00011	No	V1	0.1	0
CB43-034	04F1620-008	Heptachlorodibenzo-p-dioxin	0.00022	Yes	JB1	0.01	2.20E-06
CB43-034	04F1620-008	OCDD	0.0021	Yes	JB1	0.0001	2.10E-07
CB43-034	04F1620-008	OCDF	0.00019	Yes	JB1	0.0001	1.90E-08
CB43-034	04F1620-008	Pentachlorodibenzo-p-dioxin	0.00007	No	V1	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1620-008:							1.06E-05

CB44-013	04F1558-012	1234678-HpCDF	0.0019	Yes	JB1	0.01	1.90E-05
CB44-013	04F1558-012	1234789-HpCDF	0.00033	No	V1	0.01	0
CB44-013	04F1558-012	123478-HxCDD	0.00029	No	V1	0.1	0
CB44-013	04F1558-012	123478-HxCDF	0.00017	No	V1	0.1	0
CB44-013	04F1558-012	123678-HxCDD	0.00032	No	V1	0.1	0
CB44-013	04F1558-012	123678-HxCDF	0.00017	No	V1	0.1	0
CB44-013	04F1558-012	123789-HxCDD	0.00029	No	V1	0.1	0
CB44-013	04F1558-012	123789-HxCDF	0.00022	No	V1	0.1	0
CB44-013	04F1558-012	12378-PeCDF	0.00019	No	V1	0.05	0
CB44-013	04F1558-012	234678-HxCDF	0.0002	No	V1	0.1	0
CB44-013	04F1558-012	23478-PeCDF	0.00017	No	V1	0.5	0
CB44-013	04F1558-012	2378-TCDD	0.00037	No	V1	1	0
CB44-013	04F1558-012	2378-TCDF	0.00038	No	V1	0.1	0
CB44-013	04F1558-012	Heptachlorodibenzo-p-dioxin	0.002	Yes	JB1	0.01	2.00E-05
CB44-013	04F1558-012	OCDD	0.0047	Yes	JB1	0.0001	4.70E-07
CB44-013	04F1558-012	OCDF	0.002	Yes	JB1	0.0001	2.00E-07
CB44-013	04F1558-012	Pentachlorodibenzo-p-dioxin	0.00024	No	V1	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1558-012:							3.97E-05

Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
CB44-013	04F1558-013	1234678-HpCDF	0.00036	No	V1	0.01	0
CB44-013	04F1558-013	1234789-HpCDF	0.00045	No	V1	0.01	0
CB44-013	04F1558-013	123478-HxCDD	0.00035	No	V1	0.1	0
CB44-013	04F1558-013	123478-HxCDF	0.0002	No	V1	0.1	0
CB44-013	04F1558-013	123678-HxCDD	0.00035	No	V1	0.1	0
CB44-013	04F1558-013	123678-HxCDF	0.00021	No	V1	0.1	0
CB44-013	04F1558-013	123789-HxCDD	0.00034	No	V1	0.1	0
CB44-013	04F1558-013	123789-HxCDF	0.00028	No	V1	0.1	0
CB44-013	04F1558-013	12378-PeCDF	0.00022	No	V1	0.05	0
CB44-013	04F1558-013	234678-HxCDF	0.00024	No	V1	0.1	0
CB44-013	04F1558-013	23478-PeCDF	0.00018	No	V1	0.5	0
CB44-013	04F1558-013	2378-TCDD	0.00036	No	V1	1	0
CB44-013	04F1558-013	2378-TCDF	0.00039	No	V1	0.1	0
CB44-013	04F1558-013	Heptachlorodibenzo-p-dioxin	0.0004	No	V1	0.01	0
CB44-013	04F1558-013	OCDD	0.0008	No	V1	0.0001	0
CB44-013	04F1558-013	OCDF	0.00066	No	V1	0.0001	0
CB44-013	04F1558-013	Pentachlorodibenzo-p-dioxin	0.00026	No	V1	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1558-013:							0.00E+00

CB44-017	04F1556-003	1234678-HpCDF	0.00021	No	V	0.01	0
CB44-017	04F1556-003	1234789-HpCDF	0.00027	No	V	0.01	0
CB44-017	04F1556-003	123478-HxCDD	0.00021	No	V	0.1	0
CB44-017	04F1556-003	123478-HxCDF	0.00016	Yes	JB	0.1	1.60E-05
CB44-017	04F1556-003	123678-HxCDD	0.00022	No	V	0.1	0
CB44-017	04F1556-003	123678-HxCDF	0.00013	No	V	0.1	0
CB44-017	04F1556-003	123789-HxCDD	0.00021	No	V	0.1	0
CB44-017	04F1556-003	123789-HxCDF	0.00018	No	V	0.1	0
CB44-017	04F1556-003	12378-PeCDF	0.00015	No	V	0.05	0
CB44-017	04F1556-003	234678-HxCDF	0.00014	No	V	0.1	0
CB44-017	04F1556-003	23478-PeCDF	0.00013	No	V	0.5	0
CB44-017	04F1556-003	2378-TCDD	0.00034	No	V	1	0
CB44-017	04F1556-003	2378-TCDF	0.00035	No	V	0.1	0
CB44-017	04F1556-003	Heptachlorodibenzo-p-dioxin	0.0013	Yes	JB	0.01	1.30E-05
CB44-017	04F1556-003	OCDD	0.0072	Yes	JB	0.0001	7.20E-07
CB44-017	04F1556-003	OCDF	0.00045	No	V	0.0001	0
CB44-017	04F1556-003	Pentachlorodibenzo-p-dioxin	0.00019	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1556-003:							2.97E-05

CB44-017	04F1556-004	1234678-HpCDF	0.00029	No	V	0.01	0
CB44-017	04F1556-004	1234789-HpCDF	0.00036	No	V	0.01	0
CB44-017	04F1556-004	123478-HxCDD	0.0003	No	V	0.1	0
CB44-017	04F1556-004	123478-HxCDF	0.00016	No	V	0.1	0
CB44-017	04F1556-004	123678-HxCDD	0.00032	No	V	0.1	0
CB44-017	04F1556-004	123678-HxCDF	0.00016	No	V	0.1	0
CB44-017	04F1556-004	123789-HxCDD	0.0003	No	V	0.1	0
CB44-017	04F1556-004	123789-HxCDF	0.00024	No	V	0.1	0
CB44-017	04F1556-004	12378-PeCDF	0.00063	Yes	JB	0.05	3.15E-05
CB44-017	04F1556-004	234678-HxCDF	0.00018	No	V	0.1	0
CB44-017	04F1556-004	23478-PeCDF	0.00017	No	V	0.5	0
CB44-017	04F1556-004	2378-TCDD	0.00036	No	V	1	0
CB44-017	04F1556-004	2378-TCDF	0.00037	No	V	0.1	0
CB44-017	04F1556-004	Heptachlorodibenzo-p-dioxin	0.00034	No	V	0.01	0
CB44-017	04F1556-004	OCDD	0.0037	Yes	JB	0.0001	3.70E-07
CB44-017	04F1556-004	OCDF	0.00062	No	V	0.0001	0
CB44-017	04F1556-004	Pentachlorodibenzo-p-dioxin	0.00022	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1556-004:							3.19E-05

Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
CC42-014	04F0815-012	1234678-HpCDF	0.00319	Yes	V	0.01	3.19E-05
CC42-014	04F0815-012	1234789-HpCDF	0.00102	No	V	0.01	0
CC42-014	04F0815-012	123478-HxCDD	0.00102	No	V	0.1	0
CC42-014	04F0815-012	123478-HxCDF	0.00102	No	V	0.1	0
CC42-014	04F0815-012	123678-HxCDD	0.000809	Yes	V	0.1	8.09E-05
CC42-014	04F0815-012	123678-HxCDF	0.00102	No	V	0.1	0
CC42-014	04F0815-012	123789-HxCDD	0.000714	Yes	V	0.1	7.14E-05
CC42-014	04F0815-012	123789-HxCDF	0.00102	No	V	0.1	0
CC42-014	04F0815-012	12378-PeCDF	0.00102	No	V	0.05	0
CC42-014	04F0815-012	234678-HxCDF	0.00102	No	V	0.1	0
CC42-014	04F0815-012	23478-PeCDF	0.00102	No	V	0.5	0
CC42-014	04F0815-012	2378-TCDD	0.000407	No	V	1	0
CC42-014	04F0815-012	2378-TCDF	0.000407	No	V	0.1	0
CC42-014	04F0815-012	Heptachlorodibenzo-p-dioxin	0.0156	Yes	V	0.01	1.56E-04
CC42-014	04F0815-012	OCDD	0.11	Yes	V	0.0001	1.10E-05
CC42-014	04F0815-012	OCDF	0.00725	Yes	V	0.0001	7.25E-07
CC42-014	04F0815-012	Pentachlorodibenzo-p-dioxin	0.00102	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F0815-012:							3.52E-04

CC42-024	04F1230-011	1234678-HpCDF	0.00022	Yes	V	0.01	2.20E-06
CC42-024	04F1230-011	1234789-HpCDF	0.000095	No	V	0.01	0
CC42-024	04F1230-011	123478-HxCDD	0.0001	Yes	V	0.1	1.00E-05
CC42-024	04F1230-011	123478-HxCDF	0.00014	Yes	JB	0.1	1.40E-05
CC42-024	04F1230-011	123678-HxCDD	0.00014	Yes	V	0.1	1.40E-05
CC42-024	04F1230-011	123678-HxCDF	0.00011	Yes	JB	0.1	1.10E-05
CC42-024	04F1230-011	123789-HxCDD	0.00016	Yes	V	0.1	1.60E-05
CC42-024	04F1230-011	123789-HxCDF	0.000076	No	V	0.1	0
CC42-024	04F1230-011	12378-PeCDF	0.000065	No	V	0.05	0
CC42-024	04F1230-011	234678-HxCDF	0.00013	Yes	JB	0.1	1.30E-05
CC42-024	04F1230-011	23478-PeCDF	0.00017	Yes	JB	0.5	8.50E-05
CC42-024	04F1230-011	2378-TCDD	0.0001	No	V	1	0
CC42-024	04F1230-011	2378-TCDF	0.00017	Yes	V	0.1	1.70E-05
CC42-024	04F1230-011	Heptachlorodibenzo-p-dioxin	0.0058	Yes	V	0.01	5.80E-05
CC42-024	04F1230-011	OCDD	0.42	Yes	V	0.0001	4.20E-05
CC42-024	04F1230-011	OCDF	0.00045	Yes	JB	0.0001	4.50E-08
CC42-024	04F1230-011	Pentachlorodibenzo-p-dioxin	0.000077	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1230-011:							2.82E-04

CC43-019	04F1208-005	1234678-HpCDF	0.00013	Yes	V	0.01	1.30E-06
CC43-019	04F1208-005	1234789-HpCDF	0.000089	No	V	0.01	0
CC43-019	04F1208-005	123478-HxCDD	0.000079	No	V	0.1	0
CC43-019	04F1208-005	123478-HxCDF	0.00015	Yes	JB	0.1	1.50E-05
CC43-019	04F1208-005	123678-HxCDD	0.00007	No	V	0.1	0
CC43-019	04F1208-005	123678-HxCDF	0.000056	No	V	0.1	0
CC43-019	04F1208-005	123789-HxCDD	0.00011	Yes	V	0.1	1.10E-05
CC43-019	04F1208-005	123789-HxCDF	0.000071	No	V	0.1	0
CC43-019	04F1208-005	12378-PeCDF	0.000068	No	V	0.05	0
CC43-019	04F1208-005	234678-HxCDF	0.00015	Yes	JB	0.1	1.50E-05
CC43-019	04F1208-005	23478-PeCDF	0.00019	Yes	JB	0.5	9.50E-05
CC43-019	04F1208-005	2378-TCDD	0.00016	No	V	1	0
CC43-019	04F1208-005	2378-TCDF	0.00015	Yes	V	0.1	1.50E-05
CC43-019	04F1208-005	Heptachlorodibenzo-p-dioxin	0.00023	Yes	JB	0.01	2.30E-06
CC43-019	04F1208-005	OCDD	0.0014	Yes	JB	0.0001	1.40E-07
CC43-019	04F1208-005	OCDF	0.00016	No	V	0.0001	0
CC43-019	04F1208-005	Pentachlorodibenzo-p-dioxin	0.000074	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1208-005:							1.55E-04

Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
CC43-028	04F1545-007	1234678-HpCDF	0.00017	Yes	V1	0.01	1.70E-06
CC43-028	04F1545-007	1234789-HpCDF	0.00014	Yes	JB1	0.01	1.40E-06
CC43-028	04F1545-007	123478-HxCDD	0.00012	No	V1	0.1	0
CC43-028	04F1545-007	123478-HxCDF	0.000064	No	V1	0.1	0
CC43-028	04F1545-007	123678-HxCDD	0.00015	Yes	V1	0.1	1.50E-05
CC43-028	04F1545-007	123678-HxCDF	0.000065	No	V1	0.1	0
CC43-028	04F1545-007	123789-HxCDD	0.00011	No	V1	0.1	0
CC43-028	04F1545-007	123789-HxCDF	0.000081	No	V1	0.1	0
CC43-028	04F1545-007	12378-PeCDF	0.000081	No	V1	0.05	0
CC43-028	04F1545-007	234678-HxCDF	0.00013	Yes	JB1	0.1	1.30E-05
CC43-028	04F1545-007	23478-PeCDF	0.00015	Yes	JB1	0.5	7.50E-05
CC43-028	04F1545-007	2378-TCDD	0.00017	No	V1	1	0
CC43-028	04F1545-007	2378-TCDF	0.00018	No	V1	0.1	0
CC43-028	04F1545-007	Heptachlorodibenzo-p-dioxin	0.00027	Yes	JB1	0.01	2.70E-06
CC43-028	04F1545-007	OCDD	0.0019	Yes	JB1	0.0001	1.90E-07
CC43-028	04F1545-007	OCDF	0.00049	Yes	JB1	0.0001	4.90E-08
CC43-028	04F1545-007	Pentachlorodibenzo-p-dioxin	0.000093	No	V1	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1545-007:							1.09E-04

CC44-005	04F1372-010	1234678-HpCDF	0.00019	No	V	0.01	0
CC44-005	04F1372-010	1234789-HpCDF	0.00028	No	V	0.01	0
CC44-005	04F1372-010	123478-HxCDD	0.00018	No	V	0.1	0
CC44-005	04F1372-010	123478-HxCDF	0.00011	No	V	0.1	0
CC44-005	04F1372-010	123678-HxCDD	0.0002	No	V	0.1	0
CC44-005	04F1372-010	123678-HxCDF	0.00011	No	V	0.1	0
CC44-005	04F1372-010	123789-HxCDD	0.00018	No	V	0.1	0
CC44-005	04F1372-010	123789-HxCDF	0.00017	No	V	0.1	0
CC44-005	04F1372-010	12378-PeCDF	0.000081	No	V	0.05	0
CC44-005	04F1372-010	234678-HxCDF	0.00013	No	V	0.1	0
CC44-005	04F1372-010	23478-PeCDF	0.000072	No	V	0.5	0
CC44-005	04F1372-010	2378-TCDD	0.00015	No	V	1	0
CC44-005	04F1372-010	2378-TCDF	0.00016	No	V	0.1	0
CC44-005	04F1372-010	Heptachlorodibenzo-p-dioxin	0.00034	No	V	0.01	0
CC44-005	04F1372-010	OCDD	0.0031	Yes	JB	0.0001	3.10E-07
CC44-005	04F1372-010	OCDF	0.00049	No	V	0.0001	0
CC44-005	04F1372-010	Pentachlorodibenzo-p-dioxin	0.00012	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1372-010:							3.10E-07

CC44-005	04F1372-011	1234678-HpCDF	0.00041	Yes	JB	0.01	4.10E-06
CC44-005	04F1372-011	1234789-HpCDF	0.00036	Yes	JB	0.01	3.60E-06
CC44-005	04F1372-011	123478-HxCDD	0.00012	No	V	0.1	0
CC44-005	04F1372-011	123478-HxCDF	0.00017	Yes	JB	0.1	1.70E-05
CC44-005	04F1372-011	123678-HxCDD	0.00013	No	V	0.1	0
CC44-005	04F1372-011	123678-HxCDF	0.000084	No	V	0.1	0
CC44-005	04F1372-011	123789-HxCDD	0.00027	Yes	JB	0.1	2.70E-05
CC44-005	04F1372-011	123789-HxCDF	0.00025	Yes	JB	0.1	2.50E-05
CC44-005	04F1372-011	12378-PeCDF	0.000097	No	V	0.05	0
CC44-005	04F1372-011	234678-HxCDF	0.00025	Yes	JB	0.1	2.50E-05
CC44-005	04F1372-011	23478-PeCDF	0.000083	No	V	0.5	0
CC44-005	04F1372-011	2378-TCDD	0.00017	No	V	1	0
CC44-005	04F1372-011	2378-TCDF	0.00017	No	V	0.1	0
CC44-005	04F1372-011	Heptachlorodibenzo-p-dioxin	0.0013	Yes	JB	0.01	1.30E-05
CC44-005	04F1372-011	OCDD	0.0074	Yes	JB	0.0001	7.40E-07
CC44-005	04F1372-011	OCDF	0.0014	Yes	JB	0.0001	1.40E-07
CC44-005	04F1372-011	Pentachlorodibenzo-p-dioxin	0.00011	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 04F1372-011:							1.16E-04

Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
CR31-004	05F0140-007	1234678-HpCDF	0.00154	No	V	0.01	0
CR31-004	05F0140-007	1234789-HpCDF	0.00154	No	V	0.01	0
CR31-004	05F0140-007	123478-HxCDD	0.00154	No	V	0.1	0
CR31-004	05F0140-007	123478-HxCDF	0.00154	No	V	0.1	0
CR31-004	05F0140-007	123678-HxCDD	0.00154	No	V	0.1	0
CR31-004	05F0140-007	123678-HxCDF	0.00154	No	V	0.1	0
CR31-004	05F0140-007	123789-HxCDD	0.00154	No	V	0.1	0
CR31-004	05F0140-007	123789-HxCDF	0.00154	No	V	0.1	0
CR31-004	05F0140-007	12378-PeCDF	0.000427	Yes	V	0.05	2.14E-05
CR31-004	05F0140-007	234678-HxCDF	0.00154	No	V	0.1	0
CR31-004	05F0140-007	23478-PeCDF	0.00077	Yes	V	0.5	3.85E-04
CR31-004	05F0140-007	2378-TCDD	0.000533	Yes	V	1	5.33E-04
CR31-004	05F0140-007	2378-TCDF	0.00209	Yes	J	0.1	2.09E-04
CR31-004	05F0140-007	Heptachlorodibenzo-p-dioxin	0.00256	Yes	V	0.01	2.56E-05
CR31-004	05F0140-007	OCDD	0.0159	Yes	V	0.0001	1.59E-06
CR31-004	05F0140-007	OCDF	0.00394	Yes	V	0.0001	3.94E-07
CR31-004	05F0140-007	Pentachlorodibenzo-p-dioxin	0.00154	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 05F0140-007:							1.18E-03

CR31-004	05F0140-008	1234678-HpCDF	0.000832	Yes	V	0.01	8.32E-06
CR31-004	05F0140-008	1234789-HpCDF	0.00147	No	V	0.01	0
CR31-004	05F0140-008	123478-HxCDD	0.00147	No	V	0.1	0
CR31-004	05F0140-008	123478-HxCDF	0.00147	No	V	0.1	0
CR31-004	05F0140-008	123678-HxCDD	0.00147	No	V	0.1	0
CR31-004	05F0140-008	123678-HxCDF	0.00147	No	V	0.1	0
CR31-004	05F0140-008	123789-HxCDD	0.00147	No	V	0.1	0
CR31-004	05F0140-008	123789-HxCDF	0.00147	No	V	0.1	0
CR31-004	05F0140-008	12378-PeCDF	0.00147	No	V	0.05	0
CR31-004	05F0140-008	234678-HxCDF	0.000339	Yes	V	0.1	3.39E-05
CR31-004	05F0140-008	23478-PeCDF	0.00147	No	V	0.5	0
CR31-004	05F0140-008	2378-TCDD	0.000587	No	V	1	0
CR31-004	05F0140-008	2378-TCDF	0.000587	No	V	0.1	0
CR31-004	05F0140-008	Heptachlorodibenzo-p-dioxin	0.00153	No	V	0.01	0
CR31-004	05F0140-008	OCDD	0.002	Yes	V	0.0001	2.00E-07
CR31-004	05F0140-008	OCDF	0.00293	No	V	0.0001	0
CR31-004	05F0140-008	Pentachlorodibenzo-p-dioxin	0.00147	No	V	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 05F0140-008:							4.24E-05

CS53-000	05F0348-003	1234678-HpCDF	0.000501	Yes	V1	0.01	5.01E-06
CS53-000	05F0348-003	1234789-HpCDF	0.000182	Yes	V1	0.01	1.82E-06
CS53-000	05F0348-003	123478-HxCDD	0.0014	No	V1	0.1	0
CS53-000	05F0348-003	123478-HxCDF	0.000256	Yes	V1	0.1	2.56E-05
CS53-000	05F0348-003	123678-HxCDD	0.0014	No	V1	0.1	0
CS53-000	05F0348-003	123678-HxCDF	0.0014	No	V1	0.1	0
CS53-000	05F0348-003	123789-HxCDD	0.0014	No	V1	0.1	0
CS53-000	05F0348-003	123789-HxCDF	0.0014	No	V1	0.1	0
CS53-000	05F0348-003	12378-PeCDF	0.0014	No	V1	0.05	0
CS53-000	05F0348-003	234678-HxCDF	0.0014	No	V1	0.1	0
CS53-000	05F0348-003	23478-PeCDF	0.0014	No	V1	0.5	0
CS53-000	05F0348-003	2378-TCDD	0.000226	Yes	V1	1	2.26E-04
CS53-000	05F0348-003	2378-TCDF	0.000559	No	V1	0.1	0
CS53-000	05F0348-003	Heptachlorodibenzo-p-dioxin	0.000708	Yes	V1	0.01	7.08E-06
CS53-000	05F0348-003	OCDD	0.00379	Yes	V1	0.0001	3.79E-07
CS53-000	05F0348-003	OCDF	0.00065	Yes	V1	0.0001	6.50E-08
CS53-000	05F0348-003	Pentachlorodibenzo-p-dioxin	0.0014	No	V1	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 05F0348-003:							2.66E-04

**Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors**

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
CS53-000	05F0348-004	1234678-HpCDF	0.00138	No	V1	0.01	0
CS53-000	05F0348-004	1234789-HpCDF	0.00138	No	V1	0.01	0
CS53-000	05F0348-004	123478-HxCDD	0.00138	No	V1	0.1	0
CS53-000	05F0348-004	123478-HxCDF	0.00138	No	V1	0.1	0
CS53-000	05F0348-004	123678-HxCDD	0.00138	No	V1	0.1	0
CS53-000	05F0348-004	123678-HxCDF	0.00138	No	V1	0.1	0
CS53-000	05F0348-004	123789-HxCDD	0.00138	No	V1	0.1	0
CS53-000	05F0348-004	123789-HxCDF	0.00138	No	V1	0.1	0
CS53-000	05F0348-004	12378-PeCDF	0.00138	No	V1	0.05	0
CS53-000	05F0348-004	234678-HxCDF	0.00138	No	V1	0.1	0
CS53-000	05F0348-004	23478-PeCDF	0.00138	No	V1	0.5	0
CS53-000	05F0348-004	2378-TCDD	0.000552	No	V1	1	0
CS53-000	05F0348-004	2378-TCDF	0.000552	No	V1	0.1	0
CS53-000	05F0348-004	Heptachlorodibenzo-p-dioxin	0.00138	No	V1	0.01	0
CS53-000	05F0348-004	OCDD	0.00276	No	V1	0.0001	0
CS53-000	05F0348-004	OCDF	0.00276	No	V1	0.0001	0
CS53-000	05F0348-004	Pentachlorodibenzo-p-dioxin	0.00138	No	V1	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 05F0348-004:							0.00E+00

CW54-000	05F0275-004	1234678-HpCDF	0.00166	No	V1	0.01	0
CW54-000	05F0275-004	1234789-HpCDF	0.00034	Yes	V1	0.01	3.40E-06
CW54-000	05F0275-004	123478-HxCDD	0.00166	No	V1	0.1	0
CW54-000	05F0275-004	123478-HxCDF	0.00166	No	V1	0.1	0
CW54-000	05F0275-004	123678-HxCDD	0.00166	No	V1	0.1	0
CW54-000	05F0275-004	123678-HxCDF	0.00166	No	V1	0.1	0
CW54-000	05F0275-004	123789-HxCDD	0.00166	No	V1	0.1	0
CW54-000	05F0275-004	123789-HxCDF	0.00166	No	V1	0.1	0
CW54-000	05F0275-004	12378-PeCDF	0.00166	No	V1	0.05	0
CW54-000	05F0275-004	234678-HxCDF	0.00166	No	V1	0.1	0
CW54-000	05F0275-004	23478-PeCDF	0.00166	No	V1	0.5	0
CW54-000	05F0275-004	2378-TCDD	0.000666	No	V1	1	0
CW54-000	05F0275-004	2378-TCDF	0.000666	No	V1	0.1	0
CW54-000	05F0275-004	Heptachlorodibenzo-p-dioxin	0.00156	Yes	V1	0.01	1.56E-05
CW54-000	05F0275-004	OCDD	0.00835	Yes	V1	0.0001	8.35E-07
CW54-000	05F0275-004	OCDF	0.00333	No	V1	0.0001	0
CW54-000	05F0275-004	Pentachlorodibenzo-p-dioxin	0.00166	No	V1	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 05F0275-004:							1.98E-05
2,3,7,8-TCDD TEQ Concentration used in Subsurface Soil PRG Screen for interval < 3.0 & < 8.0 feet:							1.18E-03

Subsurface Soil Interval (Depth End) > 8.0 & ≤ 12.0 feet							
CQ40-017	05F0064-004	1234678-HpCDF	0.024	Yes	V1	0.01	2.40E-04
CQ40-017	05F0064-004	1234789-HpCDF	0.00977	Yes	V1	0.01	9.77E-05
CQ40-017	05F0064-004	123478-HxCDD	0.00128	No	V1	0.1	0
CQ40-017	05F0064-004	123478-HxCDF	0.0186	Yes	V1	0.1	1.86E-03
CQ40-017	05F0064-004	123678-HxCDD	0.0352	Yes	V1	0.1	3.52E-03
CQ40-017	05F0064-004	123678-HxCDF	0.00586	Yes	V1	0.1	5.86E-04
CQ40-017	05F0064-004	123789-HxCDD	0.0151	Yes	V1	0.1	1.51E-03
CQ40-017	05F0064-004	123789-HxCDF	0.00128	No	V1	0.1	0
CQ40-017	05F0064-004	12378-PeCDF	0.00213	Yes	V1	0.05	1.07E-04
CQ40-017	05F0064-004	234678-HxCDF	0.0019	Yes	V1	0.1	1.90E-04
CQ40-017	05F0064-004	23478-PeCDF	0.0058	Yes	V1	0.5	2.90E-03
CQ40-017	05F0064-004	2378-TCDD	0.000514	No	V1	1	0
CQ40-017	05F0064-004	2378-TCDF	0.00415	Yes	V1	0.1	4.15E-04
CQ40-017	05F0064-004	Heptachlorodibenzo-p-dioxin	0.0598	Yes	V1	0.01	5.98E-04
CQ40-017	05F0064-004	OCDD	0.0203	Yes	V1	0.0001	2.03E-06
CQ40-017	05F0064-004	OCDF	0.0561	Yes	V1	0.0001	5.61E-06
CQ40-017	05F0064-004	Pentachlorodibenzo-p-dioxin	0.00128	No	V1	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 05F0064-004:							1.20E-02

**Table A2.3
Toxicity Equivalence Calculation for Dioxins/Furans - Human Health Receptors**

Location	Sample Number	Congener	Result	Is Detected	Validation Qualifier	TEF	TEQ Concentration
CS53-000	05F0348-005	1234678-HpCDF	0.00135	No	V1	0.01	0
CS53-000	05F0348-005	1234789-HpCDF	0.00135	No	V1	0.01	0
CS53-000	05F0348-005	123478-HxCDD	0.00135	No	V1	0.1	0
CS53-000	05F0348-005	123478-HxCDF	0.00135	No	V1	0.1	0
CS53-000	05F0348-005	123678-HxCDD	0.00135	No	V1	0.1	0
CS53-000	05F0348-005	123678-HxCDF	0.00135	No	V1	0.1	0
CS53-000	05F0348-005	123789-HxCDD	0.00135	No	V1	0.1	0
CS53-000	05F0348-005	123789-HxCDF	0.00135	No	V1	0.1	0
CS53-000	05F0348-005	12378-PeCDF	0.00135	No	V1	0.05	0
CS53-000	05F0348-005	234678-HxCDF	0.00135	No	V1	0.1	0
CS53-000	05F0348-005	23478-PeCDF	0.00135	No	V1	0.5	0
CS53-000	05F0348-005	2378-TCDD	0.00054	No	V1	1	0
CS53-000	05F0348-005	2378-TCDF	0.00054	No	V1	0.1	0
CS53-000	05F0348-005	Heptachlorodibenzo-p-dioxin	0.00135	No	V1	0.01	0
CS53-000	05F0348-005	OCDD	0.000518	Yes	V1	0.0001	5.18E-08
CS53-000	05F0348-005	OCDF	0.0027	No	V1	0.0001	0
CS53-000	05F0348-005	Pentachlorodibenzo-p-dioxin	0.00135	No	V1	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 05F0348-005:							5.18E-08

CW54-000	05F0275-005	1234678-HpCDF	0.000139	Yes	V1	0.01	1.39E-06
CW54-000	05F0275-005	1234789-HpCDF	0.00138	No	V1	0.01	0
CW54-000	05F0275-005	123478-HxCDD	0.00138	No	V1	0.1	0
CW54-000	05F0275-005	123478-HxCDF	0.00138	No	V1	0.1	0
CW54-000	05F0275-005	123678-HxCDD	0.00138	No	V1	0.1	0
CW54-000	05F0275-005	123678-HxCDF	0.00138	No	V1	0.1	0
CW54-000	05F0275-005	123789-HxCDD	0.00138	No	V1	0.1	0
CW54-000	05F0275-005	123789-HxCDF	0.00138	No	V1	0.1	0
CW54-000	05F0275-005	12378-PeCDF	0.00138	No	V1	0.05	0
CW54-000	05F0275-005	234678-HxCDF	0.00138	No	V1	0.1	0
CW54-000	05F0275-005	23478-PeCDF	0.00138	No	V1	0.5	0
CW54-000	05F0275-005	2378-TCDD	0.00055	No	V1	1	0
CW54-000	05F0275-005	2378-TCDF	0.00055	No	V1	0.1	0
CW54-000	05F0275-005	Heptachlorodibenzo-p-dioxin	0.00138	No	V1	0.01	0
CW54-000	05F0275-005	OCDD	0.00275	No	V1	0.0001	0
CW54-000	05F0275-005	OCDF	0.00275	No	V1	0.0001	0
CW54-000	05F0275-005	Pentachlorodibenzo-p-dioxin	0.00138	No	V1	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample 05F0275-005:							1.39E-06
2,3,7,8-TCDD TEQ Concentration used in Subsurface Soil PRG Screen for interval > 8.0 & < 12.0:							1.20E-02

Subsurface Soil Interval (Depth End) > 12.0 & ≤ 30.0 feet							
72193	BH70125ST	2378-TCDD	0.1	No	J	1	0
72193	BH70125ST	Hexachlorodibenzofuran	0.2	No	J	0.1	0
72193	BH70125ST	Hexachlorodibenzo-p-dioxin	0.1	No	J	0.1	0
72193	BH70125ST	Pentachlorodibenzofuran	0.1	No	J	0.5	0
72193	BH70125ST	Pentachlorodibenzo-p-dioxin	0.2	No	J	1	0
72193	BH70125ST	TCDF	0.1	No	J		
72193	BH70125ST	Tetrachlorodibenzo-p-dioxin	0.2	No	J	1	0
Total 2,3,7,8-TCDD TEQ Concentration for Sample BH70125ST:							0.00E+00
2,3,7,8-TCDD TEQ Concentration used in Subsurface Soil PRG Screen for interval > 12.0 & ≤ 30.0 feet:							0.00E+00