

PRE-REMEDIATION DATA											
Sample ID	Th-232 (pCi/g)	Th-232 U (1S)	Ra-226 (pCi/g)	Ra-226 U (1S)	Th-230 (pCi/g)	Th-230 U (1S)	U-235 (pCi/g)	U-235 U (1S)	U-238 (pCi/g)	U-238 U (1S)	Notes
WEAC-SO-01	7.90E-01	9.82E-02	1.86E+00	2.11E-01	ND	ND	2.28E-01	4.83E-02	2.23E+00	3.74E-01	Judgemental soil sample just South of former solvent
WEAC-SO-02	8.79E-01	1.12E-01	8.28E+00	9.07E-01	ND	ND	1.40E+00	1.77E-01	1.12E+01	2.24E+00	Sample Collected near Hot Spot 4
WEAC-SO-02 B	6.87E-01	1.32E-01	2.22E+00	2.64E-01	ND	ND	4.99E-01	6.88E-02	6.78E+00	1.01E+00	Sample Collected 1 to 2 ft below surface
Hot Spot 2	1.15E+00	8.10E-02	1.04E+02	1.19E+01	ND	ND	3.46E+00	4.89E-01	1.52E+01	1.18E+00	Hot Spot 2 Sample Collected 2016
Hot Spot 1	9.90E-01	3.90E-01	3.19E+01	7.47E+00	ND	ND	ND	ND	2.11E+01	5.82E-01	Hot Spot 1 Sample Collected 2016
Hot Spot 5	7.30E-01	3.20E-01	1.05E+01	4.16E+00	ND	ND	ND	ND	1.71E+01	3.20E+00	Hot Spot 5 Sample Collected 2016
Hot Spot 4	1.08E+00	1.24E-01	2.55E+01	2.74E+00	3.40E+01	6.96E-01	2.36E+00	2.58E-01	5.08E+01	5.63E+00	Hot Spot 4 Sample Collected 2017
Hot Spot 3	7.72E-01	9.04E-02	3.93E+01	4.23E+00	4.13E+01	6.97E+00	5.14E-01	1.73E-01	4.23E+00	6.07E-01	Hot Spot 3 Sample Collected 2017
Hot Spot 6	7.47E-01	8.69E-02	1.56E+01	1.68E+00	1.85E+01	3.56E+00	8.25E-01	1.32E-01	1.57E+01	1.77E+00	Hot Spot 6 Sample Collected 2017
Hot Spot 8	7.61E-01	8.83E-02	3.58E+01	3.85E+00	5.69E+01	1.01E+01	3.54E+00	3.82E-01	6.68E+01	7.35E+00	Hot Spot 8 Sample Collected 2017
2-5	8.81E-01	1.01E-01	9.65E-01	1.05E-01	ND	ND	8.67E-02	3.30E-02	9.58E-01	1.23E-01	Low Activity Judgemental Soil Sample
WEAC-SS-013	9.65E-01	1.19E-01	9.65E-01	1.19E-01	ND	ND	6.95E-02	2.66E-02	4.70E-01	1.93E-01	5 Point Composite of Soils just east of former Warehouse 2
WEAC-SS-014	8.09E-01	1.10E-01	8.80E-01	1.15E-01	ND	ND	1.01E-01	3.72E-02	1.12E+00	6.74E-01	5 Point Composite of Soils under former Warehouse 2
WEAC-SS-015	8.88E-01	1.08E-01	8.81E-01	1.11E-01	ND	ND	1.62E-01	3.52E-02	5.80E-01	2.00E-01	5 Point Composite of Soils under former Warehouse 2
WEAC-SS-016	7.59E-01	9.21E-02	1.22E+00	1.40E-01	ND	ND	1.06E-01	3.07E-02	5.73E-01	1.99E-01	5 Point Composite of Soils under asphalt just west of former Warehouse 2
WEAC-SS-017	6.44E-01	9.72E-02	5.56E-01	8.23E-02	ND	ND	ND	ND	ND	ND	5 Point Composite of Soils under asphalt just south of former Warehouse 2
WEAC-SS-018	6.93E-01	7.85E-02	8.48E-01	9.33E-02	ND	ND	ND	ND	8.83E-01	2.09E-01	5 Point Composite of Soils under former Warehouse 1
WEAC-SS-019	6.93E-01	7.85E-02	8.71E-01	1.05E-01	ND	ND	ND	ND	ND	ND	5 Point Composite of Soils under former Warehouse 1
WEAC-SS-020	5.70E-01	7.37E-02	1.19E+00	1.46E-01	ND	ND	1.75E-01	4.47E-02	1.03178	4.58E-01	5 Point Composite of Soils under former Warehouse 1
WEAC-SS-021	1.01E+00	3.35E-01	1.19E+00	1.44E-01	ND	ND	2.09E-01	4.55E-02	9.36E-01	4.44E-01	5 Point Composite of Soils under asphalt just south of former Warehouse 1
WEAC-SS-022	9.44E-01	1.15E-01	9.56E-01	1.19E-01	ND	ND	1.59E-01	3.61E-02	8.88E-01	2.42E-01	5 Point Composite of Soils under asphalt just east of former Warehouse 2
WEAC-SS-023	1.12E+00	1.37E-01	1.23E+00	1.57E-01	ND	ND	2.03E-01	5.32E-02	1.61E+00	2.72E-01	5 Point Composite of Soils under asphalt just southeast of former Warehouse 2
WEAC-SS-024	6.01E-01	7.53E-02	5.91E-01	7.73E-02	ND	ND	ND	ND	2.73E-01	1.65E-01	5 Point Composite of Soils under asphalt just south of former Warehouse 2
WEAC-SS-031	1.10E+00	3.43E-01	1.87E+00	2.13E-01	ND	ND	3.22E-01	5.69E-02	5.46E+00	1.63E+00	5 Point Composite of Soils from Hot Spot 6 excavation
WEAC-SS-032	9.42E-01	1.08E-01	1.82E+00	1.97E-01	ND	ND	2.21E-01	3.99E-02	3.05E+00	3.72E-01	5 Point Composite of Soils from Hot Spot 8 excavation
WEAC-SS-033	1.22E+00	1.55E-01	2.71E+00	2.93E-01	ND	ND	2.34E-01	4.55E-02	4.10E+00	4.91E-01	5 Point Composite of Soils from Hot Spot 6 excavation
WEAC-SS-034	7.04E-01	8.11E-02	7.79E-01	8.45E-02	ND	ND	1.26E-01	2.50E-02	2.58E+00	3.13E-01	5 Point Composite of Soils from Hot Spot 10 excavation
WEAC-SS-035	7.04E-01	8.11E-02	7.80E-01	8.45E-02	ND	ND	1.26E-01	2.50E-02	2.34E+00	3.02E-01	5 Point Composite of Soils from Hot Spot 9 excavation
WEAC-SS-036	9.60E-01	1.11E-01	3.13E-01	3.37E-01	ND	ND	3.06E-01	4.72E-02	6.54E+00	8.17E-01	Judgemental soils sample North of Hot Spot 9

WEAC-SS-037	1.10E+00	1.36E-01	2.33E+00	2.74E-01	ND	ND	4.43E-01	8.29E-02	5.97E+00	1.57E+00	5 Point Composite of Soils near Hot Spot 1 excavation
WEAC-SS-038	8.66E-01	1.10E-01	2.84E+00	3.25E-01	ND	ND	7.19E-01	2.49E-01	1.18E+01	2.44E+00	5 Point Composite of Soils near Hot Spot 4 excavation
WEAC-SS-039	ND	ND	1.80E+02	1.89E+01	2.26E+02	4.76E+01	2.80E+00	9.13E-01	7.11E+00	3.22E+00	Hot Spot 4 Burial material
WEAC-SS-040	7.96E-01	1.39E-01	1.70E+02	1.82E+01	2.48E+02	5.40E+01	2.53E+00	1.04E+00	1.43E+01	4.17E+00	5 point composite of Hot Spot 4 burial material
WEAC-SS-044	0.791452	0.1093791	2.43E+02	2.61E+01	2.67E+02	4.20E+01	2.88E+00	4.81E-01	1.25E+01	1.82E+00	Hot Spot 2&3 Burial Material (Gray Tailings)
WEAC-SS-045	3.68E+00	4.35E-01	1.38E+02	1.49E+01	9.77E+01	3.09E+01	4.57E+00	8.91E-01	4.67E+01	6.01E+00	Hot Spot 2&3 Burial Material (Yellow Brown Orange Material) found under Gray Material

Detector ID	U-238 MDC @ 1hr (pCi/g)	U-238 MDC @ 12hr (pCi/g)	Th-230 MDC @ 1hr (pCi/g)	Th-230 MDC @ 12hr (pCi/g)	Ra-226 MDC @ 1hr (pCi/g)	Ra-226 MDC @ 12hr (pCi/g)	U-235 MDC @ 1hr (pCi/g)	U-235 MDC @ 12hr (pCi/g)
3	3	1	45	20	1	0.5	2	0.2
19	3	1	30	15	1	0.5	2	0.2
23 (broad energy)	1	0.5	12	6	0.5	0.2	1	0.2

<b>Th-232 MDC @ 1hr (pCi/g)</b>	<b>Th-232 MDC @ 12hr (pCi/g)</b>
1	0.5
1	0.5
0.5	0.2

## Abbreviations

SU	Sigma Uncertainty
ND	Not Detected Above Critical Level
MDC	Minimum detectable activity concentration
WAC	Waste Characterization
CHR	Characterization Survey Data
FSS	Final Status Survey Data
Mix	Sample contains concrete and asphalt