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JUL 24 1998

DOE-1036-98

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Ohio Environmental Protection Agency
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Dear Mr. Saric and Mr. Schneider:

AREA 1 STOCKPILE INVENTORY AND WASTE ACCEPTANCE CRITERIA ATTAINMENT REPORT

During the remediation of Area 1, Phase I and the construction of the On-Site Disposal Facility (OSDF), numerous stockpiles were created in the East Field of the Fernald Environmental Management Project (FEMP). In response to inquiries about the stockpiles and a desire to present information in one document, the enclosed Area 1 Stockpile Inventory and Waste Acceptance Criteria (WAC) Attainment Report was prepared. This report identifies and discusses the characteristics of each existing stockpile in Area 1, stockpile locations, OSDF WAC status, associated WAC attainment data, and management of future stockpiles.

The will proceed to implement the stockpile management plans outlined in the Area 1, Stockpile Inventory and Waste Acceptance Criteria Attainment Report.

If you should have any questions or comments, please contact Robert Janke at (513) 648-3124.

Sincerely,

Johnny Reising

FEMP:R.J. Janke

Johnny W. Reising
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1605

AREA 1 STOCKPILE INVENTORY AND WASTE ACCEPTANCE CRITERIA ATTAINMENT REPORT

FERNALD ENVIRONMENTAL MANAGEMENT PROJECT

FERNALD, OHIO

JULY 1998

INFORMATION ONLY

U.S. DEPARTMENT OF ENERGY

FERNALD AREA OFFICE

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ACRONYM LIST

EPA	U.S. Environmental Protection Agency
FEMP	Fernald Environmental Management Project
FRL	final remediation level
MTL	Material Transfer Location
OEPA	Ohio Environmental Protection Agency
OSDF	On-Site Disposal Facility
RI/FS	Remedial Investigation/Feasibility Study
WAC	waste acceptance criteria
WAO	Waste Acceptance Organization

1.0 INTRODUCTION

During the remediation of Area 1, Phase I and the construction of the On-Site Disposal Facility (OSDF), numerous stockpiles were created in the East Field of the Fernald Environmental Management Project (FEMP). These stockpiles consist of various types of material. Stockpiles of impacted material have been evaluated individually for OSDF waste acceptance criteria (WAC) status and attainment. This report will identify and generally discuss each stockpile, its WAC status, and associated data.

During a soil remediation project undertaken to achieve final remediation levels (FRLs) and during the creation of the stockpiles addressed in this report, there were two general goals driving the activities; to minimize the amount of non-impacted material being sent to the OSDF, and to minimize the amount of below-WAC material designated as above-WAC. These goals were implemented by segregating, to the extent possible, clean material, impacted material being sent to the OSDF, and material requiring off-site disposal.

There are currently 12 stockpiles in the East Field (Figure 1). The number and location of stockpiles may vary during future OSDF construction activities. However, due to the segregation goals mentioned above, all stockpiles in the East Field will fall into the following four general categories of OSDF WAC attainment status (there are no above-WAC stockpiles located in the East Field area):

- FRL certified
- Below WAC
- WAC pending
- Imported material.

Several methods are used to determine the status of a stockpile. Real-time monitoring and physical sampling are the most common methods for determining the classification of soil and soil-like material stockpiles and a visual inspection is necessary for debris stockpiles. Information about the area from which the material originated is used in the classification of all stockpiles.

FRL-certified stockpiles are created from material that has been proven to meet the Operable Unit 5 FRLs. Material from FRL-certified stockpiles will not be disposed in the OSDF, except when used for

liner and/or cap construction purposes. Below-WAC stockpiles are either created from impacted material that has been demonstrated to be below the OSDF WAC or from additional physical samples taken after the stockpile is created to prove that the material is acceptable for placement in the OSDF. Statistical analysis is not used to determine if a pile meets the OSDF WAC; the results of all samples must be below the established limits. WAC-pending stockpiles need additional physical sampling or visual observation during future loading operations to determine if the material is above or below the OSDF WAC. Stockpiles of imported material are created from deliveries of material from off-site that will be used in the construction of the OSDF and related facilities.

The following sections of this report will discuss the individual stockpiles in the East Field that fall into each of the four general stockpile categories.

2.0 FRL-CERTIFIED STOCKPILES

The following stockpiles are currently classified as "FRL certified":

- OSDF Screened Material Pile (OSD-003)
- OSDF Wood Chip Pile (OSD-010)
- OSDF Construction Topsoil Pile (OSD-004)
- OSDF Construction Grub Pile (OSD-005)
- Cell 3 Working Pile (OSD-026).

The name of each stockpile is followed by the unique Material Transfer Location (MTL) number so that they can be located on Figure 1. Because these stockpiles (with the exception of the OSDF Wood Chip Pile) consist of material that came from an FRL-certified area, the stockpiles are also classified as FRL-certified. The OSDF Wood Chip Pile was created before FRL certification of the area from which the trees were removed, however, the Wood Sampling Program (Appendix D of the Sitewide Excavation Plan) concludes that, based on physical sampling, trees encountered during remediation do not contain concentrations of contaminants above the soil FRLs and may be chipped and used as mulch at the FEMP (DOE 1998a). Therefore the OSDF Wood Chip Pile was classified as FRL certified. Because FRL-certified stockpiles are considered "clean," the material from them will be reused at the FEMP as needed without a formal review process by U.S. Environmental Protection Agency (EPA) or Ohio Environmental Protection Agency (OEPA). To the extent possible, the material in these stockpiles will be used in future construction and/or natural resource restoration work at the FEMP. However, even if this material is unsuitable for reuse at the FEMP, it will not be disposed in the OSDF or sent off-site for reuse or disposal. Significant changes to FRL-certified piles will be tracked and noted in the biweekly stockpile updates that are prepared by the Waste Acceptance Organization (WAO).

2.1 OSDF SCREENED MATERIAL PILE (OSD-003)

The OSDF Screened Material Pile is located west of the existing North Access Road and south of OSDF Cell 3. This stockpile consists of clay material excavated from OSDF Cell 1 that was unsuitable for the construction of the OSDF compacted clay liner.

2.2 OSDF WOOD CHIP PILE (OSD-010)

The OSDF Wood Chip Pile is located south of the OSDF Screened Material Pile and consists of wood chips that were created during the removal of a portion of the northern pine forest for remediation of Area 1, Phase I and for construction of the OSDF.

2.3 OSDF CONSTRUCTION TOPSOIL PILE (OSD-004)

The OSDF Construction Topsoil Pile is located south of the OSDF Wood Chip Pile and consists of topsoil that was excavated from the OSDF Cell 1 area.

2.4 OSDF CONSTRUCTION GRUB PILE (OSD-005)

The OSDF Construction Grub Pile is located south of the OSDF Construction Topsoil Pile and consists of soil mixed with large roots and other vegetative material. This pile was created during the site preparation for OSDF construction.

2.5 CELL 3 WORKING PILE (OSD-026)

The Cell 3 Working Pile is located south of the OSDF Construction Grub Pile and consists of soil from the excavation of OSDF Cells 2 and 3. This material will be used in future construction work to the extent possible.

2.6 OTHER STOCKPILES

FRL-certified stockpiles created in the future will be tracked by WAO in the biweekly stockpile updates and managed in a similar manner to the stockpiles identified above. FRL-certified stockpiles will be maintained in FRL-certified areas to prevent contamination of the stockpile due to contact with other material containing concentrations of contaminants above the FRLs.

3.0 BELOW-WAC STOCKPILES

The following stockpiles are classified as "below-WAC" based on a significant amount of physical sampling:

- Area 1, Phase I East Soil Pile (W800057)
- Area 1, Phase I West Soil Pile (W800056)
- Soil/Asphalt Pile South of Area 1, Phase I East Soil Pile (OSD-018)
- Sediment Basin Pile (OSD-007)
- North Access Road Base Pile (NAR-007).

The name of each stockpile is followed by the unique MTL number so they can be located on Figure 1. These stockpiles of impacted material were generated during the remediation of Area 1, Phase I. Because these stockpiles have been determined to be below the OSDF WAC, material from them will be disposed in the OSDF (based on the OSDF contractor's need for soil and debris as construction progresses) without further notification to EPA or OEPA. Bulk excavation of below-WAC stockpiles will be implemented using visual observation; real-time scanning will not be performed. Changes to below-WAC stockpiles will be tracked and noted in the biweekly stockpile updates prepared by WAO.

3.1 AREA 1, PHASE I EAST SOIL STOCKPILE (W800057)

The Area 1, Phase I East Soil Stockpile is located east of the former North Access Road and south of OSDF Cell 3. This stockpile consists of the soil excavated during the remediation of the eastern portion of Area 1, Phase I. In addition to existing Remedial Investigation/Feasibility Study (RI/FS) data and real-time monitoring results from the remediation of Area 1, Phase I, physical sampling of the material was performed after the stockpile was created to verify WAC attainment. In December 1997, soil from this stockpile was used to construct the protective layer of the OSDF Cell 1 liner. Since that time, the majority of the stockpile has been placed into Cell 1 of the OSDF. When all material has been placed into the OSDF, the stockpile will be removed from Figure 1. The WAC attainment results from the sampling that took place after the stockpile was created are provided in Attachment A of this stockpile inventory report.

3.2 AREA 1, PHASE I WEST SOIL STOCKPILE (W800056)

The Area 1, Phase I West Soil Stockpile is located west of the former North Access Road and north of the existing OSDF sediment basin. The stockpile consists of soil excavated from the western portion of Area 1, Phase I and from the footprints of the existing OSDF sediment basin and pump station. This stockpile will be excavated and placed in the OSDF using the same approach as the Area 1, Phase I East Soil Stockpile. Real-time monitoring was performed during remediation of Area 1, Phase I and physical sampling was performed both during remediation and after the stockpile was created. These results demonstrate that the Area 1, Phase I West Soil Stockpile meets the OSDF WAC and is acceptable for on-site disposal. The data associated with this stockpile was first presented in the Waste Acceptance Criteria Attainment Report for the Area 1, Phase I West Impacted Soil Stockpile (DOE 1998b). The sampling results are provided in Attachment B of this stockpile inventory report.

3.3 SOIL/ASPHALT PILE SOUTH OF AREA 1, PHASE I EAST SOIL PILE (OSD-018)

This stockpile is located south of the Area 1, Phase I East Soil Pile and was created with debris and some soil from the removal of the former North Access Road. Physical sampling was performed prior to removal of the North Access Road and the results of this sampling were presented in the Summary of the WAC Attainment Data for the North Access Road Certification Units and the North Entrance Road Phase I Area (DOE 1998c). Figure 2 delineates the certification units and shows the areas where the North Access Road WAC samples were collected. The material that was removed from the northern certification units (beginning with NAR on Figure 2) was placed into Stockpile OSD-018 while the material removed from certification unit NERP1, was placed into Stockpile NAR-007 (Section 3.5). The portion of the North Access Road that is labeled NAR-4 is still in use and has not yet been removed. The results of the North Access Road WAC sampling are provided in Attachment C of this stockpile inventory report. The debris in the stockpile has been visually inspected to ensure that it meets the OSDF WAC, however, WAO will also be present during loading of this material for disposal in the OSDF, in compliance with the OSDF WAC Attainment Plan (DOE 1998d).

3.4 SEDIMENT BASIN PILE (OSD-007)

The Sediment Basin Pile is located south of the existing OSDF sediment basin and west of the former North Access Road. When the OSDF Sediment Basin was constructed, a portion of the excavated material was "clean" (i.e., below FRLs) and a portion was impacted. Some of the clean material was

used in construction in the South Field and a small portion of the impacted material was placed in the Area 1, Phase I West Soil Stockpile (Section 3.2). The remainder of the clean material could not be easily segregated from the impacted material. It remained in the stockpile with the impacted material and the entire stockpile is now classified as below-WAC. Physical sampling of the sediment basin area was performed during remediation of Area 1, Phase I (prior to construction of the sediment basin) and the results demonstrate that the stockpile meets OSDF WAC. The sampling results for this stockpile were first presented in the Waste Acceptance Criteria Attainment Report, Area 1, Phase I Western Portion (DOE 1997) and are now presented in Attachment D of this stockpile inventory report.

3.5 NORTH ACCESS ROAD BASE PILE (NAR-007)

The North Access Road Base Pile is located to the east of the new North Access Road and south of the Cell 3 Working Pile. This stockpile consists of soil from under the former North Access Road. Physical sampling was performed prior to removal of the North Access Road; the results of this sampling were presented in the Summary of the WAC Attainment Data for the North Access Road Certification Units and the North Entrance Road Phase I Area (DOE 1998c). This data is now provided in Attachment C of this stockpile inventory report. The material in the North Access Road Base Pile will be disposed in the OSDF.

3.6 OTHER STOCKPILES

EPA and OEPA will be notified of any future below-WAC stockpiles created or reclassified from WAC-pending status. Agency notification will include a description of the origin of the stockpile material and data that demonstrates that the pile is below the OSDF WAC. Once EPA and OEPA concur that a stockpile is below WAC, material from the stockpile will be disposed in the OSDF without further notification to EPA or OEPA.

4.0 WAC-PENDING STOCKPILES

The following stockpiles are currently classified as "WAC pending":

- Area 1, Phase I West Debris Pile (W800010)
- Debris Pile East of Area 1, Phase I East Soil Pile (OSD-017).

The name of each stockpile is followed by the unique MTL number so it can be located on Figure 1. These stockpiles are currently classified as WAC-pending because data is being reviewed or not enough information is known to determine if the material is above or below the OSDF WAC. If any samples are taken from these stockpiles, the results will be sent to EPA and OEPA for their review before reclassification and disposal of the material. Because WAC attainment for debris stockpiles is determined at the time of loading for disposal, EPA and OEPA will be notified when a WAC-pending debris stockpile is going to be loaded. Changes to the classification of WAC-pending stockpiles will be noted in the biweekly stockpile updates that are prepared by WAO.

4.1 AREA 1, PHASE I WEST DEBRIS PILE (W800010)

The Area 1, Phase I West Debris Pile is located west of the former North Access Road and north of the Area 1, Phase I West Soil Pile. This stockpile consists of debris with fixed contamination (mostly fencing and fence posts) and soil from the Area 1, Phase I remediation and construction of the rail yard to the north of the Production Area. This debris is expected to meet the OSDF WAC, however WAC attainment has not yet been visually verified. OSDF WAC attainment for the debris will be demonstrated by WAO during load-out of this material for disposal in the OSDF, in compliance with the WAC Attainment Plan (DOE 1998d). A strategy for determining the WAC status of the soil in the stockpile has not yet been developed; it will be communicated to EPA and OEPA for their concurrence before implementation.

4.2 DEBRIS PILE EAST OF AREA 1, PHASE I EAST SOIL PILE (OSD-017)

This stockpile is located east of the Area 1, Phase I East Soil Pile and west of the FRL-certified stockpiles. The material in this stockpile was originally collected in a stockpile north of the Area 1, Phase I East Soil Pile, which was later divided into the Soil/Asphalt Pile South of Area 1, Phase I East Soil Pile and the Debris Pile East of Area 1, Phase I East Soil Pile. The Debris Pile consists of vegetative material and debris from the Area 1, Phase I remediation (a below-WAC area). This

material is expected to meet the OSDF debris WAC, however WAC attainment has not yet been visually verified. OSDF WAC attainment will be demonstrated by WAO during load-out of this material for disposal in the OSDF, in compliance with the WAC Attainment Plan (DOE 1998d).

5.0 STOCKPILES OF IMPORTED MATERIAL

Stockpiles of imported material could consist of gravel that is being used in the drainage layers of the OSDF cap and liner systems, riprap that is being used for runon/runoff control, topsoil that is being used in the OSDF vegetative layer, or other OSDF construction material that is purchased from an outside vendor and delivered to the FEMP. Because these materials will be coming from off site, it will be assumed that these stockpiles are below the FRLs and the material will be used when needed without notification to EPA or OEPA.

6.0 STOCKPILE SUMMARY

Table 6-1 provides a summary of the information discussed in this report. In addition, the table presents the current estimated volume of each stockpile.

TABLE 6-1
AREA 1 STOCKPILE SUMMARY

Stockpile Name	MTL Number	WAC Status	Current Estimated Volume (yd^3)	Destination
OSDF Screened Material Pile	OSD-003	FRL Certified	2,425	Reuse at FEMP
OSDF Wood Chip Pile	OSD-010	FRL Certified	889	Reuse at FEMP
OSDF Construction Topsoil Pile	OSD-004	FRL Certified	18,832	Reuse at FEMP
OSDF Construction Grub Pile	OSD-005	FRL Certified	5,317	Reuse at FEMP
Cell 3 Working Pile	OSD-026	FRL Certified	225	Reuse at FEMP
A1PI East Soil Pile	W800057	Below WAC	353	OSDF
A1PI West Soil Pile	W800056	Below WAC	23,282	OSDF
Soil/Asphalt Pile South of A1PI East Soil Pile	OSD-018	Below WAC	10,594	OSDF
Sediment Basin Pile	OSD-007	Below WAC	6,294	OSDF
North Access Road Base Pile	NAR-007	Below WAC	2,740	OSDF
A1PI West Debris Pile	W800010	WAC Pending	859	unknown
Debris Pile East of A1PI East Soil Pile	OSD-017	WAC Pending	260	unknown

REFERENCES

U.S. Department of Energy, 1998a, Sitewide Excavation Plan, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, OH.

U.S. Department of Energy, 1998b, Waste Acceptance Criteria Attainment Report for the Area 1, Phase I West Impacted Soil Stockpile, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, OH.

U.S. Department of Energy, 1998c, Summary of the WAC Attainment Data for the North Access Road Certification Units and the North Entrance Road Phase I Area, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, OH.

U.S. Department of Energy, 1998d, Waste Acceptance Criteria Attainment Plan for the On-Site Disposal Facility, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, OH.

U.S. Department of Energy, 1997, Waste Acceptance Criteria Attainment Report, Area 1, Phase I Western Portion, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, OH.

ATTACHMENT A
AREA 1, PHASE 1 EAST SOIL STOCKPILE WAC ATTAINMENT DATA

Sample ID	Sample Date	Top Depth (ft)	Bottom Depth (ft)	Parameter	Result	Units
A1P1EISS-A-1-R-V	27-Aug-97	1	2	Uranium, Total	24.5	mg/kg
A1P1EISS-A-2-R-V	27-Aug-97	3	4	Uranium, Total	19.3	mg/kg
A1P1EISS-A-3-R-V	27-Aug-97	5	6	Uranium, Total	10.6	mg/kg
A1P1EISS-A-4-R-V	27-Aug-97	7.5	8.5	Uranium, Total	13.1	mg/kg
A1P1EISS-B-1-R-V	27-Aug-97	2	3	Uranium, Total	15.1	mg/kg
A1P1EISS-B-2-R-V	27-Aug-97	4	5	Uranium, Total	15	mg/kg
A1P1EISS-B-3-R-V	27-Aug-97	6	7	Uranium, Total	18.1	mg/kg
A1P1EISS-B-4-R-V	27-Aug-97	7	8	Uranium, Total	23.7	mg/kg
A1P1EISS-C-1-R-V	27-Aug-97	0	1	Uranium, Total	15.3	mg/kg
A1P1EISS-C-2-R-V	27-Aug-97	3	4	Uranium, Total	18.2	mg/kg
A1P1EISS-C-3-R-V	27-Aug-97	4	5	Uranium, Total	14.1	mg/kg
A1P1EISS-C-4-R-V	27-Aug-97	9	10	Uranium, Total	12.2	mg/kg
A1P1EISS-D-1-R-V	27-Aug-97	1	2	Uranium, Total	16.6	mg/kg
A1P1EISS-D-2-R-V	27-Aug-97	5	6	Uranium, Total	14.6	mg/kg
A1P1EISS-D-3-R-V	27-Aug-97	10	11	Uranium, Total	9.47	mg/kg
A1P1EISS-D-4-R-V	27-Aug-97	14.5	15.5	Uranium, Total	27.8	mg/kg
A1P1EISS-E-1-R-V	27-Aug-97	2	3	Uranium, Total	13.5	mg/kg
A1P1EISS-E-2-R-V	27-Aug-97	6	7	Uranium, Total	12.2	mg/kg
A1P1EISS-E-3-R-V	27-Aug-97	11	12	Uranium, Total	10.5	mg/kg
A1P1EISS-E-4-R-V	27-Aug-97	14	15	Uranium, Total	2.47	mg/kg
A1P1EISS-F-1-R-V	27-Aug-97	0	1	Uranium, Total	12.2	mg/kg
A1P1EISS-F-1-R-V-D	27-Aug-97	0	1	Uranium, Total	10.5	mg/kg
A1P1EISS-F-2-R-V	27-Aug-97	4	5	Uranium, Total	8.77	mg/kg
A1P1EISS-F-3-R-V	27-Aug-97	6	7	Uranium, Total	7.68	mg/kg
A1P1EISS-F-4-R-V	27-Aug-97	11	12	Uranium, Total	26.9	mg/kg
A1P1EISS-A-1-R-V	27-Aug-97	1	2	Technetium-99	0.24	pCi/g
A1P1EISS-A-2-R-V	27-Aug-97	3	4	Technetium-99	1.4	pCi/g
A1P1EISS-A-3-R-V	27-Aug-97	5	6	Technetium-99	0.46	pCi/g
A1P1EISS-A-4-R-V	27-Aug-97	7.5	8.5	Technetium-99	0.099	pCi/g
A1P1EISS-B-1-R-V	27-Aug-97	2	3	Technetium-99	0.4	pCi/g
A1P1EISS-B-2-R-V	27-Aug-97	4	5	Technetium-99	0.28	pCi/g
A1P1EISS-B-3-R-V	27-Aug-97	6	7	Technetium-99	0.46	pCi/g
A1P1EISS-B-4-R-V	27-Aug-97	7	8	Technetium-99	0.72	pCi/g
A1P1EISS-C-1-R-V	27-Aug-97	0	1	Technetium-99	0.68	pCi/g
A1P1EISS-C-2-R-V	27-Aug-97	3	4	Technetium-99	0.63	pCi/g
A1P1EISS-C-3-R-V	27-Aug-97	4	5	Technetium-99	0.44	pCi/g
A1P1EISS-C-4-R-V	27-Aug-97	9	10	Technetium-99	0.35	pCi/g
A1P1EISS-D-1-R-V	27-Aug-97	1	2	Technetium-99	-0.13	pCi/g
A1P1EISS-D-2-R-V	27-Aug-97	5	6	Technetium-99	0.059	pCi/g
A1P1EISS-D-3-R-V	27-Aug-97	10	11	Technetium-99	0.11	pCi/g
A1P1EISS-D-4-R-V	27-Aug-97	14.5	15.5	Technetium-99	0.41	pCi/g
A1P1EISS-E-1-R-V	27-Aug-97	2	3	Technetium-99	0.6	pCi/g
A1P1EISS-E-2-R-V	27-Aug-97	6	7	Technetium-99	0.35	pCi/g
A1P1EISS-E-3-R-V	27-Aug-97	11	12	Technetium-99	0.39	pCi/g
A1P1EISS-E-4-R-V	27-Aug-97	14	15	Technetium-99	-0.4	pCi/g
A1P1EISS-F-1-R-V	27-Aug-97	0	1	Technetium-99	0.22	pCi/g
A1P1EISS-F-1-R-V-D	27-Aug-97	0	1	Technetium-99	0.32	pCi/g
A1P1EISS-F-2-R-V	27-Aug-97	4	5	Technetium-99	0.16	pCi/g
A1P1EISS-F-3-R-V	27-Aug-97	6	7	Technetium-99	1.2	pCi/g
A1P1EISS-F-4-R-V	27-Aug-97	11	12	Technetium-99	0.48	pCi/g

ATTACHMENT B
AREA 1, PHASE I WEST IMPACTED SOIL STOCKPILE WAC ATTAINMENT DATA

Sample ID	Sample Date	Top Depth (ft)	Bottom Depth (ft)	Parameter	Result	Units
A1P1WISS-1-1-R	30-Mar-98	0	1	Uranium, Total	27.84	mg/kg
A1P1WISS-1-2-R	30-Mar-98	2	3	Uranium, Total	24.86	mg/kg
A1P1WISS-1-3-R	30-Mar-98	4	5	Uranium, Total	20.30	mg/kg
A1P1WISS-2-1-R	30-Mar-98	1	2	Uranium, Total	10.09	mg/kg
A1P1WISS-2-2-R	30-Mar-98	2.5	3.5	Uranium, Total	11.51	mg/kg
A1P1WISS-2-3-R	30-Mar-98	4.5	5.5	Uranium, Total	13.10	mg/kg
A1P1WISS-3-1-R	24-Mar-98	3.5	4.5	Uranium, Total	22.40	mg/kg
A1P1WISS-3-2-R	24-Mar-98	6	7	Uranium, Total	25.40	mg/kg
A1P1WISS-3-3-R	24-Mar-98	9	10	Uranium, Total	20.50	mg/kg
A1P1WISS-3-4-R	24-Mar-98	12.5	13.5	Uranium, Total	26.60	mg/kg
A1P1WISS-4-1-R	25-Mar-98	1	2	Uranium, Total	34.10	mg/kg
A1P1WISS-4-2-R	25-Mar-98	3.5	4.5	Uranium, Total	18.50	mg/kg
A1P1WISS-4-3-R	25-Mar-98	8.5	9.5	Uranium, Total	18.50	mg/kg
A1P1WISS-5-1-R	24-Mar-98	0	1	Uranium, Total	11.10	mg/kg
A1P1WISS-5-2-R	24-Mar-98	2.5	3.5	Uranium, Total	42.20	mg/kg
A1P1WISS-5-3-R	24-Mar-98	11	12	Uranium, Total	24.70	mg/kg
A1P1WISS-6-1-R	24-Mar-98	2	3	Uranium, Total	13.20	mg/kg
A1P1WISS-6-2-R	24-Mar-98	6	7	Uranium, Total	17.70	mg/kg
A1P1WISS-6-3-R	24-Mar-98	12.5	13.5	Uranium, Total	20.70	mg/kg
A1P1WISS-7-1-R	25-Mar-98	0	1	Uranium, Total	28.00	mg/kg
A1P1WISS-7-2-R	25-Mar-98	3.5	4.5	Uranium, Total	27.70	mg/kg
A1P1WISS-7-3-R	25-Mar-98	5	6	Uranium, Total	26.30	mg/kg
A1P1WISS-7-4-R	25-Mar-98	10.5	11.5	Uranium, Total	12.20	mg/kg
A1P1WISS-8-1-R	19-Mar-98	0	1	Uranium, Total	14.47	mg/kg
A1P1WISS-8-2-R	19-Mar-98	1.5	2.5	Uranium, Total	19.62	mg/kg
A1P1WISS-8-3-R	19-Mar-98	4.5	5.5	Uranium, Total	23.63	mg/kg
A1P1WISS-8-4-R	19-Mar-98	12.5	13.5	Uranium, Total	16.37	mg/kg
A1P1WISS-9-1-R	30-Mar-98	0	1	Uranium, Total	18.47	mg/kg
A1P1WISS-9-2-R	30-Mar-98	3	4	Uranium, Total	37.05	mg/kg
A1P1WISS-9-3-R	30-Mar-98	4	5	Uranium, Total	37.34	mg/kg
A1P1WISS-10-1-R	25-Mar-98	0	1	Technetium-99	1.14	pCi/g
A1P1WISS-10-1-R	25-Mar-98	0	1	Uranium, Total	27.30	mg/kg
A1P1WISS-10-2-R	25-Mar-98	6	7	Uranium, Total	17.20	mg/kg
A1P1WISS-10-2-R	25-Mar-98	6	7	Technetium-99	0.62	pCi/g
A1P1WISS-10-3-R	25-Mar-98	10	11	Uranium, Total	23.10	mg/kg
A1P1WISS-10-3-R	25-Mar-98	10	11	Technetium-99	1.21	pCi/g
A1P1WISS-11-1-R	19-Mar-98	0	1	Uranium, Total	15.21	mg/kg
A1P1WISS-11-2-R	19-Mar-98	7	8	Uranium, Total	17.61	mg/kg
A1P1WISS-11-3-R	19-Mar-98	11	12	Uranium, Total	14.05	mg/kg
A1P1WISS-11-4-R	19-Mar-98	15.5	16.5	Uranium, Total	20.69	mg/kg
A1P1WISS-12-1-R	24-Mar-98	2.5	3.5	Uranium, Total	29.20	mg/kg
A1P1WISS-12-2-R	24-Mar-98	8.5	9.5	Uranium, Total	10.00	mg/kg
A1P1WISS-12-3-R	24-Mar-98	10.5	11.5	Uranium, Total	36.70	mg/kg
A1P1WISS-13-1-R	25-Mar-98	0.5	1.5	Uranium, Total	26.40	mg/kg
A1P1WISS-13-2-R	25-Mar-98	2	3	Uranium, Total	15.30	mg/kg
A1P1WISS-13-3-R	25-Mar-98	4.5	5.5	Uranium, Total	17.70	mg/kg
A1P1WISS-13-4-R	25-Mar-98	11.5	12.5	Uranium, Total	41.60	mg/kg

ATTACHMENT B
AREA 1, PHASE I WEST IMPACTED SOIL STOCKPILE WAC ATTAINMENT DATA

Sample ID	Sample Date	Top Depth (ft)	Bottom Depth (ft)	Parameter	Result	Units
A1P1WISS-14-1-R	23-Mar-98	3.5	4.5	Uranium, Total	20.90	mg/kg
A1P1WISS-14-2-R	23-Mar-98	6.5	7.5	Uranium, Total	15.50	mg/kg
A1P1WISS-14-3-R	23-Mar-98	12.5	13.5	Uranium, Total	21.00	mg/kg
A1P1WISS-15-1-R	24-Mar-98	0	1	Uranium, Total	15.20	mg/kg
A1P1WISS-15-2-R	24-Mar-98	4	5	Uranium, Total	23.30	mg/kg
A1P1WISS-15-3-R	24-Mar-98	8.5	9.5	Uranium, Total	23.50	mg/kg
A1P1WISS-15-4-R	24-Mar-98	14	15	Uranium, Total	10.80	mg/kg
A1P1WISS-16-1-R	26-Mar-98	0	1	Uranium, Total	30.10	mg/kg
A1P1WISS-16-2-R	26-Mar-98	1.5	2.5	Uranium, Total	27.51	mg/kg
A1P1WISS-16-3-R	26-Mar-98	6	7	Uranium, Total	17.40	mg/kg
A1P1WISS-17-1-R	30-Mar-98	0	1	Uranium, Total	26.40	mg/kg
A1P1WISS-17-2-R	30-Mar-98	2.5	3.5	Uranium, Total	14.80	mg/kg
A1P1WISS-17-3-R	30-Mar-98	4	5	Uranium, Total	14.50	mg/kg
A1P1WISS-18-1-R	24-Mar-98	0	1	Uranium, Total	7.20	mg/kg
A1P1WISS-18-2-R	24-Mar-98	1.5	2.5	Uranium, Total	18.40	mg/kg
A1P1WISS-18-3-R	24-Mar-98	10.5	11.5	Uranium, Total	29.40	mg/kg
A1P1WISS-19-1-R	23-Mar-98	0	1	Uranium, Total	15.40	mg/kg
A1P1WISS-19-1-R	23-Mar-98	0	1	Technetium-99	0.35	pCi/g
A1P1WISS-19-2-R	23-Mar-98	1	2	Uranium, Total	15.30	mg/kg
A1P1WISS-19-2-R	23-Mar-98	1	2	Technetium-99	0.27	pCi/g
A1P1WISS-19-3-R	23-Mar-98	2	3	Technetium-99	0.45	pCi/g
A1P1WISS-19-3-R	23-Mar-98	2	3	Uranium, Total	14.90	mg/kg
A1P1WISS-19-4-R	23-Mar-98	3	4	Technetium-99	0.06	pCi/g
A1P1WISS-19-4-R	23-Mar-98	3	4	Uranium, Total	10.80	mg/kg
A1P1WISS-20-1-R	23-Mar-98	0.5	1.5	Uranium, Total	17.20	mg/kg
A1P1WISS-20-1-R	23-Mar-98	0.5	1.5	Technetium-99	0.18	pCi/g
A1P1WISS-20-2-R	23-Mar-98	1.5	2.5	Technetium-99	0.16	pCi/g
A1P1WISS-20-2-R	23-Mar-98	1.5	2.5	Uranium, Total	18.30	mg/kg
A1P1WISS-20-3-R	23-Mar-98	2.5	3.5	Uranium, Total	15.40	mg/kg
A1P1WISS-20-3-R	23-Mar-98	2.5	3.5	Technetium-99	0.18	pCi/g
A1P1WISS-20-4-R	23-Mar-98	3.5	4.5	Uranium, Total	15.60	mg/kg
A1P1WISS-20-4-R	23-Mar-98	3.5	4.5	Technetium-99	0.33	pCi/g
A1P1WISS-21-1-R	25-Mar-98	3	4	Uranium, Total	20.10	mg/kg
A1P1WISS-21-1-R	25-Mar-98	3	4	Technetium-99	0.91	pCi/g
A1P1WISS-21-2-R	25-Mar-98	4	5	Technetium-99	0.64	pCi/g
A1P1WISS-21-2-R	25-Mar-98	4	5	Uranium, Total	12.50	mg/kg
A1P1WISS-21-3-R	25-Mar-98	5	6	Uranium, Total	18.80	mg/kg
A1P1WISS-21-3-R	25-Mar-98	5	6	Technetium-99	0.72	pCi/g
A1P1WISS-21-4-R	25-Mar-98	6	7	Uranium, Total	24.56	mg/kg
A1P1WISS-21-4-R	25-Mar-98	6	7	Technetium-99	0.83	pCi/g
A1P1WISS-22-1-R	26-Mar-98	2.5	3.5	Uranium, Total	20.96	mg/kg
A1P1WISS-22-1-R	26-Mar-98	2.5	3.5	Technetium-99	0.28	pCi/g
A1P1WISS-22-2-R	26-Mar-98	3.5	4.5	Uranium, Total	17.13	mg/kg
A1P1WISS-22-2-R	26-Mar-98	3.5	4.5	Technetium-99	0.59	pCi/g
A1P1WISS-22-3-R	26-Mar-98	4.5	5.5	Technetium-99	0.62	pCi/g
A1P1WISS-22-3-R	26-Mar-98	4.5	5.5	Uranium, Total	20.02	mg/kg
A1P1WISS-22-4-R	26-Mar-98	5.5	6.5	Uranium, Total	26.50	mg/kg

ATTACHMENT B
AREA 1, PHASE I WEST IMPACTED SOIL STOCKPILE WAC ATTAINMENT DATA

Sample ID	Sample Date	Top Depth (ft)	Bottom Depth (ft)	Parameter	Result	Units
A1P1WISS-22-4-R	26-Mar-98	5.5	6.5	Technetium-99	0.46	pCi/g
A1P1WISS-23-1-R	30-Mar-98	0	0.5	Technetium-99	0.80	pCi/g
A1P1WISS-23-1-R	30-Mar-98	0	0.5	Uranium, Total	26.30	mg/kg
A1P1WISS-23-2-R	30-Mar-98	0.5	1	Technetium-99	0.54	pCi/g
A1P1WISS-23-2-R	30-Mar-98	0.5	1	Uranium, Total	25.20	mg/kg
A1P1WISS-24-1-R	30-Mar-98	0	0.5	Technetium-99	0.74	pCi/g
A1P1WISS-24-1-R	30-Mar-98	0	0.5	Uranium, Total	40.70	mg/kg
A1P1WISS-24-2-R	30-Mar-98	0.5	1	Uranium, Total	43.60	mg/kg
A1P1WISS-24-2-R	30-Mar-98	0.5	1	Technetium-99	0.75	pCi/g
A1P1WISS-25-1-R	30-Mar-98	0	0.5	Uranium, Total	46.30	mg/kg
A1P1WISS-25-1-R	30-Mar-98	0	0.5	Technetium-99	1.12	pCi/g
A1P1WISS-25-2-R	30-Mar-98	0.5	1	Uranium, Total	14.60	mg/kg
A1P1WISS-25-2-R	30-Mar-98	0.5	1	Technetium-99	0.53	pCi/g
A1P1WISS-26-1-R	30-Mar-98	0	0.5	Technetium-99	0.37	pCi/g
A1P1WISS-26-1-R	30-Mar-98	0	0.5	Uranium, Total	15.30	mg/kg
A1P1WISS-26-2-R	30-Mar-98	0.5	1	Technetium-99	0.32	pCi/g
A1P1WISS-26-2-R	30-Mar-98	0.5	1	Uranium, Total	25.90	mg/kg
A1P1WISS-27-1-R	19-Mar-98	0	0.5	Uranium, Total	12.89	mg/kg
A1P1WISS-28-1-R	19-Mar-98	0	0.5	Uranium, Total	25.47	mg/kg
A1P1WISS-29-1-R	19-Mar-98	0	0.5	Uranium, Total	15.09	mg/kg
A1P1WISS-30-1-R	19-Mar-98	0	0.5	Uranium, Total	19.91	mg/kg

ATTACHMENT C
NORTH ACCESS ROAD WAC ATTAINMENT DATA

Sample ID	Sample Date	Top Depth (ft)	Bottom Depth (ft)	Parameter	Result	Units
NAR-1-1W-R	08-Mar-97	0	0.5	Uranium, Total	16	mg/kg
NAR-1-2W-R	08-Mar-97	0	0.5	Uranium, Total	16	mg/kg
NAR-1-3W-R	08-Mar-97	0	0.5	Uranium, Total	15	mg/kg
NAR-1-4W-R	10-Mar-97	0	0.5	Uranium, Total	20	mg/kg
NAR-1-5W-R	08-Mar-97	0	0.5	Uranium, Total	7	mg/kg
NAR-1-6W-R	08-Mar-97	0	0.5	Uranium, Total	12	mg/kg
NAR-1-7W-R	08-Mar-97	0	0.5	Uranium, Total	13	mg/kg
NAR-1-8W-R	25-Mar-97	0	0.42	Uranium, Total	31	mg/kg
NAR-1-9W-R	09-Mar-97	0	0.5	Uranium, Total	12	mg/kg
NAR-1-10W-R	10-Mar-97	0.42	0.92	Uranium, Total	8	mg/kg
NAR-1-11W-R	09-Mar-97	0	0.5	Uranium, Total	5	mg/kg
NAR-1-12W-R	09-Mar-97	0	0.5	Uranium, Total	8	mg/kg
NAR-1-13W-R	08-Mar-97	0	0.5	Uranium, Total	29	mg/kg
NAR-1-14W-R	08-Mar-97	0	0.5	Uranium, Total	34	mg/kg
NAR-1-15W-R	08-Mar-97	0	0.5	Uranium, Total	21	mg/kg
NAR-1-16W-R	11-Mar-97	0.92	1.25	Uranium, Total	8	mg/kg
NAR-2-1W-R	11-Mar-97	0	0.5	Uranium, Total	7	mg/kg
NAR-2-2W-R	10-Mar-97	0.17	0.67	Uranium, Total	9	mg/kg
NAR-2-3W-R	10-Mar-97	0.33	0.83	Uranium, Total	4	mg/kg
NAR-2-4W-R	10-Mar-97	0.17	0.67	Uranium, Total	5	mg/kg
NAR-2-5W-R	11-Mar-97	0	0.5	Uranium, Total	8	mg/kg
NAR-2-6W-R	11-Mar-97	0	0.5	Uranium, Total	9	mg/kg
NAR-2-7W-R	11-Mar-97	0	0.5	Uranium, Total	7	mg/kg
NAR-2-8W-R	11-Mar-97	0	0.5	Uranium, Total	6	mg/kg
NAR-2-9W-R	11-Mar-97	0	0.5	Uranium, Total	6	mg/kg
NAR-2-10W-R	11-Mar-97	0	0.5	Uranium, Total	12	mg/kg
NAR-2-11W-R	12-Mar-97	0	0.5	Uranium, Total	4	mg/kg
NAR-2-12W-R	12-Mar-97	0	0.5	Uranium, Total	4	mg/kg
NAR-2-13W-R	12-Mar-97	0	0.5	Uranium, Total	3	mg/kg
NAR-2-14W-R	08-Mar-97	0	0.5	Uranium, Total	8	mg/kg
NAR-2-15W-R	08-Mar-97	0	0.5	Uranium, Total	20	mg/kg
NAR-2-16W-R	08-Mar-97	0	0.5	Uranium, Total	5	mg/kg
NAR-3-1W-R	08-Mar-97	1.42	1.92	Uranium, Total	4	mg/kg
NAR-3-2W-R	08-Mar-97	1.66	2.17	Uranium, Total	4	mg/kg
NAR-3-3W-R	09-Mar-97	1.42	1.92	Uranium, Total	4	mg/kg
NAR-3-4W-R	08-Mar-97	1.5	2	Uranium, Total	5	mg/kg
NAR-3-5W-R	08-Mar-97	1.25	1.75	Uranium, Total	4	mg/kg
NAR-3-6W-R	08-Mar-97	1.42	1.92	Uranium, Total	3	mg/kg
NAR-3-7W-R	08-Mar-97	1.42	1.92	Uranium, Total	3	mg/kg
NAR-3-8W-R	08-Mar-97	1.42	1.92	Uranium, Total	3	mg/kg
NAR-3-9W-R	09-Mar-97	1.25	1.75	Uranium, Total	3	mg/kg
NAR-3-10W-R	09-Mar-97	1.08	1.25	Uranium, Total	4	mg/kg
NAR-3-11W-R	09-Mar-97	0.92	1.42	Uranium, Total	4	mg/kg
NAR-3-12W-R	11-Mar-97	1.67	2.17	Uranium, Total	6	mg/kg
NAR-3-13W-R	11-Mar-97	1.5	2	Uranium, Total	10	mg/kg
NAR-3-14W-R	11-Mar-97	1.42	1.92	Uranium, Total	8	mg/kg
NAR-3-16W-R	11-Mar-97	1.08	1.58	Uranium, Total	3	mg/kg
NAR-4-3W-R	12-Mar-97	1.08	1.58	Uranium, Total	3	mg/kg
NAR-4-6W-R	11-Mar-97	1.25	1.75	Uranium, Total	4	mg/kg

ATTACHMENT C
NORTH ACCESS ROAD WAC ATTAINMENT DATA

Sample ID	Sample Date	Top Depth (ft)	Bottom Depth (ft)	Parameter	Result	Units
NAR-5-1W-R	19-Mar-97	0	0.5	Uranium, Total	8	mg/kg
NAR-5-2W-R	19-Mar-97	0	0.5	Uranium, Total	38	mg/kg
NAR-5-3W-R	19-Mar-97	0	0.5	Uranium, Total	22	mg/kg
NAR-5-4W-R	19-Mar-97	0	0.5	Uranium, Total	15	mg/kg
NAR-5-5W-R	19-Mar-97	0	0.5	Uranium, Total	18	mg/kg
NAR-5-6W-R	19-Mar-97	0	0.5	Uranium, Total	25	mg/kg
NAR-5-7W-R	19-Mar-97	0	0.33	Uranium, Total	11	mg/kg
NAR-5-8W-R	19-Mar-97	0	0.5	Uranium, Total	28	mg/kg
NAR-5-9W-R	17-Mar-97	0	0.5	Uranium, Total	24	mg/kg
NAR-5-10W-R	17-Mar-97	0	0.5	Uranium, Total	19	mg/kg
NAR-5-11W-R	17-Mar-97	0	0.5	Uranium, Total	14	mg/kg
NAR-5-12W-R	17-Mar-97	0	0.5	Uranium, Total	16	mg/kg
NAR-5-13W-R	17-Mar-97	0	0.5	Uranium, Total	14	mg/kg
NAR-5-14W-R	17-Mar-97	0	0.5	Uranium, Total	18	mg/kg
NAR-5-15W-R	13-Mar-97	0	0.5	Uranium, Total	12	mg/kg
NAR-6-1W-R	19-Mar-97	0	0.5	Uranium, Total	6	mg/kg
NAR-6-2W-R	13-Mar-97	0	0.5	Uranium, Total	14	mg/kg
NAR-6-3W-R	13-Mar-97	0	0.5	Uranium, Total	7	mg/kg
NAR-6-4W-R	17-Mar-97	0	0.5	Uranium, Total	5	mg/kg
NAR-6-5W-R	17-Mar-97	0	0.5	Uranium, Total	3	mg/kg
NAR-6-6W-R	13-Mar-97	0	0.5	Uranium, Total	11	mg/kg
NAR-6-7W-R	17-Mar-97	0	0.5	Uranium, Total	3	mg/kg
NAR-6-8W-R	12-Mar-97	0	0.5	Uranium, Total	8	mg/kg
NAR-6-9W-R	13-Mar-97	0.08	0.5	Uranium, Total	13	mg/kg
NAR-6-10W-R	25-Mar-97	0	0.5	Uranium, Total	7	mg/kg
NAR-6-11W-R	12-Mar-97	0	0.5	Uranium, Total	8	mg/kg
NAR-6-12W-R	12-Mar-97	0	0.5	Uranium, Total	11	mg/kg
NAR-6-13W-R	12-Mar-97	0	0.5	Uranium, Total	8	mg/kg
NAR-6-14W-R	12-Mar-97	0	0.5	Uranium, Total	10	mg/kg
NAR-6-15W-R	20-Mar-97	0	0.5	Uranium, Total	6	mg/kg
NAR-6-16W-R	20-Mar-97	0	0.5	Uranium, Total	5	mg/kg
Q20-14DT-770049	15-Oct-96	not available	not available	Uranium, Total	28	mg/kg
NERP1-1W-R	25-Jun-97	0	0.5	Uranium, Total	41	mg/kg
NERP1-2W-R	25-Jun-97	0	0.5	Uranium, Total	38	mg/kg
NERP1-3W-R	25-Jun-97	0	0.5	Uranium, Total	14	mg/kg
NERP1-4W-R	25-Jun-97	0	0.5	Uranium, Total	27	mg/kg
NERP1-4W-R-D	25-Jun-97	0	0.5	Uranium, Total	39	mg/kg
NERP1-5W-R	25-Jun-97	0	0.5	Uranium, Total	46	mg/kg
NERP1-6W-R	25-Jun-97	0	0.5	Uranium, Total	12	mg/kg
NERP1-7W-R	25-Jun-97	0	0.5	Uranium, Total	43	mg/kg
NERP1-8W-R	25-Jun-97	0	0.5	Uranium, Total	37	mg/kg
NERP1-9W-R	25-Jun-97	0	0.5	Uranium, Total	41	mg/kg
NERP1-10W-R	25-Jun-97	0	0.5	Uranium, Total	59	mg/kg
NERP1-11W-R	25-Jun-97	0	0.5	Uranium, Total	26	mg/kg
NERP1-12W-R	25-Jun-97	0	0.5	Uranium, Total	33	mg/kg
NERP1-13W-R	25-Jun-97	0	0.5	Uranium, Total	63	mg/kg
NERP1-14W-R	25-Jun-97	0	0.5	Uranium, Total	15	mg/kg
NERP1-15W-R	25-Jun-97	0	0.5	Uranium, Total	34	mg/kg
NERP1-16W-R	25-Jun-97	0	0.5	Uranium, Total	32	mg/kg

ATTACHMENT D
SEDIMENT BASIN PILE DATA

Sample ID	Sample Date	Top Depth (ft)	Bottom Depth (ft)	Parameter	Result	Units
OSB-01W-A-R	30-Jan-97	0	0.5	Uranium, Total	88	mg/kg
OSB-01W-B-R	04-Mar-97	0	0.5	Uranium, Total	10	mg/kg
OSB-02W-B-R	31-Jan-97	0	0.5	Uranium, Total	13	mg/kg
OSB-03W-A-R	30-Jan-97	0	0.5	Uranium, Total	44	mg/kg
OSB-03W-B-R	04-Mar-97	0	0.5	Uranium, Total	12	mg/kg
OSB-03W-C-R	04-Mar-97	0	0.5	Uranium, Total	3	mg/kg
OSB-03W-D-R	04-Mar-97	0	0.5	Uranium, Total	4	mg/kg
OSB-04W-B-R	31-Jan-97	0	0.5	Uranium, Total	38	mg/kg
OSB-05W-A-R	30-Jan-97	0	0.5	Uranium, Total	50	mg/kg
OSB-05W-B-R	04-Mar-97	0	0.5	Uranium, Total	39	mg/kg
OSB-06W-B-R	31-Jan-97	0	0.5	Uranium, Total	45	mg/kg
OSB-1W-1B-R	15-Apr-97	0	0.5	Uranium, Total	14	mg/kg
OSB-1W-2B-R	15-Apr-97	0	0.5	Uranium, Total	3	mg/kg
OSB-1W-3B-R	15-Apr-97	0	0.5	Uranium, Total	9	mg/kg
OSB-1W-4B-R	15-Apr-97	0	0.5	Uranium, Total	31	mg/kg
OSB-1W-5B-R	15-Apr-97	0	0.5	Uranium, Total	8.5	mg/kg
OSB-1W-6B-R	15-Apr-97	0	0.5	Uranium, Total	8.6	mg/kg
OSB-1W-7B-R	15-Apr-97	0	0.5	Uranium, Total	11.4	mg/kg
OSB-1W-8B-R	15-Apr-97	0	0.5	Uranium, Total	33.1	mg/kg
OSB-1W-9B-R	15-Apr-97	0	0.5	Uranium, Total	14.6	mg/kg
OSB-1W-10B-R	15-Apr-97	0	0.5	Uranium, Total	15.1	mg/kg
OSB-1W-11B-R	15-Apr-97	0	0.5	Uranium, Total	12.4	mg/kg
OSB-1W-12B-R	15-Apr-97	0	0.5	Uranium, Total	11.4	mg/kg
OSB-1W-13B-R	15-Apr-97	0	0.5	Uranium, Total	12.8	mg/kg
OSB-1W-14B-R	15-Apr-97	0	0.5	Uranium, Total	13.1	mg/kg
OSB-1W-15B-R	15-Apr-97	0	0.5	Uranium, Total	12.8	mg/kg
OSB-1W-16B-R	15-Apr-97	0	0.5	Uranium, Total	2.2	mg/kg
OSB-2W-1B-R	01-Apr-97	0	0.5	Uranium, Total	4	mg/kg
OSB-2W-2B-R	01-Apr-97	0	0.5	Uranium, Total	3	mg/kg
OSB-2W-3B-R	01-Apr-97	0	0.5	Uranium, Total	3	mg/kg
OSB-2W-4B-R	01-Apr-97	0	0.5	Uranium, Total	3	mg/kg
OSB-2W-5B-R	01-Apr-97	0	0.5	Uranium, Total	10	mg/kg
OSB-2W-6B-R	01-Apr-97	0	0.5	Uranium, Total	3	mg/kg
OSB-2W-7B-R	01-Apr-97	0	0.5	Uranium, Total	7	mg/kg
OSB-2W-8B-R	01-Apr-97	0	0.5	Uranium, Total	4	mg/kg
OSB-2W-9B-R	02-Apr-97	0	0.5	Uranium, Total	4	mg/kg
OSB-2W-10B-R	02-Apr-97	0	0.5	Uranium, Total	4	mg/kg
OSB-2W-11B-R	02-Apr-97	0	0.5	Uranium, Total	4	mg/kg
OSB-2W-12B-R	02-Apr-97	0	0.5	Uranium, Total	4	mg/kg
OSB-2W-13B-R	17-Apr-97	0	0.5	Uranium, Total	26.7	mg/kg
OSB-2W-14B-R	02-Apr-97	0	0.5	Uranium, Total	15	mg/kg
OSB-2W-15B-R	02-Apr-97	0	0.5	Uranium, Total	15	mg/kg
OSB-2W-16B-R	02-Apr-97	0	0.5	Uranium, Total	20	mg/kg
OSB-3W-1B-R	15-Apr-97	0	0.5	Uranium, Total	11	mg/kg
OSB-3W-2B-R	15-Apr-97	0	0.5	Uranium, Total	2	mg/kg
OSB-3W-3B-R	15-Apr-97	0	0.5	Uranium, Total	12	mg/kg
OSB-3W-4B-R	15-Apr-97	0	0.5	Uranium, Total	3	mg/kg
OSB-3W-5B-R	15-Apr-97	0	0.5	Uranium, Total	12	mg/kg
OSB-3W-6B-R	14-Apr-97	0	0.5	Uranium, Total	16	mg/kg
OSB-3W-7B-R	14-Apr-97	0	0.5	Uranium, Total	14	mg/kg

ATTACHMENT D
SEDIMENT BASIN PILE DATA

Sample ID	Sample Date	Top Depth (ft)	Bottom Depth (ft)	Parameter	Result	Units
OSB-3W-8B-R	15-Apr-97	0	0.5	Uranium, Total	2	mg/kg
OSB-3W-9B-R	14-Apr-97	0	0.5	Uranium, Total	11	mg/kg
OSB-3W-10B-R	14-Apr-97	0	0.5	Uranium, Total	62	mg/kg
OSB-3W-11B-R	14-Apr-97	0	0.5	Uranium, Total	18	mg/kg
OSB-3W-12B-R	15-Apr-97	0	0.5	Uranium, Total	2	mg/kg
OSB-3W-13B-R	14-Apr-97	0	0.5	Uranium, Total	12	mg/kg
OSB-3W-14B-R	14-Apr-97	0	0.5	Uranium, Total	19	mg/kg
OSB-3W-15B-R	14-Apr-97	0	0.5	Uranium, Total	6	mg/kg
OSB-3W-16B-R	14-Apr-97	0	0.5	Uranium, Total	7	mg/kg
OSB-4W-1B-R	03-Apr-97	0	0.5	Uranium, Total	19.1	mg/kg
OSB-4W-2B-R	03-Apr-97	0	0.5	Uranium, Total	6	mg/kg
OSB-4W-3B-R	07-Apr-97	0	0.5	Uranium, Total	9	mg/kg
OSB-4W-4B-R	07-Apr-97	0	0.5	Uranium, Total	7	mg/kg
OSB-4W-5B-R	07-Apr-97	0	0.5	Uranium, Total	16	mg/kg
OSB-4W-6B-R	07-Apr-97	0	0.5	Uranium, Total	14	mg/kg
OSB-4W-7B-R	07-Apr-97	0	0.5	Uranium, Total	14	mg/kg
OSB-4W-8B-R	07-Apr-97	0	0.5	Uranium, Total	35	mg/kg
OSB-4W-9B-R	03-Apr-97	0	0.5	Uranium, Total	14	mg/kg
OSB-4W-10B-R	07-Apr-97	0	0.5	Uranium, Total	11	mg/kg
OSB-4W-11B-R	07-Apr-97	0	0.5	Uranium, Total	11	mg/kg
OSB-4W-12B-R	07-Apr-97	0	0.5	Uranium, Total	13	mg/kg
OSB-4W-13B-R	07-Apr-97	0	0.5	Uranium, Total	20	mg/kg
OSB-4W-14B-R	07-Apr-97	0	0.5	Uranium, Total	21	mg/kg
OSB-4W-15B-R	07-Apr-97	0	0.5	Uranium, Total	11	mg/kg
OSB-4W-16B-R	07-Apr-97	0	0.5	Uranium, Total	5	mg/kg
OSB-5W-1B-R	09-Apr-97	0	0.5	Uranium, Total	9.4	mg/kg
OSB-5W-2B-R	09-Apr-97	0	0.5	Uranium, Total	24.2	mg/kg
OSB-5W-3B-R	09-Apr-97	0	0.5	Uranium, Total	50.4	mg/kg
OSB-5W-4B-R	09-Apr-97	0	0.5	Uranium, Total	1.7	mg/kg
OSB-5W-5B-R	09-Apr-97	0	0.5	Uranium, Total	7.8	mg/kg
OSB-5W-6B-R	09-Apr-97	0	0.5	Uranium, Total	21.9	mg/kg
OSB-5W-7B-R	08-Apr-97	0	0.5	Uranium, Total	19.1	mg/kg
OSB-5W-8B-R	08-Apr-97	0	0.5	Uranium, Total	3.1	mg/kg
OSB-5W-9B-R	08-Apr-97	0	0.5	Uranium, Total	12.9	mg/kg
OSB-5W-10B-R	08-Apr-97	0	0.5	Uranium, Total	19.6	mg/kg
OSB-5W-11B-R	08-Apr-97	0	0.5	Uranium, Total	15.1	mg/kg
OSB-5W-12B-R	08-Apr-97	0	0.5	Uranium, Total	1.7	mg/kg
OSB-5W-13B-R	08-Apr-97	0	0.5	Uranium, Total	8.3	mg/kg
OSB-5W-14B-R	08-Apr-97	0	0.5	Uranium, Total	6.3	mg/kg
OSB-5W-15B-R	08-Apr-97	0	0.5	Uranium, Total	22.3	mg/kg
OSB-5W-16B-R	08-Apr-97	0	0.5	Uranium, Total	1	mg/kg
SDBSN-W-1	18-Feb-97	0	0.5	Uranium, Total	12	mg/kg
SDBSN-W-2	18-Feb-97	0	0.5	Uranium, Total	11	mg/kg
SDBSN-W-3	18-Feb-97	0	0.5	Uranium, Total	13	mg/kg
SDBSN-W-4	18-Feb-97	0	0.5	Uranium, Total	10	mg/kg
SDBSN-W-5	18-Feb-97	0	0.5	Uranium, Total	8	mg/kg

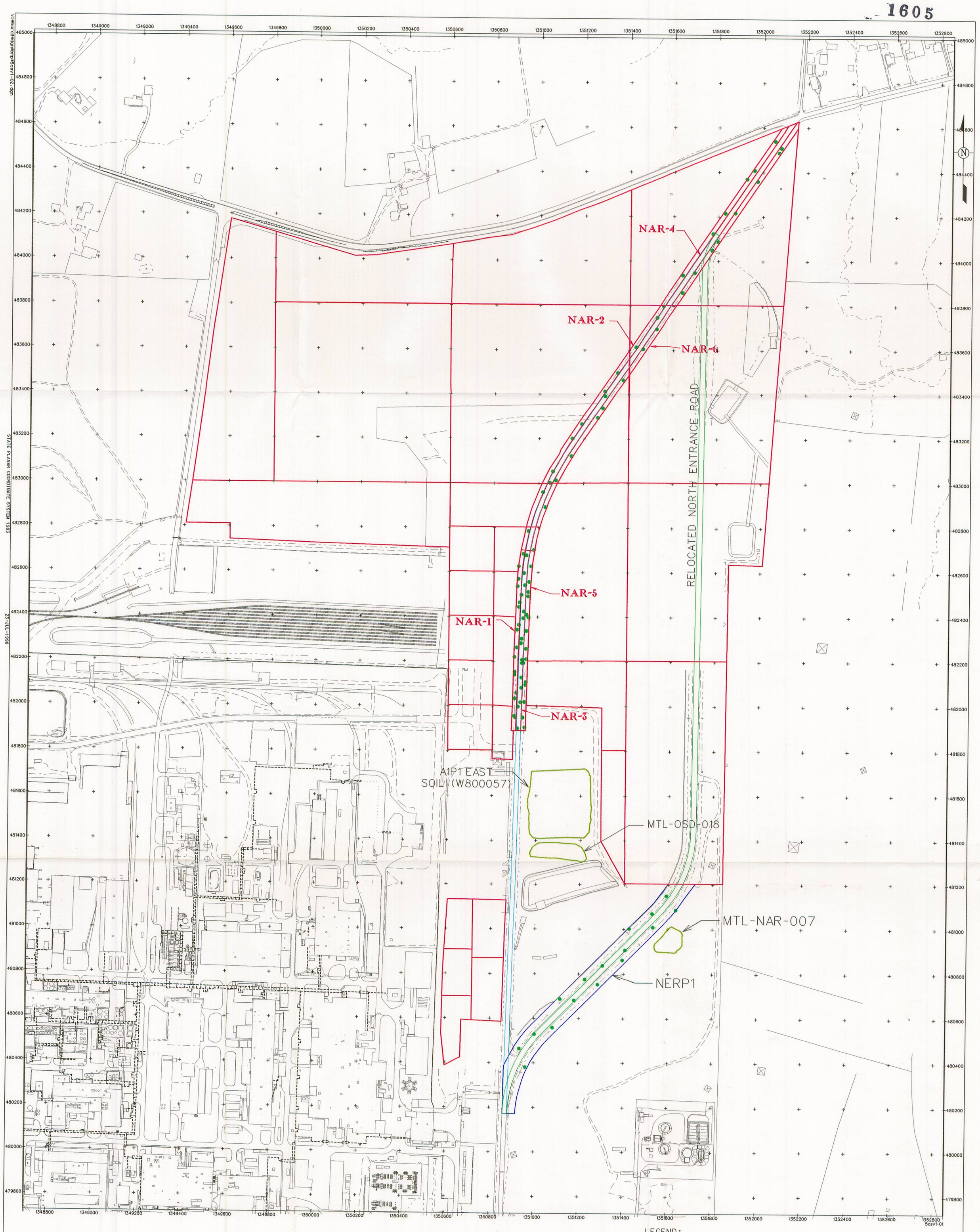

FIGURE 2. NORTH ACCESS ROAD WAC SAMPLE LOCATIONS

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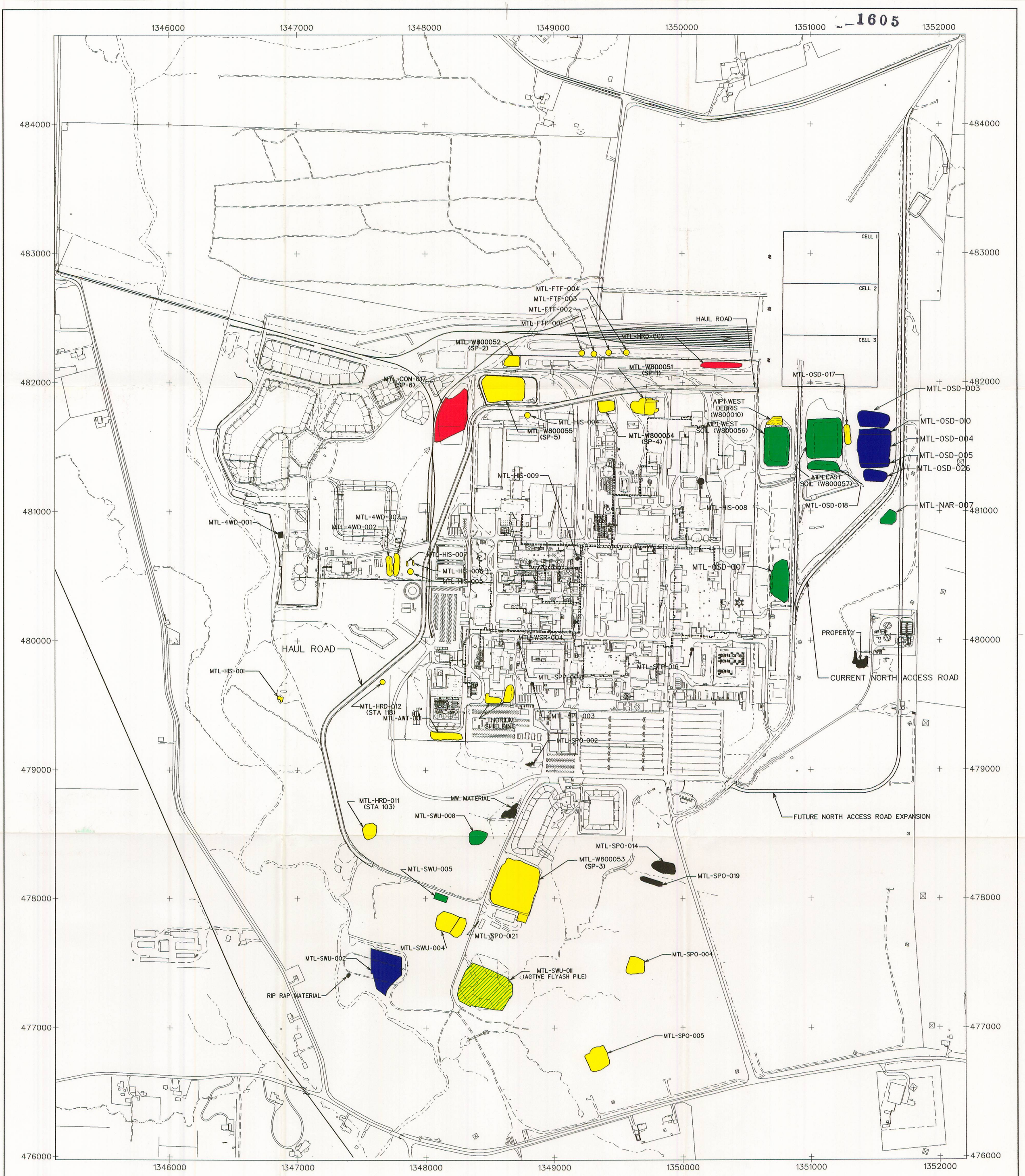

LEGEND

- FRL CERTIFIED
- MEETS WAC
- WAC PENDING (SAMPLING COMPLETE)
- WAC PENDING
- ABOVE WAC
- WORKING PILES

16-JUL-1998
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STOCKPILE LOCATIONS

Figure 1