5820

EXCAVATION PLAN FOR STREAM CORRIDORS STORM SEWER OUTFALL DITCH

FERNALD CLOSURE PROJECT
FERNALD, OHIO

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U.S. DEPARTMENT OF ENERGY
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LIST OF ACRONYMS AND ABBREVIATIONS

A2PII	Area 2, Phase II
ALARA	as low as reasonably achievable
ASCOC	area-specific constituent of concern
bcy	bank cubic yards
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
COC	constituent of concern
DOE	U.S. Department of Energy
FCP	Fernald Closure Project
FRL	final remediation level
IEMP	Integrated Environmental Monitoring Plan
µg/kg	micrograms per kilogram
mg/kg	milligrams per kilogram
OSDF	On-Site Disposal Facility
OU	Operable Unit
pCi/g	picoCuries per gram
PPDD	Pilot Plant Drainage Ditch
PSP	Project Specific Plan
RCRA	Resource Conservation and Recovery Act
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
SEP	Sitewide Excavation Plan
SSOD	Storm Sewer Outfall Ditch
SWRB	Storm Water Retention Basin
WAC	waste acceptance criteria

1.0 INTRODUCTION

Much of the eastern and southern portions of the Fernald Closure Project (FCP) drain to Paddys Run through a network of ditches known collectively as, the Storm Sewer Outfall Ditch (SSOD). The main channel of the SSOD is approximately 3,500 feet in length and runs from the outlet of a 72-inch by 44-inch arched pipe located south of the Main Parking Lot to Paddys Run approximately 500 feet southwest of the former Active Flyash Pile (see Figure 1-1). A 10-foot wide, 7-foot high, 125-foot long concrete box culvert was installed near the end of the main channel in 1993 to allow for the construction on an access road over the ditch.

A western tributary of the SSOD is approximately 1,080 feet in length and runs from a concrete structure located between two retention basins, known collectively as the Storm Water Retention Basins (SWRBs), to the confluence with the main channel approximately 770 feet south-southeast of the SWRB Emergency Overflow. A southern tributary is approximately 3,300 feet in length and runs from an off-site field located approximately 2,500 feet south of Willey Road to the confluence with the main channel approximately 140 feet southeast of the former Active Flyash Pile. There are a number of lesser tributaries that drain into the main channel. The southern and other lesser tributaries will not be addressed in Section 3 (Remedial Action Approach), as there is no remediation action planned for these tributaries.

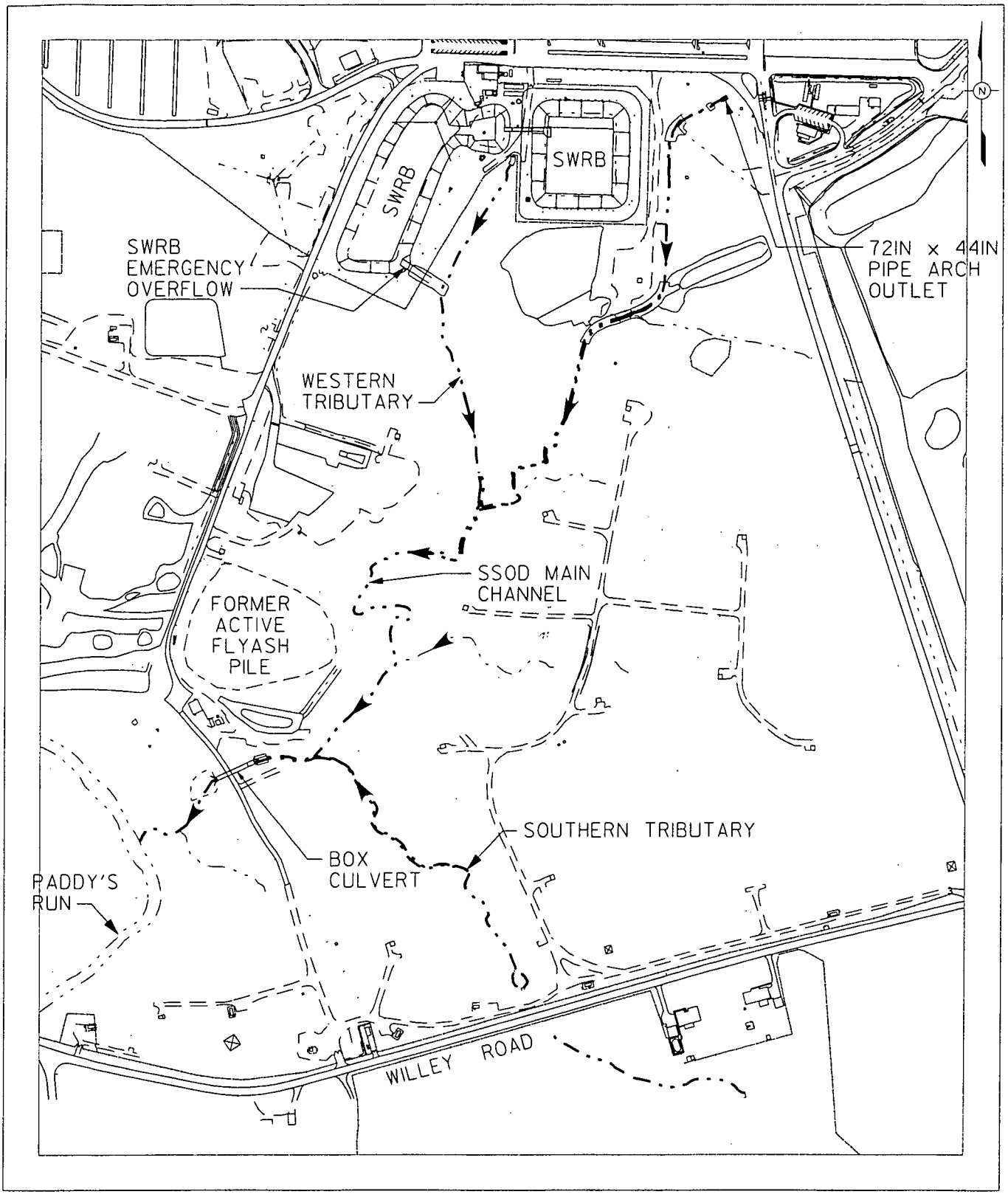
The western tributary receives runoff from a relatively small drainage area around the SWRB and water from the SWRB Emergency Overflow. The primary sources to the main channel include runoff from clean portions of the On-Site Disposal Facility (OSDF) via OSDF Sediment Basin #2, the Main Parking Lot, the OSDF Borrow Area via OSDF Borrow Area Sediment Basin, SWRB Emergency Overflow, and general area west of the FCP Main Access Road (see Figure 1-2). This SSOD drainage area although buffered by two sediment basins is approximately 512 acres in size (see Figure 1-2).

The remediation of the main channel and western tributary of the SSOD are being performed as part of the Stream Corridors Remediation Project. The other major components of the Stream Corridors Remediation Project include Paddys Run and the Pilot Plant Drainage Ditch (PPDD). This Excavation Plan only addresses the predesign investigation, characterization data, and remedial design of the SSOD. A second Stream Corridor Excavation Plan will be issued for agency review in mid-April 2005 that will address the predesign investigation, characterization data, and remedial design for Paddys Run and the PPDD.

For purposes of Section 2 (Predesign Investigation and Characterization Data), the portion of the main channel upstream of the confluence of the western tributary and the main channel will be referred to as the eastern tributary. The eastern tributary will not be addressed in Section 3 (Remedial Action Approach), as there is no remediation action planned for the eastern tributary.

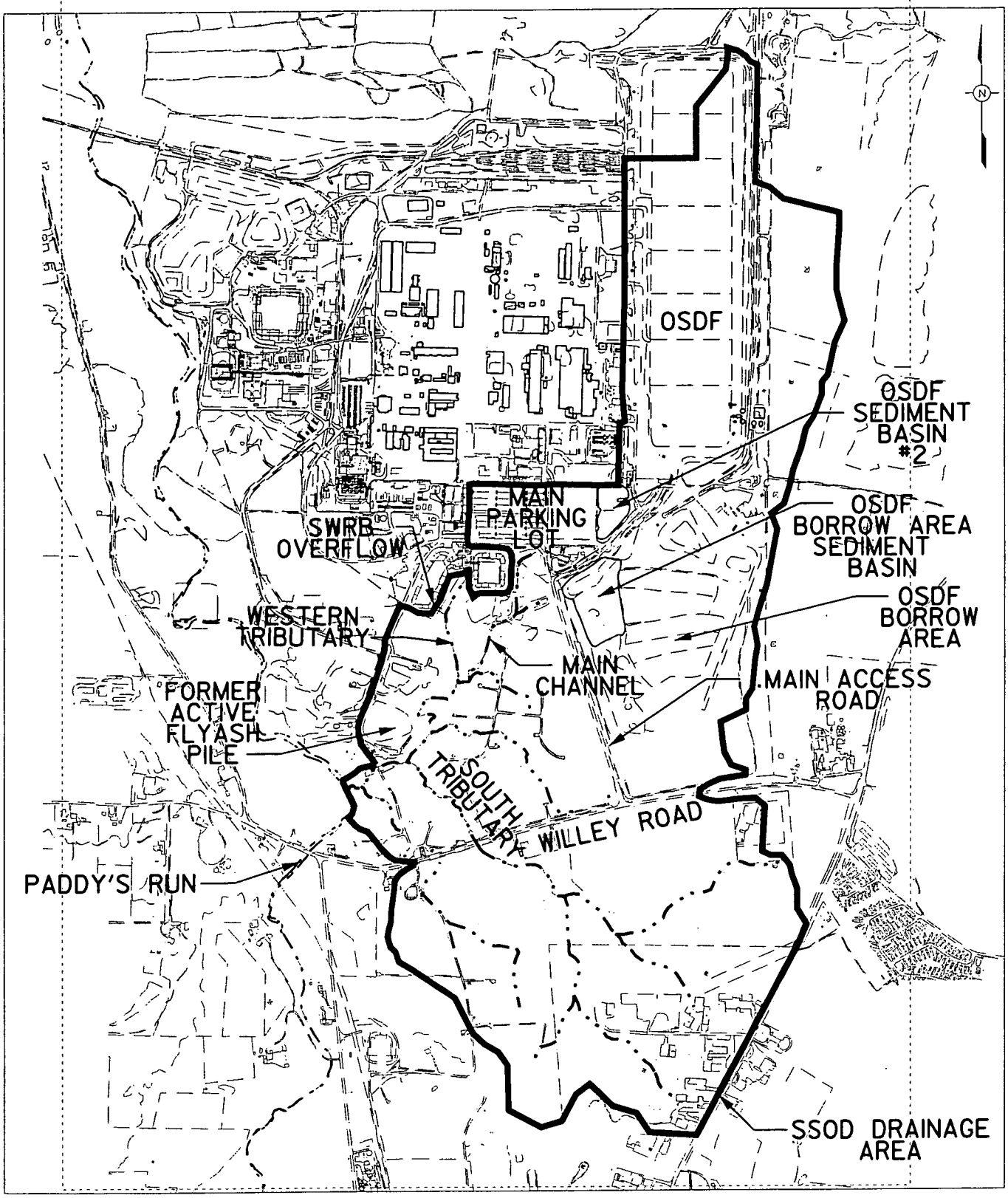
The remedial actions addressed in this Excavation Plan include an estimated 6,050 bank cubic yards (bcy) of impacted soil. There is no known above-waste acceptance criteria (WAC) material associated with this excavation. The impacted soil will be excavated in accordance with the OSDF Impacted Materials Placement Plan (DOE 2001a) and OSDF WAC Attainment Plan (DOE 2000) requirements. Root-balls exceeding the OSDF WAC will be size reduced prior to placement. The excavation and disposition of impacted soil, sediments, and debris from the SSOD is scheduled to start during February 2005.

The SSOD Excavation Area inclusive of an excavation Control Points 19 through 24 on Drawing 99X-5500-G-00788 has been extended into a portion of Area 2, Phase II (A2PII) – Subarea 3 due to continuous contamination between the two remediation areas. Because of the proximity of the creek bed and associated steep side slope, it is best that this contamination be excavated along with SSOD excavation rather than as a separate excavation. Therefore, the remediation of this isolated portion of A2PII – Subarea 3 will be governed by this excavation plan and drawing package (see Section 2 for details).



STORM SEWER OUTFALL DITCH (SSOD)
FIGURE 1-1

/osdf/Project20820/Figure1-1.dgn



NOTES

LEGEND

SSOD DRAINAGE AREA

SCALE

0 1250 2500 FEET

/PROJECT20820/FIGURE1-2.DGN

FIGURE 1-2 SSOD DRAINAGE AREA

2.0 PREDESIGN INVESTIGATIONS AND CHARACTERIZATION DATA

2.1 SUMMARY OF THE RI/FS AND PREDESIGN INVESTIGATIONS

Extensive soil sampling was performed at the FCP in the late 1980s and early 1990s as part of the Operable Unit (OU) 5 Remedial Investigation and Feasibility Study (RI/FS, DOE 1995a and 1995b) to characterize the nature and extent of contamination resulting from uranium-metal production activities at the site. Due to the limited information available for the SSOD (see Figure 1-1 for location) from the RI/FS, extensive characterization during predesign was necessary.

The SSOD receives contaminated run-off from the Site's SWRB during overflow events. The real-time scan of the SSOD performed under the Project Specific Plan (PSP) for Real-Time Scan of Paddys Run Corridor and Associated Drainage Features (DOE 2003) identified above-final remediation level (FRL) readings for radium-226 on both the east and west banks south of the SWRB (see Figure 2-1). Samples collected in association with PSP for Predesign Characterization of Sediments in Paddys Run and Association Drainage Features (DOE 2004a, see Figure 2-2) identified above-FRL readings for various constituents along the length of the SSOD (see Figure 2-3) as discussed in Section 2.4.2.

An above-FRL area (for radium-226 and/or arsenic) located within the A2PII – Subarea 3 Aquifer Project Laydown Area has been included in this document due to its apparent continuity with an above-FRL radium-226 area found within the SSOD area (see sample points A2P2-AQL2, A2P2-AQL3, and SSODD-6 in Figure 2-3). These samples were collected under the PSP for the Predesign of A2PII – Subarea 3 (Supplement to 20300-PSP-0011, DOE 2004b). Hereafter, this area will be treated as part of the SSOD Area.

Sediment monitoring takes place on an annual basis at selected locations along the SSOD under the current Integrated Environmental Monitoring Plan (IEMP), Revision 4 (DOE 2004c, see Figure 2-4 and Table 2-1).

Because of the limited amount of historical data available for the SSOD, a significant sampling effort was undertaken during predesign to characterize this area. As specified in PSP for Predesign Characterization of Sediments in Paddys Run and Association Drainage Features, a variety of locations, depths, and analytes were chosen for this sampling effort (see Sections 2.1.1 and 2.4) to investigate the concentration of both radiological and non-radiological parameters.

Predesign investigations were conducted to supplement the minimal historical information available on the nature and extent of contamination in the SSOD. The predesign investigations were performed, in general, to identify the extent of soil exceeding either the OSDF WAC or FRL. The specific goals of these investigations included filling data gaps and bounding above-FRL areas. The following predesign investigations included information that forwarded and/or completed these goals:

- PSP for Predesign Characterization of Sediments in Paddys Run and Association Drainage Features (DOE 2004a)

  This PSP included approximately 113 borings within the SSOD involving the sampling of the streambed and banks (transects), flood plain, debris piles, channels, and bias samples as well as associated bounding samples. Depths and analytes required varied depending on sample points and area sampled. Radiological above-FRL results (see figure 2-3) were laterally bound by real-time scanning. Non-radiological above-FRL results (see SSODD-5 on Figure 2-3) were bound by physical sampling.

- PSP for Predesign of Area 2, Phase II – Subarea 3 (Supplement to 20300-PSP-0011), (DOE 2004b)

  This PSP included eight borings (two original sample points and six bounding points) to depths of up to 3.5 feet in the southeast corner of the A2PII – Subarea 3 Aquifer Laydown Area. Due to the apparent continuity of contamination between the Aquifer Laydown Area and the SSOD, the area associated with this portion of the Aquifer Laydown Area around borings A2P2-AQL2 and A2P2-AQL3 will be included in the SSOD (see Figure 2-3).

The activities performed under these investigations are discussed in Section 2.4. The predesign PSP for Stream Corridors related to the SSOD sampling locations is shown in Figure 2-2. Appendix A includes all available analytical results from the physical sampling during the predesign investigation.

In addition to the physical sampling conducted under the above PSPs, real-time scanning was performed according to the PSP for Real-Time Scanning of Paddys Run Corridor and Associated Drainage Features, and the above-mentioned PSP for Predesign of A2PII – Subarea 3.

2.1.1 Preliminary Constituents of Concern

The Sitewide Excavation Plan (SEP) does not have a preliminary list of area specific constituents of concern (ASCOCs) for the Stream Corridors as it does for the other Remediation Areas. Due to the fact that the Stream Corridors have received storm water runoff form the entire FCP site at one time or another, the entire list of ASCOCs for the FCP was retained for the PSP for Predesign Characterization of Sediments in Paddys Run and Associated Drainage Features. This list is presented in Table 2-2.

Forty-two sample locations in the SSOD were designated to have all of the ASCOCs analyzed for all of the designated predesign ASCOCs. During this investigation, the first 16 transect samples in the SSOD that stretched from the tip of the western tributary down to the confluence with the main tributary were collected and analyzed. These 16 samples showed high contamination for radium-226 but no contamination for lead-210, neptunium-237, plutonium-238, and strontium-90. Since contamination from these ASCOCs were not identified in the most contaminated area of the SSOD, they were deemed not to be a source of potential contamination. Therefore, these four particular ASCOCs were not carried through the remaining 26 borings of the SSOD as identified in the Predesign PSP.

2.1.2 Hazardous Waste Management Units

There are no hazardous waste management units associated with this area.

2.1.3 Underground Storage Tanks

There are no underground storage tanks associated with this area.

2.1.4 Identification of Potentially Characteristic Areas

There are no potentially characteristic areas associated with this area.

2.1.5 High Leachability Zones.

No contamination zones in the SSOD boundary fall within the high-leachability zone boundaries.

2.2 SUMMARY OF SURFACE AND SUBSURFACE PHYSICAL CONDITIONS

The areas of concern addressed by this document include the soils and sediments that fall within the SSOD (see Figure 1-1 for location). As stated in Section 1, the SSOD is a drainage ditch and as such contains sediment, cobbles, stones and other such features as would be expected to be found in a streambed. There are not any subsurface structures/utilities in this area. However, there are noted and isolated occurrences of small debris along the main channel.

2.3 IDENTIFICATION OF AREA-SPECIFIC CONSTITUENTS OF CONCERN

Section 2.1.1 of this document identified the preliminary list of constituents of concern (COCs) for Stream Corridors, which was extrapolated from the ASCOCs identified for the areas that contribute run-off and/or contamination to the SSOD. The data and the available results of predesign

investigations were evaluated based on both the concentration and the persistence of the constituent within the SSOD area and the included portion of the Aquifer Laydown Area. As described in detail in Section 2.4.2, there are several areas that are above-FRL. However, since radium-226 is the most elevated and is co-located with many of the ASCOCs, it will be used as the indicator ASCOC that drives the excavation. Isolated occurrences of above-FRL arsenic, thorium-232, and total uranium are also present that drive other isolated excavations (see Figure 2-3 and Appendix A). Table 2-3 presents the list of COCs driving excavation for the SSOD. This list will be used to verify that the planned remedial excavation limits are sufficient to capture the above-FRL contamination. Note that the ASCOC list will be reevaluated during the certification design process to determine which of the preliminary ASCOCs initially identified will be carried into certification.

2.3.1 On-Site Disposal Facility Waste Acceptance Criteria

The OSDF WAC were established in the OU2 and OU5 Records of Decision (RODs, DOE 1995c and 1996). Soil excavated from the SSOD must meet these concentration-based WAC in OU5 ROD to be eligible for disposal in the OSDF. If soil exceeds the OSDF radiological WAC, it will have to be segregated for off-site disposal. For the special case of soil with above-WAC organic COCs, disposal at the OSDF is permitted if the soil treatment results in the COC levels fall below the established WAC. Data collected for Stream Corridors were compared to the OSDF WAC to identify areas that exceed the OSDF WAC. This comparison confirmed that there are no known areas within the SSOD exceeding the OSDF WAC. However, through excavation control the possibility of finding above-WAC material still exists.

2.3.2 Final Remediation Levels for Soil

Like the OSDF WAC, the OU5 ROD established the FRLs for soil remediation. The FRLs associated with the SSOD and included Aquifer Laydown Area revised ASCOC list can be found in Table 2-3. FRLs are the cleanup goals for the FCP site and are defined as the average concentration of a contaminant that can remain in the soil and be considered protective of human health and the environment. Remediation in the SSOD and associated area will remove contaminated soil until the residual contaminant concentrations are at or below the respective FRL. The FRL for total uranium is 82 milligrams per kilogram (mg/kg) and a goal driven by the as low as reasonably achievable (ALARA) philosophy has been set to meet 50 mg/kg. The ALARA goal of 50 mg/kg will be reached if soil exceeding 50 mg/kg is within one lift thickness (i.e., 3 feet $\pm$ 1-foot) of soil exceeding the total uranium FRL of 82 mg/kg. Given that RI/FS data existing

for the SSOD is limited, predesign sampling was performed to further delineate the above-FRL contamination as discussed in Section 2.4.

2.4 ANTICIPATED EXCAVATION BOUNDARIES

Excavation boundaries in the SSOD and associated area are established based on the following information:

- Above-FRL results for radiological and/or non-radiological parameters as identified in this document,
- Above-FRL areas for non-radiological parameters established based on bounding physical sample results,
- Above-FRL areas for radiological parameters established based on real-time scanning results.

All of this information is combined to form a complete picture of the breadth of the excavation required in the SSOD.

2.4.1 Above-WAC Material

No above-WAC areas were found within the SSOD.

2.4.2 Above-FRL Material

Excavation boundaries for the SSOD are established based on above-FRL contamination identified as a result of physical sampling and bound by either physical sampling or real-time scanning.

Samples collected in association with PSP for Predesign Characterization of Sediments in Paddys Run and Association Drainage Features or PSP for the Predesign of A2PII – Subarea 3 (Supplement to 20300-PSP-0011) for the SSOD identified above-FRL conditions in nine distinct areas along the SSOD. These areas will be discussed in additional detail below in order of north to south.

In the northernmost area, above-FRL results were found at boring location SSODT-1L1 (see Figure 2-3) for total uranium (maximum result of 125 mg/kg) from a depth of 0.0 to 1.5 feet. This boring was vertically bound at 2.5 feet in the same boring and laterally bound by real-time scanning (see Figure 2-5).

An area extending from boring location SSODT-6R2 in the north to SSODT-12R1 in the south contains 14 boring locations with above-FRL radiological results for radium-226 [maximum of 16.1 picoCuries (pCi/g)], radium-228 (maximum of 16.5 pCi/g), thorium-228 (maximum of 16.8 pCi/g), thorium-230 (maximum of 349 pCi/g), thorium-232 (maximum of 16.5 pCi/g), and total uranium (maximum of 353 mg/kg). In addition to the above-mentioned locations, the boring locations included in this area are (north to south - see Figure 2-3) SSODT-7R1, RTB-1, SSODT-8, SSODT-9L1, SSODT-10R1, SSOD-RTC-2, SSOD-RTC-4, SSOD-RTC-5, SSOD-RTC-6, RTB-2, SSODT-11L1, and SSODT-11R1. Because radium-226 was the most prevalent above-FRL constituent, it will be used to drive excavation. This area was collectively bound at a depth of 3.5 feet using boring location SSODT-7R1. This was because it represented the most conservative estimate for excavation (i.e., 3.5 feet was the first point at which no radium-226 contamination was found). It was laterally bound by real-time scanning using the above-FRL boring locations along the length of this area as reference points (see Figures 2-5 through 2-7).

SSODD-1 had above-FRL results for aroclor-1254 [221 micrograms per kilogram (µg/kg)] on the surface and thorium-232 (1.61 pCi/g) to a depth of 1.0 foot (see Figure 2-3). This location was bound at a depth of 2.0 feet in the same boring for both constituents. Because the thorium-232 contamination was found at depths greater than that of the aroclor-1254, thorium-232 will drive the excavation and was laterally bound with real-time scanning (see Figure 2-7).

SSODD-6, which is located at the bottom of a steep slope on the west side of the SSOD (see Figure 2-2), had above-FRL results for aroclor-1254 (147 µg/kg), radium-226 (maximum of 2.82 pCi/g) from 0.0 to 1.0 feet and radium-228 (2.02 pCi/g), thorium-228 (2.01 pCi/g), thorium-232 (2.02), arsenic (22.6 mg/kg) and beryllium (3.39 mg/kg) at the surface. The radiological constituents were bound at a depth of 2.0 feet in the same boring. Because the radium-226 extended beyond the other radiological contaminants, it will drive excavation and was bound laterally by real-time scanning.

At the top of the steep slope and west of this area (SSODD-6) are two locations (A2P2-AQL2 and A2P2-AQL3) originally included in A2PII – Subarea 3 Aquifer Laydown Area that had above-FRL results for arsenic and radium-226 (see Figure 2-3). This area was bound at 2.5 feet for radium-226 by boring location A2P2-AQL2 (see Figure 2-3). Although above-FRL arsenic was found at greater depths than Radium-226, the corresponding depths display characteristics found in several adjacent areas. It is concluded that these levels are consistent with background conditions. This approach is more fully explained/discussed in Addendum to the CERCLA/RCRA Background Soil Study (DOE 2001b) and was

used in the approved Addendum No. 1 to the A2PII Implementation Plan for Subarea 3 (Infrastructure) Subcontractor Laydown Area and Equipment Wash Facility (DOE 2005). No further investigation for this COC is planned.

Using radium-226 to drive excavation, these sample locations are bound to the north, east, and west by physical sampling (A2P2-AQL3N, A2P2-AQL3N2, A2P2-AQL2W, and A2P2-AQL3E). Since the area was not bound to the south, the excavation boundary was conservatively moved to be in line with the southern side of one of the minor tributaries of the drainage ditch which is in close proximity to the northern certification boundary for the former Active Flyash Pile.

SSODF-2 (see Figure 2-3) had above-FRL results for aroclor-1254 (301 μg/kg) and radium-226 (2.81 pCi/g) on the surface. This boring location was vertically bound for radium-226 at 1.5 feet in the same boring and laterally bound by real-time scanning (see Figure 2-6). Radium-226 will be used to drive excavation.

SSODT-16L2 had above-FRL results for radium-226 (maximum of 1.88 pCi/g) to a depth of 1.0 feet. This sample location was bound to a depth of 1.5 feet in the same boring by physical sampling and laterally by real-time scanning (see Figure 2-6). Radium-226 will be used to drive excavation.

Boring location SSODT-17L1 (see Figure 2-3) had above-FRL results for total uranium (82.5 mg/kg), thorium-232 (2.33 pCi/g), thorium-228 (2.36 pCi/g), radium-228 (2.33 pCi/g), and radium-226 (maximum of 21.4 pCi/g). Above-FRL radium-226 ranged in depth from 0.0 to 2.0 feet and the remaining constituents were only above-FRL at the surface. This location was bound to a depth of 3.5 feet in the same boring. SSODT-17R1 had above-FRL results for radium-226 (maximum of 3.26 pCi/g) ranging in depth from 0.0 to 2.0 feet. This location was bound to a depth of 3.5 feet in the same boring. Together, these two boring locations were laterally bound by real-time scanning and radium-226 will be used to drive excavation (see Figure 2.6).

SSODD-2 (see Figure 2-3) had above-FRL results for aroclor-1254 (138 μg/kg) and radium-226 (1.73 pCi/g) on the surface. Using radium-226 to drive excavation, his boring location was bound vertically by physical sampling at 1.5 feet in the same boring and laterally by real-time scanning (see Figure 2-6).

SSODD-5 (see Figure 2-3) had above-FRL results for arsenic (14 mg/kg) on the surface. This boring location was vertically bound to a depth of 1.0 feet in the same boring and laterally bound by physical sampling using locations SSODD-5N, SSODD-5S, SSODD-5E, and SSODD-5W (see Figure 2-3).

TABLE 2-1
IEMP ANNUAL RESULTS FOR SEDIMENT IN THE SSOD FOR 2004

Boring Name	Analyte (pCi/g)					
	Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232	Total Uranium
D-1	0.725	0.382	0.402	1.06	0.382	2.98
D-2	0.512	0.263	0.278	0	0.263	2.31
D-3	0.852	0.525	0.52	0	0.525	3
D-4	0.845	1.01	1.04	0	1.01	5.96
D-5	0.663	0.463	0.458	0	0.463	2.57
PN-1	0.599	0.503	0.476	1.29	0.491	1.41

TABLE 2-2
PRELIMINARY ASCOCs FOR STREAM CORRIDORS

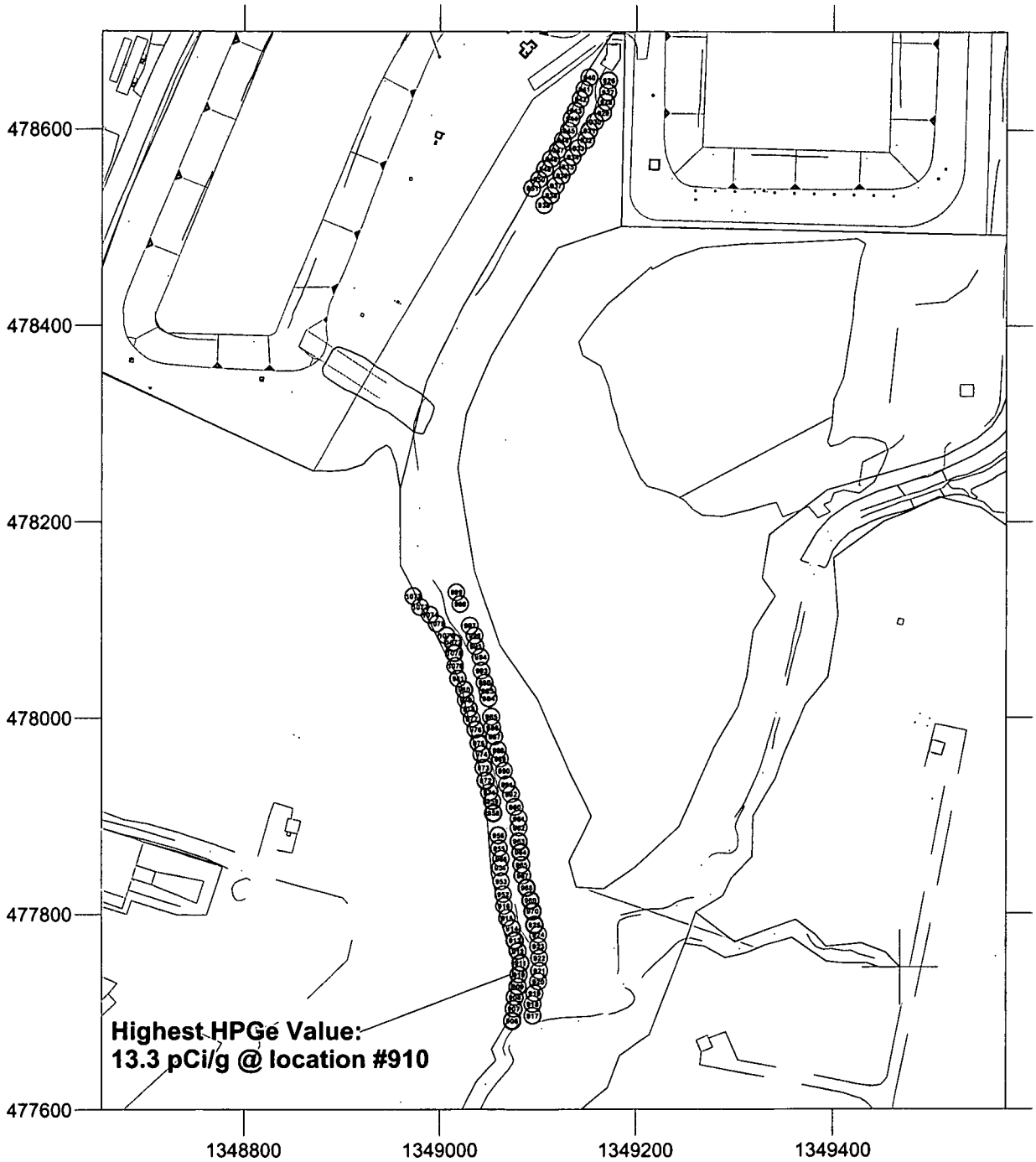
Primary COCs	FRL/*BTV*	Secondary COCs	FRL/*BTV*
Total Uranium	82 mg/kg	1,1-Dichloroethene	0.41 mg/kg
Radium-226	1.7 pCi/g	Antimony	*10 mg/kg*
Radium-228	1.8 pCi/g	Aroclor-1254	0.13 mg/kg
Thorium-228	1.7 pCi/g	Aroclor-1260	0.13 mg/kg
Thorium-232	1.5 pCi/g	Arsenic	12 mg/kg
		Benzo(a)anthracene	*1 mg/kg*
		Benzo(a)pyrene	*1 mg/kg*
		Benzo(b)fluoranthene	*1 mg/kg*
		Benzo(g,h,i)perlene	*1 mg/kg*
		Benzo(k)fluoranthene	*1 mg/kg*
		Beryllium	1.5 mg/kg
		Bromodichloromethane	4 mg/kg
		Cadmium	*5 mg/kg*
		Cesium-137	1.4 pCi/g
		Chrysene	*1 mg/kg*
		Dibenzo(a,h)anthracene	*0.088 mg/kg*
		Dieldrin	0.015 mg/kg
		Fluoranthene	*10 mg/kg*
		Fluoride	*1 mg/kg*
		Indeno(1,2,3-cd)pyrene	*1 mg/kg*
		Lead	*200 mg/kg*
		Lead-210	38 pCi/g
		Manganese	*1500 mg/kg*
		Molybdenum	*10 mg/kg*
		Neptunium-237	3.2 pCi/g
		Phenanthrene	*5 mg/kg*
		Plutonium-238	78 pCi/g
		Pyrene	*10 mg/kg*
		Silver	*10 mg/kg*
		Strontium-90	14 pCi/g
		Technetium-99	29.1 pCi/g
		Tetrachloroethene	3.6 mg/kg
		Thorium-230	280 pCi/g
		Trichloroethene	25 mg/kg

TABLE 2-3
ASCOCs THAT DRIVE EXCAVATION IN THE SSOD

Primary COCs	FRL/*BTV*	Secondary COCs	FRL/*BTV*
Total Uranium	82 mg/kg	Arsenic	12 mg/kg
Radium-226	1.7 pCi/g		

FIGURE 2-1 SSOD REAL-TIME SCAN - RADIUM-226

Moisture & Radon Corrected Radium-226
Field of View to Scale
HPGE DET#: 30687, 30699, 31265, 40743
Measurement Dates: 11/14/03 - 12/08/03



HPGe @ 31cm
Ra-226 (pCi/g)
- 0 to 1.7
- 1.7 to 3.4
- 3.4 to 5.1
- 5.1 to 9999

RTIMP DWG Title: PR_P2_Fig4_RA_Zoom.srf
Project Name: Paddys Run Corr. & Assoc. Drain. Feat.
Project #: 20300-PSP-0008
Prepared By: Brian McDaniel/11058
Date Prepared: 02/23/04
Support Data: PR_P2_Fig4_HPGe_31cm.xls

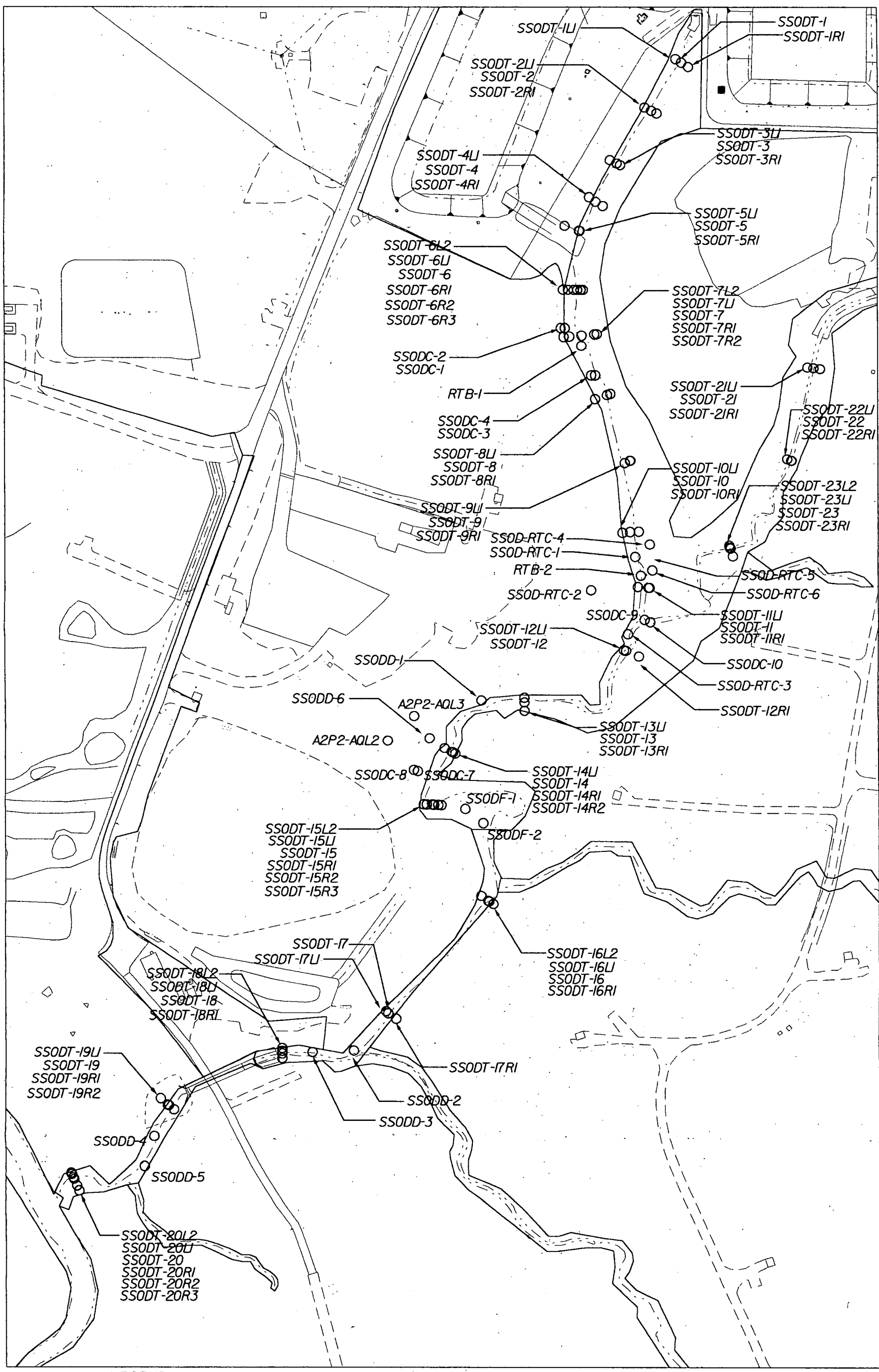


FIGURE 2-2. STORM SEWER OUTFALL DITCH, MAP WITH SAMPLE POINTS

v:\e2fm12\dgn\estream14h.dgn
STATE PLANAR COORDINATE SYSTEM 1983
18-JAN-2005

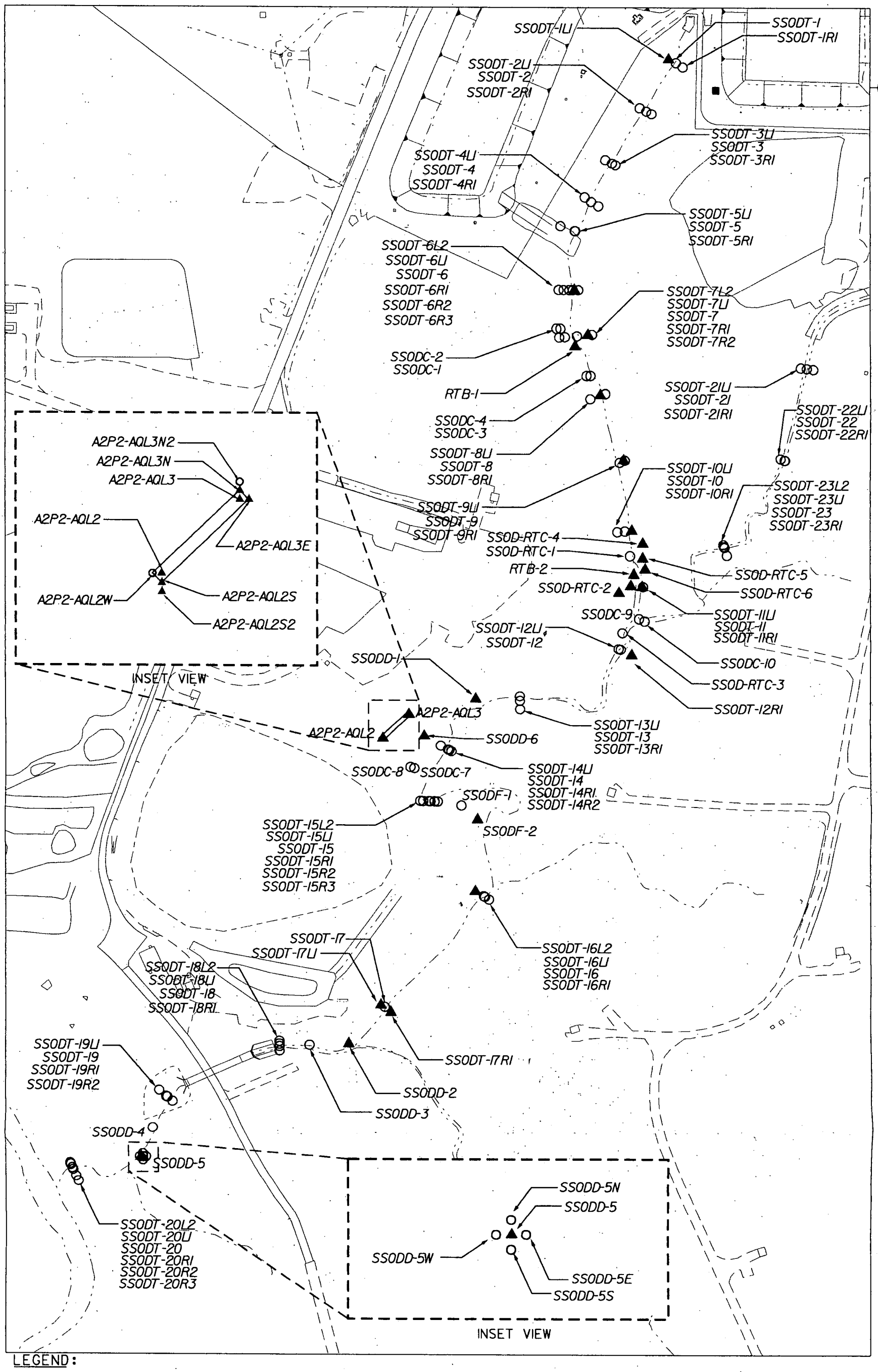
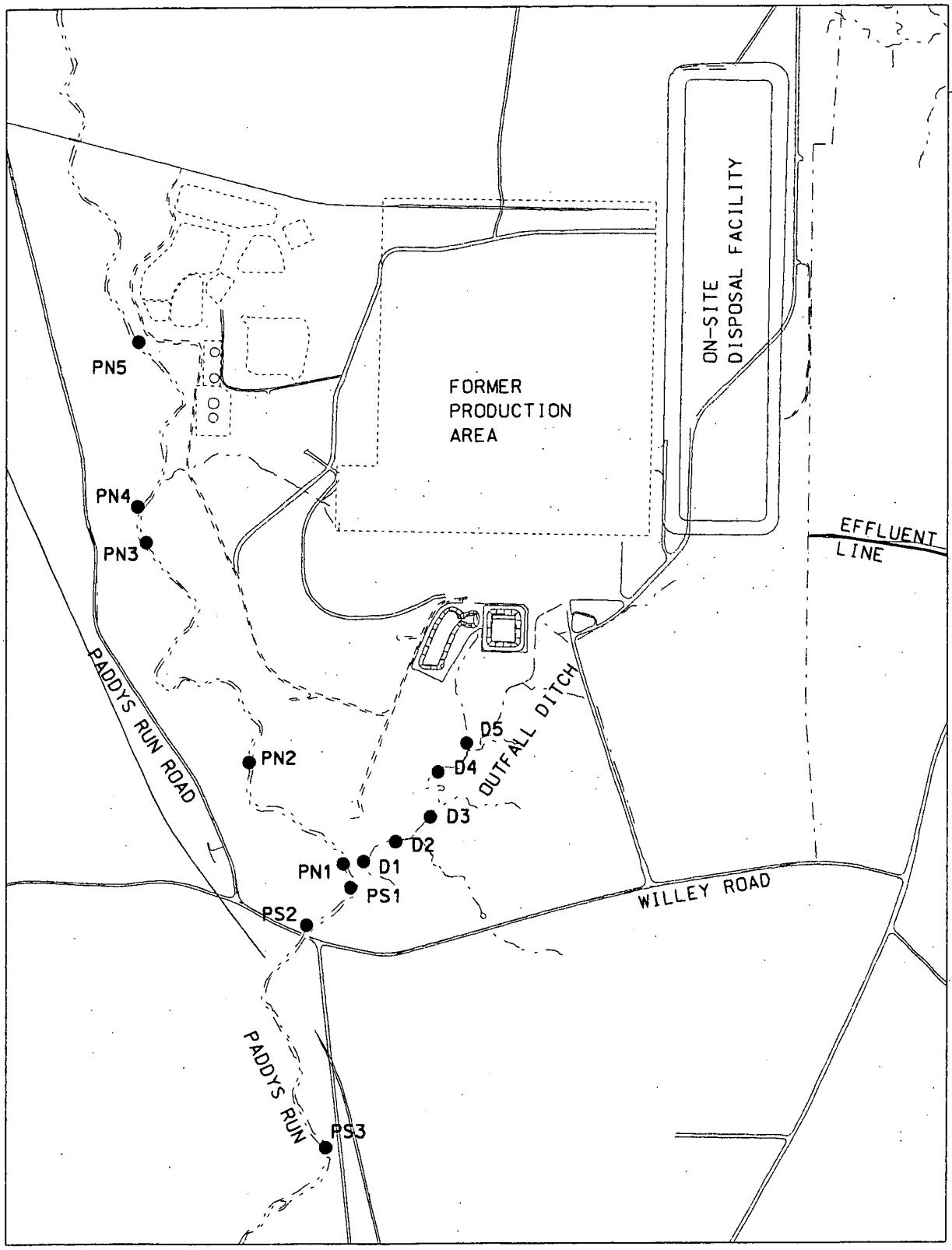


FIGURE 2-3. STORM SEWER OUTFALL DITCH MAP WITH SAMPLE POINTS AND ABOVE-FRL POINTS IDENTIFIED



LEGEND:

● SEDIMENT SAMPLE LOCATION

SCALE

1200 600 0 1200 FEET

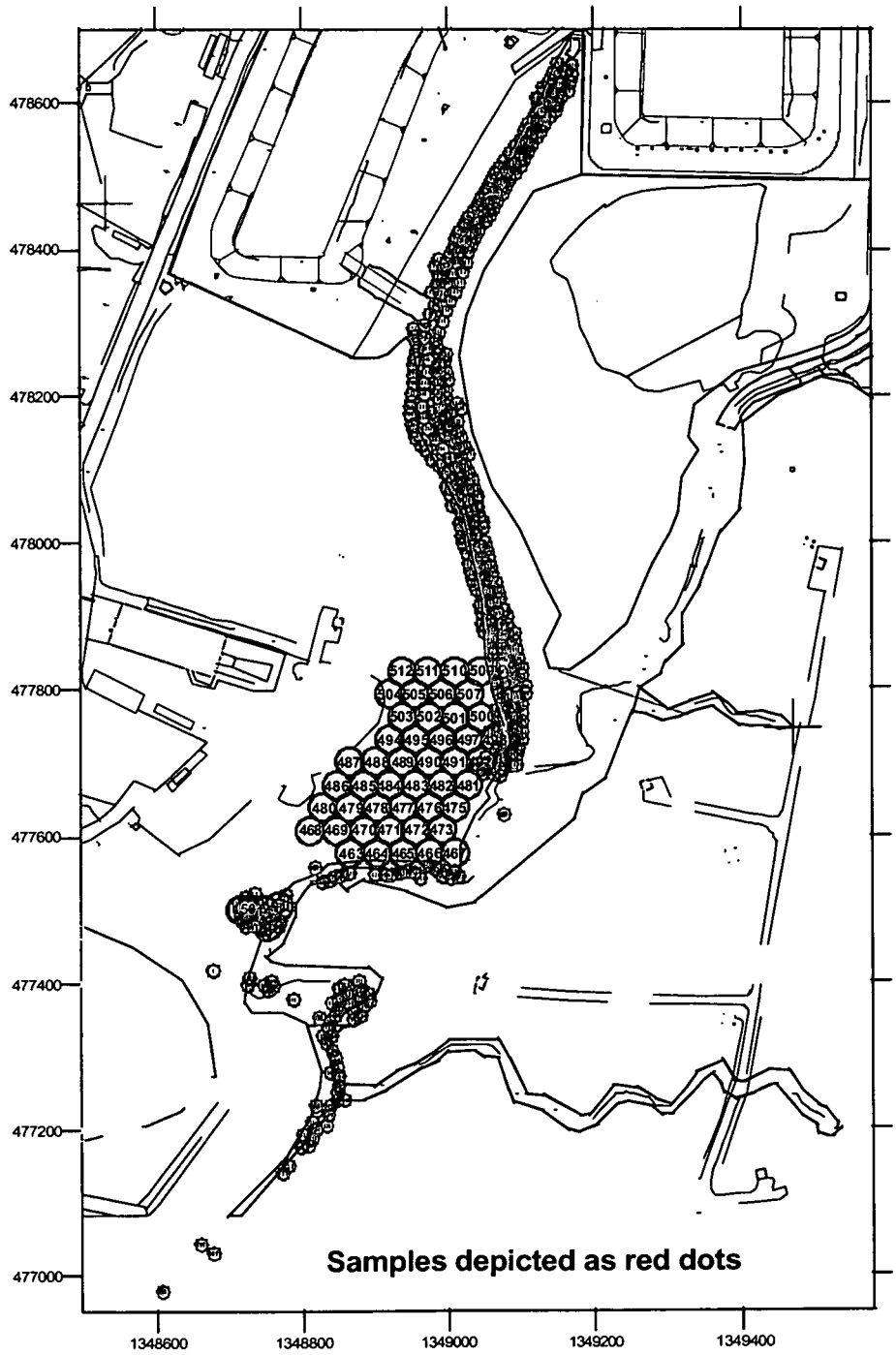
DRAFT

FIGURE 2-4. LOCATIONS OF SEDIMENT MONITORING SAMPLING FOR THE SSOD

v:\02fm12\dgn\ssod_001.dgn
STATE PLANAR COORDINATE SYSTEM 1983
18-JAN-2005

Figure 2-5
SSOD Real-Time Scan for Bounding Total Uranium

Moisture Corrected Total Uranium
Field of View to Scale
HPGE DET#: 30687, 30699, 30904, 31204, 31265, 40227, 40743
Measurement Dates: 09/11/03 - 07/28/04

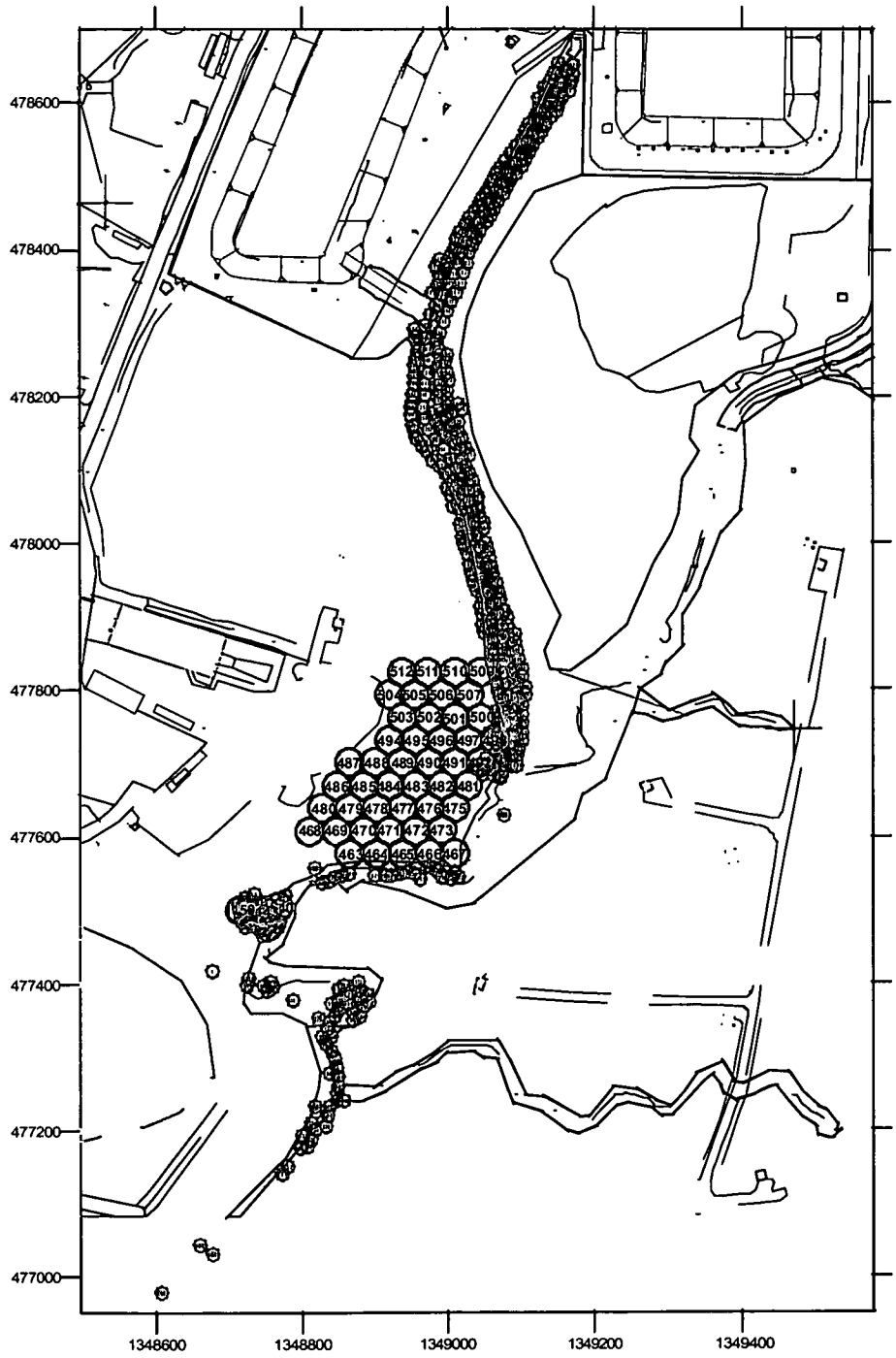


HPGe @ 100cm Total U (ppm)	HPGe @ 31cm Total U (ppm)
0 to 82	0 to 82
82 to 164	82 to 164
164 to 246	164 to 246
246 to 400	246 to 928
400 to 9999	928 to 9999

RTIMP DWG Title: PR_P2_Fig4_Samples_TU_Zoom.srf
Project Name: Paddys Run Corr. & Assoc. Drain. Feat.
Project #: 20300-PSP-0008
Prepared By: Brian McDaniel/11058
Date Prepared: 11/24/04
Support Data: PR_P2_Fig4_HPGe_31cm.xls; PR_P2_Fig4_HPGe_31cm_V3.xls; A2P2_SA3_SF_HPGe_31cm_V3.xls; A2P2_SA3_SF_HPGe_100cm.xls; A2P2_SA3_SF_HPGe_100cm_V3.xls; PR_P1_Fig4_HPGe_31cm.xls; Samples_GT_FRL.xls

Figure 2-6
SSOD Real-Time Scan for Bounding Radium-226

Moisture Corrected Radium-226
Field of View to Scale
HPGE DET#: 30687, 30699, 30904, 31204, 31265, 40227, 40743
Measurement Dates: 09/11/03 - 07/28/04



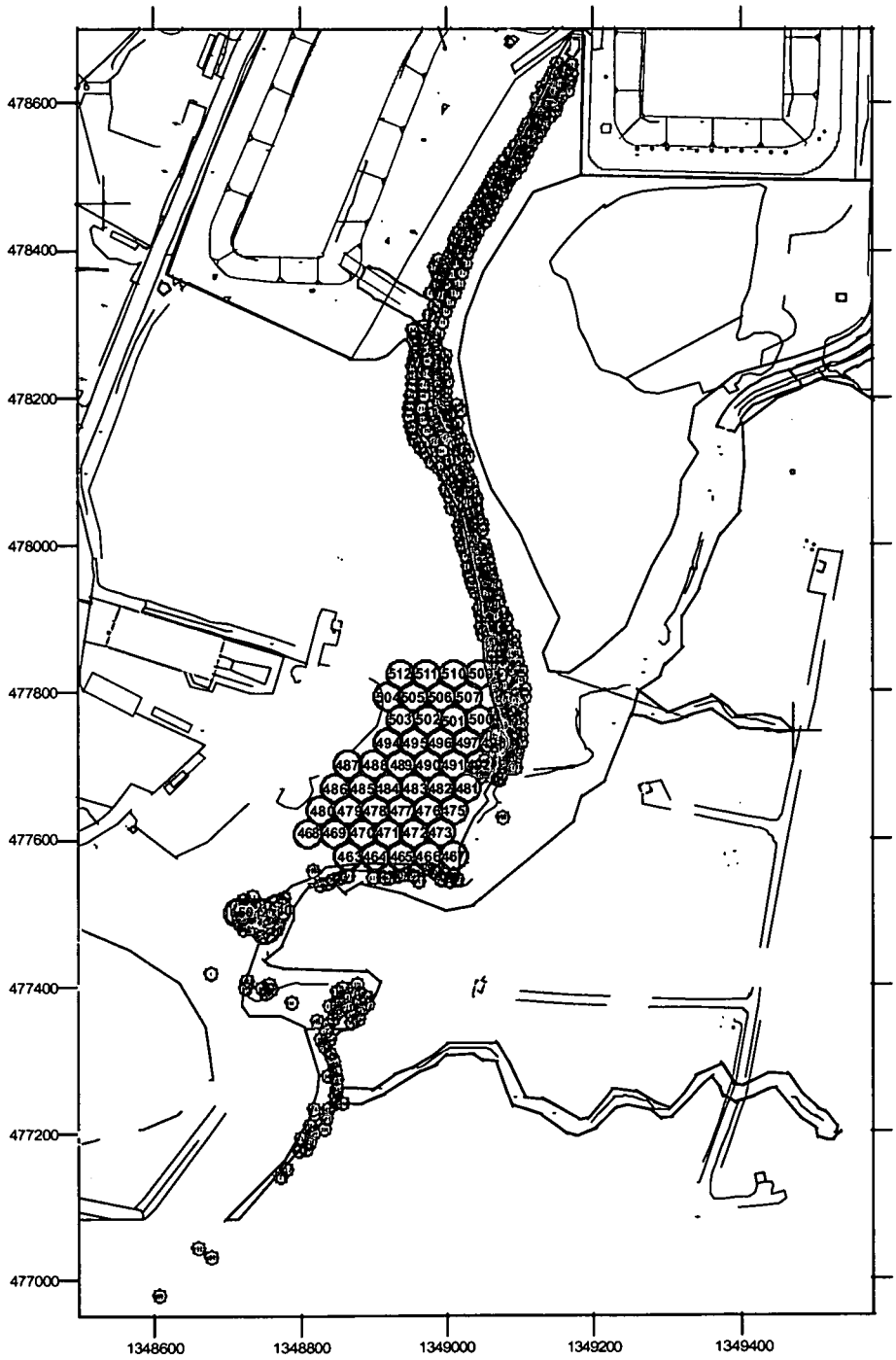
HPGe @ 100cm Ra-226 (pCi/g)
0 to 1.7
1.7 to 3.4
3.4 to 5.1
5.1 to 9999

HPGe @ 31cm Ra-226 (pCi/g)
0 to 1.7
1.7 to 3.4
3.4 to 5.1
5.1 to 9999

RTIMP DWG Title: PR_P2_Fig4_Samples_RA_Zoom.srf
Project Name: Paddys Run Corr. & Assoc. Drain. Feat.
Project #: 20300-PSP-0008
Prepared By: Brian McDaniel/11058
Date Prepared: 11/24/04
Support Data: PR_P2_Fig4_HPGe_31cm.xls; PR_P2_Fig4_HPGe_31cm_V3.xls; A2P2_SA3_SF_HPGe_31cm_V3.xls; A2P2_SA3_SF_HPGe_100cm.xls; A2P2_SA3_SF_HPGe_100cm_V3.xls; PR_P1_Fig4_HPGe_31cm.xls; Samples_GT_FRL.xls

Figure 2-7
SSOD Real-Time Scan for Bounding Thorium-232

Moisture Corrected Thorium-232
Field of View to Scale
HPGE DET#: 30687, 30699, 30904, 31204, 31265, 40227, 40743
Measurement Dates: 09/11/03 - 07/28/04



HPGe @ 100cm Th-232 (pCi/g)
0 to 1.5
1.5 to 3
3 to 4.5
4.5 to 9999

HPGe @ 31cm Th-232 (pCi/g)
0 to 1.5
1.5 to 3
3 to 4.5
4.5 to 9999

RTIMP DWG Title: PR_P2_Fig4_Samples_TH_Zoom.srf
Project Name: Paddys Run Corr. & Assoc. Drain. Feat.
Project #: 20300-PSP-0008
Prepared By: Brian McDaniel/11058
Date Prepared: 11/24/04
Support Data: PR_P2_Fig4_HPGe_31cm.xls; PR_P2_Fig4_HPGe_31cm_V3.xls; A2P2_SA3_SF_HPGe_31cm_V3.xls; A2P2_SA3_SF_HPGe_100cm.xls; A2P2_SA3_SF_HPGe_100cm_V3.xls; PR_P1_Fig4_HPGe_31cm.xls; Samples_GT_FRL.xls

3.0 REMEDIAL ACTION APPROACH

This section of the excavation plan describes the technical approach to the remedial action for the SSOD and the continuous isolated portion of A2PII – Subarea 3. The remedial action approach discussed in this plan follows the general guidance provided in Sections 3.0 and 4.0 and Appendix F of the SEP.

3.1 SITE PREPARATION

Site preparation activities associated with remediation include site boundaries and controls, surveying and site layout, clearing, and surface water management. Additional details are provided in the following text and in the referenced construction drawings and technical specifications (see Appendix B).

3.1.1 Site Boundaries and Controls

Construction safety fence will be installed to control access to the general work area (see Drawings 99X-5500-G-00787 and 99X-5500-G-00788 for installation locations). Fencing will not be installed across roadways and access drives. Instead, rope gates will be strung across the roadways and access drives, as needed.

3.1.2 Surveying and Site Layout

The excavation area will be surveyed and staked to determine the limit of site work including limits of excavation, and surface water control. After remedial excavation, the area will be surveyed to determine final excavated volumes and to allow as-built drawings to be prepared.

3.1.3 Clearing

Two clearing operations will be required for the remediation of the SSOD. One operation is required to establish access to the work areas: the other to prepare the excavation areas for remediation.

For the clearing operations required to establish access to the work areas, the work will be performed in radiologically non-contaminated areas. Routes will be careful chosen so as to reduce impact to larger established trees. However, some larger trees will have to be removed.

For the clearing operations required to prepare the excavation areas for remediation, the work will performed in posted radiologically contamination areas and equipment will have to be decontaminated when brought out of the remediation areas. Clearing within the contamination areas will be performed

significantly above-grade so that the roots and root balls of trees and other vegetation will be excavated along with impacted soil and sediment for proper disposal in the OSDF.

Cleared material will be staged outside the work area and chipped for usage as ground cover for future restoration projects.

3.1.5 Surface Water Management

Silt fence will primarily be used to control runoff from work areas outside the creek bed. This includes placing silt fence on the down hill side of roads constructed to provide access to the creek bed. To control sediments from the entire SSOD excavation, a check dam will be constructed just upstream of a box culvert (see Drawings 99X-5500-G-00788 and 99X-5500-G-00840).

For the excavations in the western tributary, two additional check dams will be constructed in the creek bed to control sediment (see Sections 3.2.1 and 3.2.2). After the upstream excavations have been performed related to each check dam, that check dam and associated sediments will be excavated and hauled for disposal in the OSDF.

3.1.6 Utility Isolation

There are no known utilities in the actual excavation areas. There are overhead power lines which will traverse over the haul route. Safe work practices will be used when working near overhead utilities.

3.2 SOIL EXCAVATION AND IMPACTED MATERIAL REMOVAL

Nine areas have been identified in the SSOD that require remedial excavation. Seven of the nine identified areas contain thorium and/or radium contamination. The worker protection and decontamination requirements for working in thorium and/or radium contaminated areas will have more stringent excavation and decontamination controls than uranium contaminated areas.

For purposes of discussion in Section 3, the areas will be grouped into three parts, as follows: western tributary, upper main channel, and lower main channel (see Figure 3-1).

The haul route for this excavation will go up the old southern waste units access road to a temporary material transfer area established on the perimeter of active excavation where the material can be transferred for direct haul to the OSDF. The location of this temporary material transfer area will be

located so as to minimize impact to workers due to the radium/thorium contamination concerns. If above-WAC material is discovered, it will be hauled directly to the above-WAC staging area (currently Soil Stockpile 7). A water truck will be used to support dust control during loading and excavation, as required.

A walkdown of the creek beds will be performed to identify debris within the main and western tributaries. Identified debris will be removed during the SSOD remediation effort.

3.2.1 Western Tributary

In the western tributary, two contamination areas have been identified that require remediation. One area is relatively small and is located near the north end of the ditch. This area contains uranium contamination (see Control Points 1 through 4 on Drawing 99X-5500-G-00787). The other area is an excavation that follows approximately 650 feet of the creek bed and contains thorium, radium, and uranium contamination along with various other non-radiological constituents (see Control Points 5 through 14 on Drawing 99X-5500-G-00787). The worker protection and decontamination requirements for working in thorium and/or radium contaminated areas will have more stringent excavation and decontamination controls.

The excavation near the north end of the ditch will be performed from above by accessing the excavation temporarily through a chainlink fence at the top west side of the ditch. The excavated material will be hauled across an existing access road between the two SWRB basins (see Figure 3-2).

An access ramp will be excavated on the western side of the approximately 650-foot long excavation from the top of an adjacent field (see Figure 3-2 and Drawing 99X-5500-G-00787). Initially this ramp will only be graded to the excavation limit so that soil within the excavation area will not be disturbed. This will provide access for a tree-cutting subcontractor to clear this excavation area and to provide an access so a check dam can be constructed near the discharge end of the western tributary. Remedial excavation will be performed using a dozer to push stumps, sediments and impacted soil from the creek bed and adjacent contamination areas to a loadout area established at the top of the access ramp. As the excavation continues, the ramp will be extended into the excavation area. Near the top of the ramp, a clean loadout area will be established. An excavator staged adjacent to the ramp will load impacted sediment and soil into articulated haul trucks staged in the clean loadout area so that the haul trucks will not enter the contamination/excavation area.

Two check dams will be constructed to control sediment from the excavation area in the western tributary. The first check dam will be constructed to isolate the western tributary from the main channel (see Drawing 99X-5500-G-00787). A second check dam will be constructed just down stream in the main channel. Since this contamination area is primarily in the western tributary with only a small section extending out into the main channel, the first check dam will be used to control sediment during most of this excavation. However, this first check dam will have to be removed before the excavation can be completed to allow for the excavation to extend into the main channel.

3.2.2 Upper Main Channel

In the upper main channel, four contamination areas have been identified. Three relatively small excavation areas are located in or near the creek bed. One of these excavations contains thorium contamination (see Control Points 15 through 18 on Drawing 99X-5500-G-00788). The other two excavation areas contain thorium, radium, and uranium contamination (see Control Points 25 through 32 on Drawing 99X-5500-G-00788). The fourth excavation area extends up a steep bank onto the field above the bank (see Control Points 19 through 24 on Drawing 99X-5500-G-00788) and also contains thorium, radium, and uranium contamination. See Section 2 for specific contamination information.

A gravel access drive will be established from the top of the bank to the creek bed to support excavations in the upper main channel (see Drive Control Points A through K on Drawing 99X-5500-G-00787). This access drive will be placed through a wooded area using an alignment that will minimize impact to larger trees. This drive will also provide access to establish the secondary check dam used to control sediment during the remedial excavations in the western tributary (see Section 3.1.5). Access to several excavation areas downstream from the point of entry into the creek bed will be provided by using the access drive and creek bed. This access drive will have an area where equipment can turn around. This turn around is needed so that haul trucks can back up to the active excavation in the creek bed. This will position the trucks properly to facilitate direct loading of excavated materials into the truck beds. The loaded haul trucks can then drive forward up the access drive.

Starting from the access drive, the remedial excavations will be performed one at a time working from upstream to downstream. After the areas are remediated, the excavation will be sampled for certification then upon acceptable results backfilled with reject material from OSDF Borrow Area or other coarse aggregate material to reestablish the original bottom elevation of the creek bed and allow for access to

excavate further downstream. The more stringent thorium/radium excavation and decontamination controls will apply to the remedial excavations performed in the upper main channel.

Prior to excavating the bottom of the fourth upper main channel excavation area (see Control Points 19 through 24 on Drawing 99X-5500-G-00788), the contaminated area at the top of the slope will be remediated. The embankment will then be excavated from the creek bed.

3.2.3 Lower Main Channel

In the lower main channel, three contamination areas have been identified. Two of these areas contain thorium, radium, and uranium contamination (see Control Points 33 through 40 on Drawing 99X-5500-G-00788) and are located upstream of a box culvert: one area contains arsenic contamination (see Control Points 41 through 44 on Drawing 99X-5500-G-00788) and is located downstream of the box culvert (see Section 2 for specific contamination information).

Access to the two excavation areas upstream of the box culvert will be easily obtained from the road that traverses over the box culvert. Access to the remaining excavation downstream of the concrete spillway will be more difficult to obtain and will either be provided through an existing certification area to the west or through Paddys Run to a convenient loadout area. This can only be performed if the water levels in Paddys Run are low.

A check dam will be constructed just upstream of the box culvert prior to SSOD excavation. This check dam will not be removed until the contamination areas upstream of the box culvert have been remediated. At that time, the check dam and captured sediments will be hauled for disposal in the OSDF.

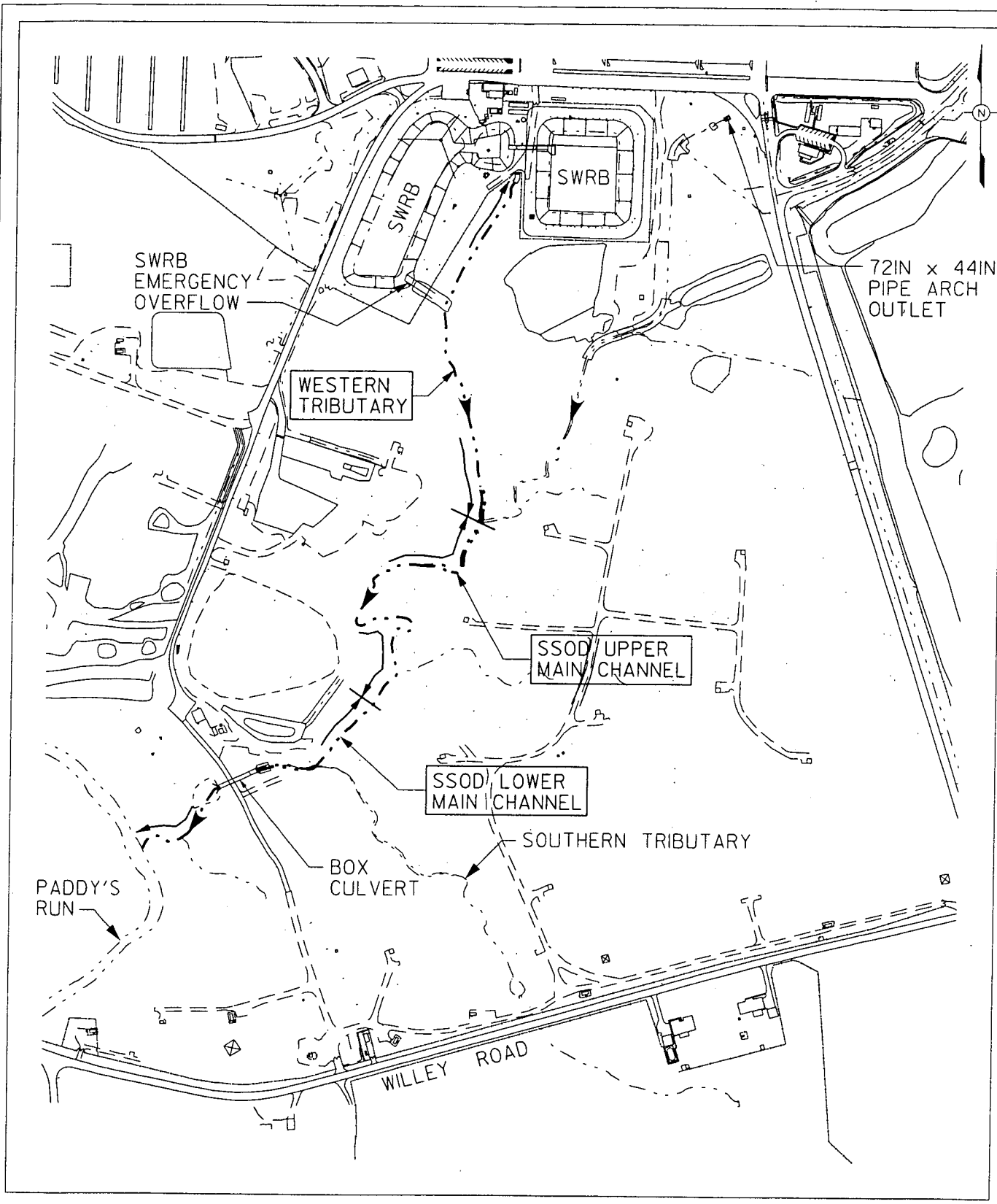
3.3 PRECERTIFICATION/CERTIFICATION

After removal of at-and below-grade debris and impacted soil, precertification and real-time monitoring will be performed. Certification Design Letter and associated Certification Sampling PSP will be submitted at a future date. Certification samples will also be collected for chemical and radiological analysis from the excavation.

3.4 RESTORATION

Restoration will consist of reestablishing the work area to a similar condition the land was in prior to the remediation. The excavation in the creek bed will be backfilled with coarse aggregate material to

reestablish the original bottom elevation of the channel. Topsoil or amended soil will be restored along the banks and other affected areas. Outside the creek beds, affected areas will be seeded using the permanent seed mix (see OSDF Technical Specification Section 02930). An evaluation will be made to determine if moving some of the wooded vegetation from the Paddys Run East Restoration Area into these restored areas to reestablish vegetation on the slopes is justified.

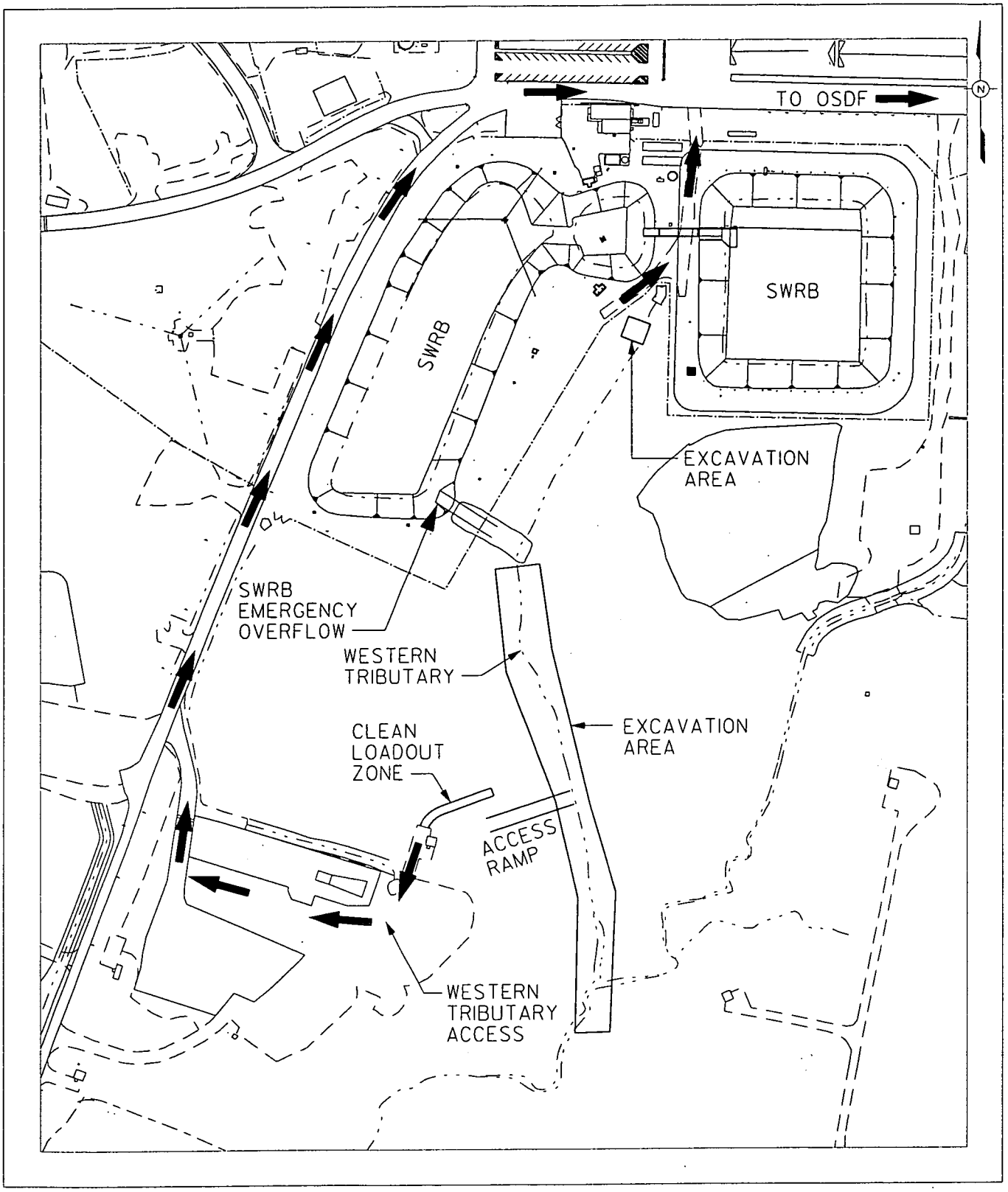


SSOD - EXCAVATION PARTS

FIGURE 3-1

/osdf/Project20820/Figure3-1.dgn

5820



WESTERN TRIBUTARY ACCESS

FIGURE 3-2

/osdf/Project20820/Figure3-2.dgn

REFERENCES

U.S. Department of Energy, 1995a, "Remedial Investigation Report for Operable Unit 5," Final, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 1995b, "Feasibility Study for Operable Unit 5," Final, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 1995c, "Record of Decision for Remedial Actions at Operable Unit 2," Final, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 1996, "Record of Decision for Remedial Actions at Operable Unit 5," Final, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 1998, "Sitewide Excavation Plan," Final, Fernald Environmental Management Project, DOE Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 2001a, "On-Site Disposal Facility Impacted Material Placement Plan," Revision 3 PCN 3, Fernald Environmental Management Project, DOE Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 2002b, "Addendum to the CERCLA/RCRA Background Soil Study," Final, Fernald Environmental Management Project, DOE Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 2003, "Project Specific Plan for Real Time Scan of Paddys Run Corridor and Associated Drainage Features," Revision 2, Fernald Closure Project, DOE Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 2004a, "Project Specific Plan for Predesign Characterization of Sediments in Paddys Run and Associated Drainage Features," Revision 1, Fernald Closure Project, DOE Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 2004b, "Project Specific Plan for the Predesign of Area 2, Phase II – Subarea 3 (Supplement to 20300-PSP-0011)," Revision 1, Fernald Closure Project, DOE Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 2004c, "Integrated Environmental Management Plan," Revision 4, Fernald Closure Project, DOE Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 2005, "Addendum No. 1 to the Area 2, Phase II Implementation Plan for Subarea 3 (Infrastructure) Subcontractor Laydown Area and Equipment Wash Facility," Draft Final, Fernald Closure Project, DOE Fernald Area Office, Cincinnati, Ohio.

APPENDIX A

PREDESIGN CHARACTERIZATION DATA

APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODC-1	SSODC-1^1-L	03/09/2004	0.0	0.5	1,1-Dichloroethene	1.2	ug/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-L	03/09/2004	0.0	0.5	Bromodichloromethane	1.2	ug/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-L	03/09/2004	0.0	0.5	Tetrachloroethene	1.2	ug/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-L	03/09/2004	0.0	0.5	Trichloroethene	1.2	ug/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Antimony	4.1	mg/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Aroclor-1254	20.1	ug/kg	-	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Aroclor-1260	9.92	ug/kg	U	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Arsenic	6.39	mg/kg	NV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Benzo(a)anthracene	0.0999	mg/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Benzo(a)pyrene	0.0999	mg/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Benzo(b)fluoranthene	0.0999	mg/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0999	mg/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Benzo(k)fluoranthene	0.0999	mg/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Beryllium	0.329	mg/kg	NV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Cadmium	0.419	mg/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Cesium-137	0.0415	pCi/g	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Chrysene	0.0999	mg/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0304	mg/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Dieldrin	0.794	ug/kg	U	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Fluoranthene	0.0999	mg/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Fluoride	4.4	mg/kg	NV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Fluoride	5.66	mg/kg	NV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0863	mg/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Lead	15.9	mg/kg	NV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Manganese	740	mg/kg	NV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Molybdenum	2.52	mg/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Phenanthrene	0.0999	mg/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Pyrene	0.0999	mg/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Radium-226	0.806	pCi/g	NV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Radium-228	0.64	pCi/g	NV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Silver	1.83	mg/kg	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Technetium-99	0.689	pCi/g	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Thorium-228	0.673	pCi/g	NV	478170.521	1348958.824

820

APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Thorium-230	7.39	pCi/g	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Thorium-232	0.64	pCi/g	NV	478170.521	1348958.824
SSODC-1	SSODC-1^1-RMPS	03/09/2004	0.0	0.5	Uranium, Total	3.45	ug/g	NV	478170.521	1348958.824
SSODC-1	SSODC-1^2-R	03/09/2004	0.5	1.0	Radium-226	1.01	pCi/g	NV	478170.521	1348958.824
SSODC-1	SSODC-1^2-R	03/09/2004	0.5	1.0	Radium-228	1.24	pCi/g	NV	478170.521	1348958.824
SSODC-1	SSODC-1^2-R	03/09/2004	0.5	1.0	Thorium-228	1.25	pCi/g	NV	478170.521	1348958.824
SSODC-1	SSODC-1^2-R	03/09/2004	0.5	1.0	Thorium-230	10.7	pCi/g	UNV	478170.521	1348958.824
SSODC-1	SSODC-1^2-R	03/09/2004	0.5	1.0	Thorium-232	1.24	pCi/g	NV	478170.521	1348958.824
SSODC-1	SSODC-1^2-R	03/09/2004	0.5	1.0	Uranium, Total	11.6	ug/g	NV	478170.521	1348958.824
SSODC-1	SSODC-1^3-R	03/09/2004	1.0	1.5	Radium-226	1.25	pCi/g	NV	478170.521	1348958.824
SSODC-1	SSODC-1^3-R	03/09/2004	1.0	1.5	Radium-228	1.12	pCi/g	NV	478170.521	1348958.824
SSODC-1	SSODC-1^3-R	03/09/2004	1.0	1.5	Thorium-228	1.18	pCi/g	NV	478170.521	1348958.824
SSODC-1	SSODC-1^3-R	03/09/2004	1.0	1.5	Thorium-230	14.4	pCi/g	NV	478170.521	1348958.824
SSODC-1	SSODC-1^3-R	03/09/2004	1.0	1.5	Thorium-232	1.12	pCi/g	NV	478170.521	1348958.824
SSODC-1	SSODC-1^3-R	03/09/2004	1.0	1.5	Uranium, Total	15	ug/g	NV	478170.521	1348958.824
SSODC-2	SSODC-2^1-L	03/10/2004	0.0	0.5	1,1-Dichloroethene	1.3	ug/kg	UNV	478170.448	1348952.162
SSODC-2	SSODC-2^1-L	03/10/2004	0.0	0.5	Bromodichloromethane	1.3	ug/kg	UNV	478170.448	1348952.162
SSODC-2	SSODC-2^1-L	03/10/2004	0.0	0.5	Tetrachloroethene	1.3	ug/kg	UNV	478170.448	1348952.162
SSODC-2	SSODC-2^1-L	03/10/2004	0.0	0.5	Trichloroethene	1.3	ug/kg	UNV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Antimony	3.69	mg/kg	UNV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Aroclor-1254	7	ug/kg	J	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Aroclor-1260	9.55	ug/kg	U	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Arsenic	7.9	mg/kg	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Benzo(a)anthracene	0.0504	mg/kg	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Benzo(a)pyrene	0.0459	mg/kg	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Benzo(b)fluoranthene	0.0614	mg/kg	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0956	mg/kg	UNV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Benzo(k)fluoranthene	0.0956	mg/kg	UNV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Beryllium	0.253	mg/kg	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Cadmium	0.377	mg/kg	UNV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Cesium-137	0.0378	pCi/g	UNV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Chrysene	0.0407	mg/kg	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0291	mg/kg	UNV	478170.448	1348952.162

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Dieldrin	0.764	ug/kg	U	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Fluoranthene	0.0958	mg/kg	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Fluoride	5.14	mg/kg	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Fluoride	11.3	mg/kg	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0826	mg/kg	UNV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Lead	13.8	mg/kg	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Manganese	761	mg/kg	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Molybdenum	2.49	mg/kg	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Phenanthrene	0.108	mg/kg	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Pyrene	0.118	mg/kg	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Radium-226	0.732	pCi/g	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Radium-228	0.483	pCi/g	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Silver	1.64	mg/kg	UNV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Technetium-99	2.57	pCi/g	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Thorium-228	0.521	pCi/g	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Thorium-230	6.16	pCi/g	UNV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Thorium-232	0.483	pCi/g	NV	478170.448	1348952.162
SSODC-2	SSODC-2^1-RMPS	03/10/2004	0.0	0.5	Uranium, Total	3.13	ug/g	NV	478170.448	1348952.162
SSODC-3	SSODC-3^1-L	03/09/2004	0.0	0.5	1,1-Dichloroethene	1.05	ug/kg	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^1-L	03/09/2004	0.0	0.5	Bromodichloromethane	1.05	ug/kg	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^1-L	03/09/2004	0.0	0.5	Tetrachloroethene	1.05	ug/kg	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^1-L	03/09/2004	0.0	0.5	Trichloroethene	1.05	ug/kg	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Antimony	3.84	mg/kg	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Aroclor-1254	63	ug/kg	-	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Aroclor-1260	18.2	ug/kg	-	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Arsenic	6.2	mg/kg	NV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Benzo(a)anthracene	0.0943	mg/kg	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Benzo(a)pyrene	0.0943	mg/kg	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Benzo(b)fluoranthene	0.0493	mg/kg	NV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0943	mg/kg	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Benzo(k)fluoranthene	0.0943	mg/kg	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Beryllium	0.174	mg/kg	NV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Cadmium	0.437	mg/kg	NV	478092.05	1349008.666

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Cesium-137	0.0455	pCi/g	NV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Chrysene	0.0943	mg/kg	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0287	mg/kg	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Dieldrin	0.75	ug/kg	U	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Fluoranthene	0.0351	mg/kg	NV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Fluoride	6.08	mg/kg	NV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Fluoride	7.23	mg/kg	NV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0815	mg/kg	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Lead	11.8	mg/kg	NV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Manganese	490	mg/kg	NV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Molybdenum	3.14	mg/kg	NV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Phenanthrene	0.0943	mg/kg	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Pyrene	0.0417	mg/kg	NV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Radium-226	0.781	pCi/g	NV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Radium-228	0.541	pCi/g	NV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Silver	1.71	mg/kg	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Technetium-99	0.739	pCi/g	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Thorium-228	0.541	pCi/g	NV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Thorium-230	9.73	pCi/g	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Thorium-232	0.541	pCi/g	NV	478092.05	1349008.666
SSODC-3	SSODC-3^1-RMPS	03/09/2004	0.0	0.5	Uranium, Total	8.55	ug/g	NV	478092.05	1349008.666
SSODC-3	SSODC-3^2-R	03/09/2004	0.5	1.0	Radium-226	0.801	pCi/g	NV	478092.05	1349008.666
SSODC-3	SSODC-3^2-R	03/09/2004	0.5	1.0	Radium-228	0.563	pCi/g	NV	478092.05	1349008.666
SSODC-3	SSODC-3^2-R	03/09/2004	0.5	1.0	Thorium-228	0.575	pCi/g	NV	478092.05	1349008.666
SSODC-3	SSODC-3^2-R	03/09/2004	0.5	1.0	Thorium-230	9.79	pCi/g	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^2-R	03/09/2004	0.5	1.0	Thorium-232	0.563	pCi/g	NV	478092.05	1349008.666
SSODC-3	SSODC-3^2-R	03/09/2004	0.5	1.0	Uranium, Total	6.39	ug/g	NV	478092.05	1349008.666
SSODC-3	SSODC-3^3-R	03/09/2004	1.0	1.5	Radium-226	0.712	pCi/g	NV	478092.05	1349008.666
SSODC-3	SSODC-3^3-R	03/09/2004	1.0	1.5	Radium-228	0.336	pCi/g	NV	478092.05	1349008.666
SSODC-3	SSODC-3^3-R	03/09/2004	1.0	1.5	Thorium-228	0.319	pCi/g	NV	478092.05	1349008.666
SSODC-3	SSODC-3^3-R	03/09/2004	1.0	1.5	Thorium-230	5.96	pCi/g	UNV	478092.05	1349008.666
SSODC-3	SSODC-3^3-R	03/09/2004	1.0	1.5	Thorium-232	0.336	pCi/g	NV	478092.05	1349008.666
SSODC-3	SSODC-3^3-R	03/09/2004	1.0	1.5	Uranium, Total	2.77	ug/g	NV	478092.05	1349008.666

APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODC-4	SSODC-4^1-L	03/10/2004	0.0	0.5	1,1-Dichloroethene	1.22	ug/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-L	03/10/2004	0.0	0.5	Bromodichloromethane	1.22	ug/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-L	03/10/2004	0.0	0.5	Tetrachloroethene	1.22	ug/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-L	03/10/2004	0.0	0.5	Trichloroethene	1.22	ug/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Antimony	4.07	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Aroclor-1254	19	ug/kg	-	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Aroclor-1260	9.93	ug/kg	U	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Arsenic	5.44	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Benzo(a)anthracene	0.099	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Benzo(a)pyrene	0.099	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Benzo(b)fluoranthene	0.099	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Benzo(g,h,i)perylene	0.099	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Benzo(k)fluoranthene	0.099	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Beryllium	0.268	mg/kg	NV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Cadmium	0.416	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Cesium-137	0.0251	pCi/g	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Chrysene	0.099	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0301	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Dieldrin	0.795	ug/kg	U	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Fluoranthene	0.099	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Fluoride	4.97	mg/kg	NV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Fluoride	10.5	mg/kg	NV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0855	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Lead	12.4	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Manganese	605	mg/kg	NV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Molybdenum	2.5	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Phenanthrene	0.099	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Pyrene	0.099	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Radium-226	0.807	pCi/g	NV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Radium-228	0.588	pCi/g	NV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Silver	1.81	mg/kg	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Technetium-99	10.3	pCi/g	NV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Thorium-228	0.566	pCi/g	NV	478091.915	1349002.025

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Thorium-230	11.3	pCi/g	UNV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Thorium-232	0.588	pCi/g	NV	478091.915	1349002.025
SSODC-4	SSODC-4^1-RMPS	03/10/2004	0.0	0.5	Uranium, Total	4.23	ug/g	NV	478091.915	1349002.025
SSODC-7	SSODC-7^1-L	03/19/2004	0.0	0.5	1,1-Dichloroethene	1.06	ug/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-L	03/19/2004	0.0	0.5	Bromodichloromethane	1.06	ug/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-L	03/19/2004	0.0	0.5	Tetrachloroethene	1.06	ug/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-L	03/19/2004	0.0	0.5	Trichloroethene	1.06	ug/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Antimony	7.8	mg/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Aroclor-1254	12.2	ug/kg	J	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Aroclor-1260	7.8	ug/kg	J	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Arsenic	10.4	mg/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Benzo(a)anthracene	0.0959	mg/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Benzo(a)pyrene	0.0959	mg/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Benzo(b)fluoranthene	0.0959	mg/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0959	mg/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Benzo(k)fluoranthene	0.0959	mg/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Beryllium	0.182	mg/kg	NV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Cadmium	0.797	mg/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Cesium-137	0.0373	pCi/g	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Chrysene	0.0959	mg/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0291	mg/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Dieldrin	0.767	ug/kg	U	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Fluoranthene	0.0959	mg/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Fluoride	7.81	mg/kg	NV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0828	mg/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Lead	23.7	mg/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Manganese	587	mg/kg	NV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Molybdenum	1.42	mg/kg	NV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Phenanthrene	0.0658	mg/kg	NV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Pyrene	0.0959	mg/kg	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Radium-226	0.944	pCi/g	NV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Radium-228	0.474	pCi/g	NV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Silver	3.47	mg/kg	UNV	477438.039	1348715.368

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Technetium-99	0.69	pCi/g	NV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Thorium-228	0.489	pCi/g	NV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Thorium-230	12.1	pCi/g	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Thorium-232	0.474	pCi/g	NV	477438.039	1348715.368
SSODC-7	SSODC-7^1-RMPS	03/19/2004	0.0	0.5	Uranium, Total	3.27	ug/g	NV	477438.039	1348715.368
SSODC-7	SSODC-7^2-R	03/19/2004	0.5	1.0	Radium-226	0.945	pCi/g	NV	477438.039	1348715.368
SSODC-7	SSODC-7^2-R	03/19/2004	0.5	1.0	Radium-228	0.49	pCi/g	NV	477438.039	1348715.368
SSODC-7	SSODC-7^2-R	03/19/2004	0.5	1.0	Thorium-228	0.486	pCi/g	NV	477438.039	1348715.368
SSODC-7	SSODC-7^2-R	03/19/2004	0.5	1.0	Thorium-230	12.8	pCi/g	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^2-R	03/19/2004	0.5	1.0	Thorium-232	0.49	pCi/g	NV	477438.039	1348715.368
SSODC-7	SSODC-7^2-R	03/19/2004	0.5	1.0	Uranium, Total	3.59	ug/g	NV	477438.039	1348715.368
SSODC-7	SSODC-7^3-R	03/19/2004	1.0	1.5	Radium-226	0.866	pCi/g	NV	477438.039	1348715.368
SSODC-7	SSODC-7^3-R	03/19/2004	1.0	1.5	Radium-228	0.388	pCi/g	NV	477438.039	1348715.368
SSODC-7	SSODC-7^3-R	03/19/2004	1.0	1.5	Thorium-228	0.421	pCi/g	NV	477438.039	1348715.368
SSODC-7	SSODC-7^3-R	03/19/2004	1.0	1.5	Thorium-230	12.4	pCi/g	UNV	477438.039	1348715.368
SSODC-7	SSODC-7^3-R	03/19/2004	1.0	1.5	Thorium-232	0.388	pCi/g	NV	477438.039	1348715.368
SSODC-7	SSODC-7^3-R	03/19/2004	1.0	1.5	Uranium, Total	3.21	ug/g	NV	477438.039	1348715.368
SSODC-8	SSODC-8^1-L	03/19/2004	0.0	0.5	1,1-Dichloroethene	1.12	ug/kg	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-L	03/19/2004	0.0	0.5	Bromodichloromethane	1.12	ug/kg	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-L	03/19/2004	0.0	0.5	Tetrachloroethene	1.12	ug/kg	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-L	03/19/2004	0.0	0.5	Trichloroethene	1.12	ug/kg	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Antimony	1.89	mg/kg	NV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Aroclor-1254	13.6	ug/kg	-	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Aroclor-1260	9.84	ug/kg	U	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Arsenic	4.69	mg/kg	NV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Benzo(a)anthracene	0.0985	mg/kg	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Benzo(a)pyrene	0.0985	mg/kg	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Benzo(b)fluoranthene	0.0985	mg/kg	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0985	mg/kg	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Benzo(k)fluoranthene	0.0985	mg/kg	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Beryllium	0.389	mg/kg	NV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Cadmium	0.419	mg/kg	NV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Cesium-137	0.0351	pCi/g	UNV	477440.137	1348708.811

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Chrysene	0.0985	mg/kg	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0299	mg/kg	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Dieldrin	0.787	ug/kg	U	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Fluoranthene	0.0985	mg/kg	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Fluoride	6.06	mg/kg	NV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0851	mg/kg	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Lead	6.79	mg/kg	NV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Manganese	469	mg/kg	NV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Molybdenum	1.87	mg/kg	NV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Phenanthrene	0.0985	mg/kg	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Pyrene	0.0985	mg/kg	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Radium-226	0.9	pCi/g	NV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Radium-228	0.535	pCi/g	NV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Silver	0.347	mg/kg	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Technetium-99	0.625	pCi/g	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Thorium-228	0.542	pCi/g	NV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Thorium-230	12.8	pCi/g	UNV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Thorium-232	0.535	pCi/g	NV	477440.137	1348708.811
SSODC-8	SSODC-8^1-RMPS	03/19/2004	0.0	0.5	Uranium, Total	5.23	ug/g	NV	477440.137	1348708.811
SSODC-9	SSODC-9^1-L	03/11/2004	0.0	0.5	1,1-Dichloroethene	1.11	ug/kg	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^1-L	03/11/2004	0.0	0.5	Bromodichloromethane	1.11	ug/kg	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^1-L	03/11/2004	0.0	0.5	Tetrachloroethene	1.11	ug/kg	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^1-L	03/11/2004	0.0	0.5	Trichloroethene	1.11	ug/kg	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Antimony	5.44	mg/kg	NV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Aroclor-1254	29.6	ug/kg	J	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Aroclor-1260	17.2	ug/kg	-	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Arsenic	5.29	mg/kg	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Benzo(a)anthracene	0.0961	mg/kg	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Benzo(a)pyrene	0.0961	mg/kg	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Benzo(b)fluoranthene	0.0443	mg/kg	NV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0961	mg/kg	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Benzo(k)fluoranthene	0.0961	mg/kg	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Beryllium	0.156	mg/kg	NV	477689.273	1349088.795

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Cadmium	0.489	mg/kg	NV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Cesium-137	0.0227	pCi/g	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Chrysene	0.0961	mg/kg	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0292	mg/kg	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Dieldrin	0.764	ug/kg	U	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Fluoranthene	0.044	mg/kg	NV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Fluoride	10	mg/kg	NV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.083	mg/kg	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Lead	16.3	mg/kg	NV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Manganese	450	mg/kg	NV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Molybdenum	3.24	mg/kg	NV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Phenanthrene	0.0961	mg/kg	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Pyrene	0.0464	mg/kg	NV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Radium-226	0.756	pCi/g	NV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Radium-228	0.499	pCi/g	NV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Silver	1.76	mg/kg	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Technetium-99	9.9	pCi/g	NV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Thorium-228	0.522	pCi/g	NV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Thorium-230	8.51	pCi/g	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Thorium-232	0.499	pCi/g	NV	477689.273	1349088.795
SSODC-9	SSODC-9^1-RMPS	03/11/2004	0.0	0.5	Uranium, Total	6.04	ug/g	NV	477689.273	1349088.795
SSODC-9	SSODC-9^2-R	03/11/2004	0.5	1.0	Radium-226	0.753	pCi/g	NV	477689.273	1349088.795
SSODC-9	SSODC-9^2-R	03/11/2004	0.5	1.0	Radium-228	0.471	pCi/g	NV	477689.273	1349088.795
SSODC-9	SSODC-9^2-R	03/11/2004	0.5	1.0	Thorium-228	0.504	pCi/g	NV	477689.273	1349088.795
SSODC-9	SSODC-9^2-R	03/11/2004	0.5	1.0	Thorium-230	6.18	pCi/g	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^2-R	03/11/2004	0.5	1.0	Thorium-232	0.471	pCi/g	NV	477689.273	1349088.795
SSODC-9	SSODC-9^2-R	03/11/2004	0.5	1.0	Uranium, Total	6.23	ug/g	NV	477689.273	1349088.795
SSODC-9	SSODC-9^3-R	03/11/2004	1.0	1.5	Radium-226	0.903	pCi/g	NV	477689.273	1349088.795
SSODC-9	SSODC-9^3-R	03/11/2004	1.0	1.5	Radium-228	0.538	pCi/g	NV	477689.273	1349088.795
SSODC-9	SSODC-9^3-R	03/11/2004	1.0	1.5	Thorium-228	0.549	pCi/g	NV	477689.273	1349088.795
SSODC-9	SSODC-9^3-R	03/11/2004	1.0	1.5	Thorium-230	9.1	pCi/g	UNV	477689.273	1349088.795
SSODC-9	SSODC-9^3-R	03/11/2004	1.0	1.5	Thorium-232	0.538	pCi/g	NV	477689.273	1349088.795
SSODC-9	SSODC-9^3-R	03/11/2004	1.0	1.5	Uranium, Total	5.36	ug/g	NV	477689.273	1349088.795

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODC-10	SSODC-10^1-L	03/11/2004	0.0	0.5	1,1-Dichloroethene	1.07	ug/kg	UNV	477685.432	1349098.13
SSODC-10	SSODC-10^1-L	03/11/2004	0.0	0.5	Bromodichloromethane	1.07	ug/kg	UNV	477685.432	1349098.13
SSODC-10	SSODC-10^1-L	03/11/2004	0.0	0.5	Tetrachloroethene	1.07	ug/kg	UNV	477685.432	1349098.13
SSODC-10	SSODC-10^1-L	03/11/2004	0.0	0.5	Trichloroethene	1.07	ug/kg	UNV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Antimony	3.9	mg/kg	UNV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Aroclor-1254	18.2	ug/kg	J	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Aroclor-1260	2.1	ug/kg	J	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Arsenic	5.21	mg/kg	UNV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Benzo(a)anthracene	0.0464	mg/kg	NV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Benzo(a)pyrene	0.0443	mg/kg	NV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Benzo(b)fluoranthene	0.0668	mg/kg	NV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0955	mg/kg	UNV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Benzo(k)fluoranthene	0.0955	mg/kg	UNV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Beryllium	0.0911	mg/kg	NV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Cadmium	0.399	mg/kg	UNV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Cesium-137	0.0342	pCi/g	UNV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Chrysene	0.0417	mg/kg	NV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.029	mg/kg	UNV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Dieldrin	0.754	ug/kg	U	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Fluoranthene	0.0781	mg/kg	NV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Fluoride	10.8	mg/kg	NV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0825	mg/kg	UNV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Lead	11.8	mg/kg	UNV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Manganese	418	mg/kg	NV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Molybdenum	2.39	mg/kg	UNV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Phenanthrene	0.0955	mg/kg	UNV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Pyrene	0.0979	mg/kg	NV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Radium-226	0.689	pCi/g	NV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Radium-228	0.428	pCi/g	NV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Silver	1.74	mg/kg	UNV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Technetium-99	10.4	pCi/g	NV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Thorium-228	0.498	pCi/g	NV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Thorium-230	6.75	pCi/g	NV	477685.432	1349098.13

APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Thorium-232	0.428	pCi/g	NV	477685.432	1349098.13
SSODC-10	SSODC-10^1-RMPS	03/11/2004	0.0	0.5	Uranium, Total	2.88	ug/g	NV	477685.432	1349098.13
SSODD-1	SSODD-1^1-L	03/10/2004	0.0	0.5	1,1-Dichloroethene	1.26	ug/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-L	03/10/2004	0.0	0.5	Bromodichloromethane	1.26	ug/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-L	03/10/2004	0.0	0.5	Tetrachloroethene	1.26	ug/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-L	03/10/2004	0.0	0.5	Trichloroethene	1.26	ug/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Antimony	4.12	mg/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Aroclor-1254	221	ug/kg	-	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Aroclor-1260	88.5	ug/kg	-	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Arsenic	5.51	mg/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Benzo(a)anthracene	0.101	mg/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Benzo(a)pyrene	0.101	mg/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Benzo(b)fluoranthene	0.101	mg/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Benzo(g,h,i)perylene	0.101	mg/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Benzo(k)fluoranthene	0.101	mg/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Beryllium	0.244	mg/kg	NV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Cadmium	0.421	mg/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Cesium-137	0.0654	pCi/g	NV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Chrysene	0.101	mg/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0306	mg/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Dieldrin	0.81	ug/kg	U	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Fluoranthene	0.101	mg/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Fluoride	4.84	mg/kg	NV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Fluoride	7.15	mg/kg	NV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.087	mg/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Lead	20.1	mg/kg	NV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Manganese	549	mg/kg	NV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Molybdenum	2.53	mg/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Phenanthrene	0.101	mg/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Pyrene	0.101	mg/kg	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Radium-226	1.18	pCi/g	NV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Radium-228	1.34	pCi/g	NV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Silver	1.84	mg/kg	UNV	477555.888	1348818.583

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Technetium-99	0.714	pCi/g	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Thorium-228	1.33	pCi/g	NV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Thorium-230	17.7	pCi/g	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Thorium-232	1.34	pCi/g	NV	477555.888	1348818.583
SSODD-1	SSODD-1^1-RMPS	03/10/2004	0.0	0.5	Uranium, Total	30.7	ug/g	NV	477555.888	1348818.583
SSODD-1	SSODD-1^2-R	03/10/2004	0.5	1.0	Radium-226	1.04	pCi/g	NV	477555.888	1348818.583
SSODD-1	SSODD-1^2-R	03/10/2004	0.5	1.0	Radium-228	1.61	pCi/g	NV	477555.888	1348818.583
SSODD-1	SSODD-1^2-R	03/10/2004	0.5	1.0	Thorium-228	1.69	pCi/g	NV	477555.888	1348818.583
SSODD-1	SSODD-1^2-R	03/10/2004	0.5	1.0	Thorium-230	15.3	pCi/g	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^2-R	03/10/2004	0.5	1.0	Thorium-232	1.61	pCi/g	NV	477555.888	1348818.583
SSODD-1	SSODD-1^2-R	03/10/2004	0.5	1.0	Uranium, Total	24.2	ug/g	NV	477555.888	1348818.583
SSODD-1	SSODD-1^3-P	09/27/2004	1.0	1.5	Aroclor-1254	0.06	mg/kg	J	477555.888	1348818.583
SSODD-1	SSODD-1^3-R	03/10/2004	1.0	1.5	Radium-226	0.663	pCi/g	NV	477555.888	1348818.583
SSODD-1	SSODD-1^3-R	03/10/2004	1.0	1.5	Radium-228	0.765	pCi/g	NV	477555.888	1348818.583
SSODD-1	SSODD-1^3-R	03/10/2004	1.0	1.5	Thorium-228	0.772	pCi/g	NV	477555.888	1348818.583
SSODD-1	SSODD-1^3-R	03/10/2004	1.0	1.5	Thorium-230	13.4	pCi/g	UNV	477555.888	1348818.583
SSODD-1	SSODD-1^3-R	03/10/2004	1.0	1.5	Thorium-232	0.765	pCi/g	NV	477555.888	1348818.583
SSODD-1	SSODD-1^3-R	03/10/2004	1.0	1.5	Uranium, Total	12.9	ug/g	NV	477555.888	1348818.583
SSODD-1	SSODD-1^4-PR	09/27/2004	1.5	2.0	Aroclor-1254	0.0054	mg/kg	J	477555.888	1348818.583
SSODD-1	SSODD-1^4-PR	09/27/2004	1.5	2.0	Thorium-232	0.69	pCi/g	-	477555.888	1348818.583
SSODD-1	SSODD-1^5-PR	09/27/2004	2.0	2.5	Aroclor-1254	0.0016	mg/kg	J	477555.888	1348818.583
SSODD-1	SSODD-1^5-PR	09/27/2004	2.0	2.5	Thorium-232	0.45	pCi/g	-	477555.888	1348818.583
SSODD-1	SSODD-1^7-PR	09/27/2004	3.0	3.5	Aroclor-1254	0.0035	mg/kg	U	477555.888	1348818.583
SSODD-1	SSODD-1^7-PR	09/27/2004	3.0	3.5	Thorium-232	0.352	pCi/g	-	477555.888	1348818.583
SSODD-2	SSODD-2^1-L	03/10/2004	0.0	0.5	1,1-Dichloroethene	1.11	ug/kg	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-L	03/10/2004	0.0	0.5	Bromodichloromethane	1.11	ug/kg	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-L	03/10/2004	0.0	0.5	Tetrachloroethene	1.11	ug/kg	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-L	03/10/2004	0.0	0.5	Trichloroethene	1.11	ug/kg	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Antimony	3.98	mg/kg	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Aroclor-1254	138	ug/kg	-	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Aroclor-1260	30.3	ug/kg	-	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Arsenic	5.55	mg/kg	NV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Benzo(a)anthracene	0.0989	mg/kg	UNV	476978.838	1348607.785

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Benzo(a)pyrene	0.0989	mg/kg	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Benzo(b)fluoranthene	0.0431	mg/kg	NV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0989	mg/kg	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Benzo(k)fluoranthene	0.0989	mg/kg	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Beryllium	0.366	mg/kg	NV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Cadmium	0.406	mg/kg	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Cesium-137	0.0475	pCi/g	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Chrysene	0.0989	mg/kg	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0301	mg/kg	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Dieldrin	0.795	ug/kg	U	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Fluoranthene	0.0655	mg/kg	NV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Fluoride	4.06	mg/kg	NV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Fluoride	8.5	mg/kg	NV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0854	mg/kg	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Lead	12.1	mg/kg	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Manganese	559	mg/kg	NV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Molybdenum	2.44	mg/kg	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Phenanthrene	0.0422	mg/kg	NV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Pyrene	0.0893	mg/kg	NV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Radium-226	1.7	pCi/g	NV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Radium-228	0.781	pCi/g	NV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Silver	1.77	mg/kg	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Technetium-99	0.751	pCi/g	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Thorium-228	0.807	pCi/g	NV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Thorium-230	16.2	pCi/g	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Thorium-232	0.781	pCi/g	NV	476978.838	1348607.785
SSODD-2	SSODD-2^1-RMPS	03/10/2004	0.0	0.5	Uranium, Total	9.12	ug/g	NV	476978.838	1348607.785
SSODD-2	SSODD-2^2-R	03/10/2004	0.5	1.0	Radium-226	1.73	pCi/g	NV	476978.838	1348607.785
SSODD-2	SSODD-2^2-R	03/10/2004	0.5	1.0	Radium-228	0.708	pCi/g	NV	476978.838	1348607.785
SSODD-2	SSODD-2^2-R	03/10/2004	0.5	1.0	Thorium-228	0.738	pCi/g	NV	476978.838	1348607.785
SSODD-2	SSODD-2^2-R	03/10/2004	0.5	1.0	Thorium-230	15.4	pCi/g	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^2-R	03/10/2004	0.5	1.0	Thorium-232	0.708	pCi/g	NV	476978.838	1348607.785
SSODD-2	SSODD-2^2-R	03/10/2004	0.5	1.0	Uranium, Total	13.6	ug/g	NV	476978.838	1348607.785

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODD-2	SSODD-2^3-R	03/10/2004	1.0	1.5	Radium-226	1.37	pCi/g	NV	476978.838	1348607.785
SSODD-2	SSODD-2^3-R	03/10/2004	1.0	1.5	Radium-228	0.686	pCi/g	NV	476978.838	1348607.785
SSODD-2	SSODD-2^3-R	03/10/2004	1.0	1.5	Thorium-228	0.688	pCi/g	NV	476978.838	1348607.785
SSODD-2	SSODD-2^3-R	03/10/2004	1.0	1.5	Thorium-230	16.3	pCi/g	UNV	476978.838	1348607.785
SSODD-2	SSODD-2^3-R	03/10/2004	1.0	1.5	Thorium-232	0.686	pCi/g	NV	476978.838	1348607.785
SSODD-2	SSODD-2^3-R	03/10/2004	1.0	1.5	Uranium, Total	13.5	ug/g	NV	476978.838	1348607.785
SSODD-2	SSODD-2^4-R	09/28/2004	1.5	2.0	Radium-226	1.28	pCi/g	-	476978.838	1348607.785
SSODD-2	SSODD-2^5-R	09/28/2004	2.0	2.5	Radium-226	0.983	pCi/g	-	476978.838	1348607.785
SSODD-2	SSODD-2^7-R	09/28/2004	3.0	3.5	Radium-226	0.945	pCi/g	-	476978.838	1348607.785
SSODD-3	SSODD-3^1-L	03/10/2004	0.0	0.5	1,1-Dichloroethene	1.17	ug/kg	UNV	476976.391	1348541.3
SSODD-3	SSODD-3^1-L	03/10/2004	0.0	0.5	Bromodichloromethane	1.17	ug/kg	UNV	476976.391	1348541.3
SSODD-3	SSODD-3^1-L	03/10/2004	0.0	0.5	Tetrachloroethene	1.17	ug/kg	UNV	476976.391	1348541.3
SSODD-3	SSODD-3^1-L	03/10/2004	0.0	0.5	Trichloroethene	1.17	ug/kg	UNV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Antimony	3.86	mg/kg	UNV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Aroclor-1254	11.8	ug/kg	J	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Aroclor-1260	9.95	ug/kg	U	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Arsenic	6.84	mg/kg	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Benzo(a)anthracene	0.4	mg/kg	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Benzo(a)pyrene	0.401	mg/kg	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Benzo(b)fluoranthene	0.689	mg/kg	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Benzo(g,h,i)perylene	0.215	mg/kg	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Benzo(k)fluoranthene	0.248	mg/kg	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Beryllium	0.291	mg/kg	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Cadmium	0.395	mg/kg	UNV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Cesium-137	0.0383	pCi/g	UNV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Chrysene	0.426	mg/kg	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0536	mg/kg	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Dieldrin	0.796	ug/kg	U	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Fluoranthene	0.706	mg/kg	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Fluoride	3.96	mg/kg	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Fluoride	8.2	mg/kg	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.229	mg/kg	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Lead	11.7	mg/kg	UNV	476976.391	1348541.3

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Manganese	454	mg/kg	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Molybdenum	2.37	mg/kg	UNV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Phenanthrene	0.389	mg/kg	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Pyrene	1.1	mg/kg	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Radium-226	0.654	pCi/g	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Radium-228	0.568	pCi/g	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Silver	1.72	mg/kg	UNV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Technetium-99	0.721	pCi/g	UNV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Thorium-228	0.571	pCi/g	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Thorium-230	12.5	pCi/g	UNV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Thorium-232	0.568	pCi/g	NV	476976.391	1348541.3
SSODD-3	SSODD-3^1-RMPS	03/10/2004	0.0	0.5	Uranium, Total	7.72	ug/g	NV	476976.391	1348541.3
SSODD-3	SSODD-3^2-R	03/10/2004	0.5	1.0	Radium-226	0.93	pCi/g	NV	476976.391	1348541.3
SSODD-3	SSODD-3^2-R	03/10/2004	0.5	1.0	Radium-228	0.635	pCi/g	NV	476976.391	1348541.3
SSODD-3	SSODD-3^2-R	03/10/2004	0.5	1.0	Thorium-228	0.634	pCi/g	NV	476976.391	1348541.3
SSODD-3	SSODD-3^2-R	03/10/2004	0.5	1.0	Thorium-230	15.6	pCi/g	UNV	476976.391	1348541.3
SSODD-3	SSODD-3^2-R	03/10/2004	0.5	1.0	Thorium-232	0.635	pCi/g	NV	476976.391	1348541.3
SSODD-3	SSODD-3^2-R	03/10/2004	0.5	1.0	Uranium, Total	19.1	ug/g	NV	476976.391	1348541.3
SSODD-3	SSODD-3^3-R	03/10/2004	1.0	1.5	Radium-226	0.813	pCi/g	NV	476976.391	1348541.3
SSODD-3	SSODD-3^3-R	03/10/2004	1.0	1.5	Radium-228	0.592	pCi/g	NV	476976.391	1348541.3
SSODD-3	SSODD-3^3-R	03/10/2004	1.0	1.5	Thorium-228	0.57	pCi/g	NV	476976.391	1348541.3
SSODD-3	SSODD-3^3-R	03/10/2004	1.0	1.5	Thorium-230	15.7	pCi/g	UNV	476976.391	1348541.3
SSODD-3	SSODD-3^3-R	03/10/2004	1.0	1.5	Thorium-232	0.592	pCi/g	NV	476976.391	1348541.3
SSODD-3	SSODD-3^3-R	03/10/2004	1.0	1.5	Uranium, Total	17.6	ug/g	NV	476976.391	1348541.3
SSODD-4	SSODD-4^1-L	03/10/2004	0.0	0.5	1,1-Dichloroethene	1.15	ug/kg	UNV	476836.432	1348283.178
SSODD-4	SSODD-4^1-L	03/10/2004	0.0	0.5	Bromodichloromethane	1.15	ug/kg	UNV	476836.432	1348283.178
SSODD-4	SSODD-4^1-L	03/10/2004	0.0	0.5	Tetrachloroethene	1.15	ug/kg	UNV	476836.432	1348283.178
SSODD-4	SSODD-4^1-L	03/10/2004	0.0	0.5	Trichloroethene	1.15	ug/kg	UNV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Antimony	4.03	mg/kg	UNV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Aroclor-1254	33.6	ug/kg	J	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Aroclor-1260	13.3	ug/kg	-	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Arsenic	5.38	mg/kg	UNV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Benzo(a)anthracene	0.118	mg/kg	NV	476836.432	1348283.178

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Benzo(a)pyrene	0.12	mg/kg	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Benzo(b)fluoranthene	0.187	mg/kg	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0626	mg/kg	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Benzo(k)fluoranthene	0.0711	mg/kg	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Beryllium	0.0882	mg/kg	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Cadmium	0.411	mg/kg	UNV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Cesium-137	0.0302	pCi/g	UNV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Chrysene	0.11	mg/kg	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0296	mg/kg	UNV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Dieldrin	0.781	ug/kg	U	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Fluoranthene	0.196	mg/kg	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Fluoride	6.72	mg/kg	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Fluoride	7.16	mg/kg	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0676	mg/kg	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Lead	12.2	mg/kg	UNV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Manganese	504	mg/kg	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Molybdenum	2.47	mg/kg	UNV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Phenanthrene	0.143	mg/kg	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Pyrene	0.277	mg/kg	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Radium-226	0.611	pCi/g	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Radium-228	0.398	pCi/g	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Silver	1.79	mg/kg	UNV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Technetium-99	0.688	pCi/g	UNV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Thorium-228	0.402	pCi/g	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Thorium-230	10.6	pCi/g	UNV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Thorium-232	0.398	pCi/g	NV	476836.432	1348283.178
SSODD-4	SSODD-4^1-RMPS	03/10/2004	0.0	0.5	Uranium, Total	4.16	ug/g	NV	476836.432	1348283.178
SSODD-4	SSODD-4^2-R	03/10/2004	0.5	1.0	Radium-226	0.593	pCi/g	NV	476836.432	1348283.178
SSODD-4	SSODD-4^2-R	03/10/2004	0.5	1.0	Radium-228	0.57	pCi/g	NV	476836.432	1348283.178
SSODD-4	SSODD-4^2-R	03/10/2004	0.5	1.0	Thorium-228	0.59	pCi/g	NV	476836.432	1348283.178
SSODD-4	SSODD-4^2-R	03/10/2004	0.5	1.0	Thorium-230	13.1	pCi/g	UNV	476836.432	1348283.178
SSODD-4	SSODD-4^2-R	03/10/2004	0.5	1.0	Thorium-232	0.57	pCi/g	NV	476836.432	1348283.178
SSODD-4	SSODD-4^2-R	03/10/2004	0.5	1.0	Uranium, Total	5.68	ug/g	NV	476836.432	1348283.178

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODD-4	SSODD-4^3-R	03/10/2004	1.0	1.5	Radium-226	0.552	pCi/g	NV	476836.432	1348283.178
SSODD-4	SSODD-4^3-R	03/10/2004	1.0	1.5	Radium-228	0.44	pCi/g	NV	476836.432	1348283.178
SSODD-4	SSODD-4^3-R	03/10/2004	1.0	1.5	Thorium-228	0.421	pCi/g	NV	476836.432	1348283.178
SSODD-4	SSODD-4^3-R	03/10/2004	1.0	1.5	Thorium-230	11.9	pCi/g	UNV	476836.432	1348283.178
SSODD-4	SSODD-4^3-R	03/10/2004	1.0	1.5	Thorium-232	0.44	pCi/g	NV	476836.432	1348283.178
SSODD-4	SSODD-4^3-R	03/10/2004	1.0	1.5	Uranium, Total	3.49	ug/g	NV	476836.432	1348283.178
SSODD-5	SSODD-5^1-L	03/10/2004	0.0	0.5	1,1-Dichloroethene	1.14	ug/kg	UNV	476786.75	1348264.74
SSODD-5	SSODD-5^1-L	03/10/2004	0.0	0.5	Bromodichloromethane	1.14	ug/kg	UNV	476786.75	1348264.74
SSODD-5	SSODD-5^1-L	03/10/2004	0.0	0.5	Tetrachloroethene	1.14	ug/kg	UNV	476786.75	1348264.74
SSODD-5	SSODD-5^1-L	03/10/2004	0.0	0.5	Trichloroethene	1.14	ug/kg	UNV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Antimony	4.95	mg/kg	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Aroclor-1254	10.2	ug/kg	J	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Aroclor-1260	1.4	ug/kg	J	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Arsenic	14	mg/kg	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Benzo(a)anthracene	0.271	mg/kg	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Benzo(a)pyrene	0.254	mg/kg	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Benzo(b)fluoranthene	0.356	mg/kg	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Benzo(g,h,i)perylene	0.1	mg/kg	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Benzo(k)fluoranthene	0.151	mg/kg	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Beryllium	0.168	mg/kg	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Cadmium	0.386	mg/kg	UNV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Cesium-137	0.0332	pCi/g	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Chrysene	0.205	mg/kg	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0284	mg/kg	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Dieldrin	0.743	ug/kg	U	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Fluoranthene	0.325	mg/kg	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Fluoride	5.07	mg/kg	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Fluoride	7.95	mg/kg	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.113	mg/kg	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Lead	11.5	mg/kg	UNV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Manganese	521	mg/kg	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Molybdenum	2.31	mg/kg	UNV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Phenanthrene	0.164	mg/kg	NV	476786.75	1348264.74

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PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Pyrene	0.547	mg/kg	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Radium-226	0.587	pCi/g	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Radium-228	0.504	pCi/g	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Silver	1.68	mg/kg	UNV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Technetium-99	0.723	pCi/g	UNV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Thorium-228	0.521	pCi/g	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Thorium-230	11	pCi/g	UNV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Thorium-232	0.504	pCi/g	NV	476786.75	1348264.74
SSODD-5	SSODD-5^1-RMPS	03/10/2004	0.0	0.5	Uranium, Total	5.07	ug/g	NV	476786.75	1348264.74
SSODD-5	SSODD-5^2-M	09/29/2004	0.5	1.0	Arsenic	4.1	mg/kg	-	476786.75	1348264.74
SSODD-5	SSODD-5^2-R	03/10/2004	0.5	1.0	Radium-226	0.68	pCi/g	NV	476786.75	1348264.74
SSODD-5	SSODD-5^2-R	03/10/2004	0.5	1.0	Radium-228	0.457	pCi/g	NV	476786.75	1348264.74
SSODD-5	SSODD-5^2-R	03/10/2004	0.5	1.0	Thorium-228	0.494	pCi/g	NV	476786.75	1348264.74
SSODD-5	SSODD-5^2-R	03/10/2004	0.5	1.0	Thorium-230	10.9	pCi/g	UNV	476786.75	1348264.74
SSODD-5	SSODD-5^2-R	03/10/2004	0.5	1.0	Thorium-232	0.457	pCi/g	NV	476786.75	1348264.74
SSODD-5	SSODD-5^2-R	03/10/2004	0.5	1.0	Uranium, Total	3.95	ug/g	NV	476786.75	1348264.74
SSODD-5	SSODD-5^3-M	09/29/2004	1.0	1.5	Arsenic	4.5	mg/kg	-	476786.75	1348264.74
SSODD-5	SSODD-5^3-R	03/10/2004	1.0	1.5	Radium-226	0.394	pCi/g	NV	476786.75	1348264.74
SSODD-5	SSODD-5^3-R	03/10/2004	1.0	1.5	Radium-228	0.325	pCi/g	NV	476786.75	1348264.74
SSODD-5	SSODD-5^3-R	03/10/2004	1.0	1.5	Thorium-228	0.331	pCi/g	NV	476786.75	1348264.74
SSODD-5	SSODD-5^3-R	03/10/2004	1.0	1.5	Thorium-230	9.86	pCi/g	UNV	476786.75	1348264.74
SSODD-5	SSODD-5^3-R	03/10/2004	1.0	1.5	Thorium-232	0.325	pCi/g	NV	476786.75	1348264.74
SSODD-5	SSODD-5^3-R	03/10/2004	1.0	1.5	Uranium, Total	4.08	ug/g	NV	476786.75	1348264.74
SSODD-5	SSODD-5^4-M	09/29/2004	1.5	2.0	Arsenic	4.1	mg/kg	-	476786.75	1348264.74
SSODD-5	SSODD-5^7-M	09/29/2004	3.0	3.5	Arsenic	3.6	mg/kg	-	476786.75	1348264.74
SSODD-5E	SSODD-5E^1-M	09/28/2004	0.0	0.5	Arsenic	3.6	mg/kg	-	476786.72	1348269.95
SSODD-5N	SSODD-5N^1-M	09/28/2004	0.0	0.5	Arsenic	4.9	mg/kg	-	476791.54	1348264.64
SSODD-5S	SSODD-5S^1-M	09/28/2004	0.0	0.5	Arsenic	4.7	mg/kg	-	476781.455	1348264.652
SSODD-5W	SSODD-5W^1-M	09/28/2004	0.0	0.5	Arsenic	7.4	mg/kg	-	476786.821	1348259.833
SSODD-6	SSODD-6^1-L	03/19/2004	0.0	0.5	1,1-Dichloroethene	1.63	ug/kg	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^1-L	03/19/2004	0.0	0.5	Bromodichloromethane	1.63	ug/kg	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^1-L	03/19/2004	0.0	0.5	Tetrachloroethene	1.63	ug/kg	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^1-L	03/19/2004	0.0	0.5	Trichloroethene	1.63	ug/kg	UNV	477492.059	1348733.229

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Antimony	1.56	mg/kg	NV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Aroclor-1254	10	ug/kg	J	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Aroclor-1260	10.4	ug/kg	J	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Arsenic	72.6	mg/kg	NV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Benzo(a)anthracene	0.133	mg/kg	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Benzo(a)pyrene	0.133	mg/kg	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Benzo(b)fluoranthene	0.133	mg/kg	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Benzo(g,h,i)perylene	0.133	mg/kg	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Benzo(k)fluoranthene	0.133	mg/kg	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Beryllium	3.39	mg/kg	NV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Cadmium	0.438	mg/kg	NV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Cesium-137	0.348	pCi/g	NV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Chrysene	0.133	mg/kg	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0405	mg/kg	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Dieldrin	0.636	ug/kg	U	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Fluoranthene	0.133	mg/kg	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Fluoride	1.84	mg/kg	NV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.115	mg/kg	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Lead	20.8	mg/kg	NV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Manganese	126	mg/kg	NV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Molybdenum	1.71	mg/kg	NV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Phenanthrene	0.133	mg/kg	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Pyrene	0.133	mg/kg	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Radium-226	2.82	pCi/g	NV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Radium-228	2.02	pCi/g	NV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Silver	0.485	mg/kg	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Technetium-99	1.13	pCi/g	NV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Thorium-228	2.01	pCi/g	NV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Thorium-230	34	pCi/g	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Thorium-232	2.02	pCi/g	NV	477492.059	1348733.229
SSODD-6	SSODD-6^1-RMPS	03/19/2004	0.0	0.5	Uranium, Total	16.8	ug/g	NV	477492.059	1348733.229
SSODD-6	SSODD-6^2-R	03/19/2004	0.5	1.0	Radium-226	1.99	pCi/g	NV	477492.059	1348733.229
SSODD-6	SSODD-6^2-R	03/19/2004	0.5	1.0	Radium-228	1.38	pCi/g	NV	477492.059	1348733.229

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODD-6	SSODD-6^2-R	03/19/2004	0.5	1.0	Thorium-228	1.35	pCi/g	NV	477492.059	1348733.229
SSODD-6	SSODD-6^2-R	03/19/2004	0.5	1.0	Thorium-230	22	pCi/g	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^2-R	03/19/2004	0.5	1.0	Thorium-232	1.38	pCi/g	NV	477492.059	1348733.229
SSODD-6	SSODD-6^2-R	03/19/2004	0.5	1.0	Uranium, Total	8.69	ug/g	NV	477492.059	1348733.229
SSODD-6	SSODD-6^3-R	03/19/2004	1.0	1.5	Radium-226	1.17	pCi/g	NV	477492.059	1348733.229
SSODD-6	SSODD-6^3-R	03/19/2004	1.0	1.5	Radium-228	0.979	pCi/g	NV	477492.059	1348733.229
SSODD-6	SSODD-6^3-R	03/19/2004	1.0	1.5	Thorium-228	0.97	pCi/g	NV	477492.059	1348733.229
SSODD-6	SSODD-6^3-R	03/19/2004	1.0	1.5	Thorium-230	17	pCi/g	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^3-R	03/19/2004	1.0	1.5	Thorium-232	0.979	pCi/g	NV	477492.059	1348733.229
SSODD-6	SSODD-6^3-R	03/19/2004	1.0	1.5	Uranium, Total	3.03	ug/g	UNV	477492.059	1348733.229
SSODD-6	SSODD-6^4-R	10/04/2004	1.5	2.0	Radium-226	1.1	pCi/g	-	477492.059	1348733.229
SSODD-6	SSODD-6^5-R	10/04/2004	2.0	2.5	Radium-226	1	pCi/g	-	477492.059	1348733.229
SSODD-6	SSODD-6^7-R	10/04/2004	3.0	3.5	Radium-226	0.953	pCi/g	-	477492.059	1348733.229
SSODF-1	SSODF-1^1-L	03/19/2004	0.0	0.5	1,1-Dichloroethene	1.19	ug/kg	UNV	477376.146	1348793.212
SSODF-1	SSODF-1^1-L	03/19/2004	0.0	0.5	Bromodichloromethane	1.19	ug/kg	UNV	477376.146	1348793.212
SSODF-1	SSODF-1^1-L	03/19/2004	0.0	0.5	Tetrachloroethene	1.19	ug/kg	UNV	477376.146	1348793.212
SSODF-1	SSODF-1^1-L	03/19/2004	0.0	0.5	Trichloroethene	1.19	ug/kg	UNV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Antimony	1.63	mg/kg	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Aroclor-1254	9.6	ug/kg	U	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Aroclor-1260	9.6	ug/kg	U	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Arsenic	4.54	mg/kg	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Benzo(a)anthracene	0.0846	mg/kg	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Benzo(a)pyrene	0.0845	mg/kg	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Benzo(b)fluoranthene	0.121	mg/kg	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0477	mg/kg	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Benzo(k)fluoranthene	0.0534	mg/kg	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Beryllium	0.51	mg/kg	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Cadmium	0.404	mg/kg	UNV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Cesium-137	0.0452	pCi/g	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Chrysene	0.0817	mg/kg	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0294	mg/kg	UNV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Dieldrin	0.768	ug/kg	U	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Fluoranthene	0.161	mg/kg	NV	477376.146	1348793.212

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Fluoride	3.22	mg/kg	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0834	mg/kg	UNV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Lead	10.9	mg/kg	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Manganese	529	mg/kg	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Molybdenum	2.43	mg/kg	UNV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Phenanthrene	0.0959	mg/kg	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Pyrene	0.195	mg/kg	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Radium-226	0.975	pCi/g	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Radium-228	0.67	pCi/g	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Silver	1.76	mg/kg	UNV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Technetium-99	0.618	pCi/g	UNV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Thorium-228	0.689	pCi/g	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Thorium-230	14.3	pCi/g	UNV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Thorium-232	0.67	pCi/g	NV	477376.146	1348793.212
SSODF-1	SSODF-1^1-RMPS	03/19/2004	0.0	0.5	Uranium, Total	2.71	ug/g	NV	477376.146	1348793.212
SSODF-2	SSODF-2^1-L	03/19/2004	0.0	0.5	1,1-Dichloroethene	1.27	ug/kg	UNV	477352.935	1348821.635
SSODF-2	SSODF-2^1-L	03/19/2004	0.0	0.5	Bromodichloromethane	1.27	ug/kg	UNV	477352.935	1348821.635
SSODF-2	SSODF-2^1-L	03/19/2004	0.0	0.5	Tetrachloroethene	1.27	ug/kg	UNV	477352.935	1348821.635
SSODF-2	SSODF-2^1-L	03/19/2004	0.0	0.5	Trichloroethene	1.27	ug/kg	UNV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Antimony	2.72	mg/kg	NV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Aroclor-1254	301	ug/kg	-	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Aroclor-1260	94.9	ug/kg	-	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Arsenic	6.35	mg/kg	NV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Benzo(a)anthracene	0.109	mg/kg	UNV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Benzo(a)pyrene	0.109	mg/kg	UNV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Benzo(b)fluoranthene	0.109	mg/kg	UNV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Benzo(g,h,i)perylene	0.109	mg/kg	UNV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Benzo(k)fluoranthene	0.109	mg/kg	UNV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Beryllium	0.598	mg/kg	NV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Cadmium	0.531	mg/kg	NV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Cesium-137	0.615	pCi/g	NV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Chrysene	0.109	mg/kg	UNV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.033	mg/kg	UNV	477352.935	1348821.635

APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Dieldrin	0.862	ug/kg	U	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Fluoranthene	0.109	mg/kg	UNV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Fluoride	2.71	mg/kg	NV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0938	mg/kg	UNV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Lead	26	mg/kg	NV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Manganese	525	mg/kg	NV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Molybdenum	2.04	mg/kg	NV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Phenanthrene	0.109	mg/kg	UNV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Pyrene	0.109	mg/kg	UNV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Radium-226	2.81	pCi/g	NV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Radium-228	1.27	pCi/g	NV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Silver	0.381	mg/kg	UNV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Technetium-99	1.18	pCi/g	NV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Thorium-228	1.24	pCi/g	NV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Thorium-230	24	pCi/g	UNV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Thorium-232	1.27	pCi/g	NV	477352.935	1348821.635
SSODF-2	SSODF-2^1-RMPS	03/19/2004	0.0	0.5	Uranium, Total	33.3	ug/g	NV	477352.935	1348821.635
SSODF-2	SSODF-2^2-R	10/11/2004	0.5	1.0	Radium-226	0.935	pCi/g	NV	477352.935	1348821.635
SSODF-2	SSODF-2^3-R	10/11/2004	1.0	1.5	Radium-226	0.767	pCi/g	NV	477352.935	1348821.635
SSODF-2	SSODF-2^4-R	10/11/2004	1.5	2.0	Radium-226	0.996	pCi/g	NV	477352.935	1348821.635
SSODF-2	SSODF-2^7-R	10/11/2004	3.0	3.5	Radium-226	1.11	pCi/g	NV	477352.935	1348821.635
SSODT-1	SSODT-1^1-L	02/18/2004	0.0	0.5	1,1-Dichloroethene	1.28	ug/kg	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-L	02/18/2004	0.0	0.5	Bromodichloromethane	1.28	ug/kg	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-L	02/18/2004	0.0	0.5	Tetrachloroethene	1.28	ug/kg	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-L	02/18/2004	0.0	0.5	Trichloroethene	1.28	ug/kg	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Antimony	3.01	mg/kg	NV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Aroclor-1254	10.2	ug/kg	J	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Aroclor-1260	11.2	ug/kg	U	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Arsenic	6	mg/kg	NV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Benzo(a)anthracene	0.089	mg/kg	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Benzo(a)pyrene	0.089	mg/kg	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Benzo(b)fluoranthene	0.089	mg/kg	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Benzo(g,h,i)perylene	0.089	mg/kg	UNV	478609.608	1349149.65

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Benzo(k)fluoranthene	0.089	mg/kg	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Beryllium	0.525	mg/kg	NV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Cadmium	0.12	mg/kg	NV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Cesium-137	0.0568	pCi/g	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Chrysene	0.089	mg/kg	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0337	mg/kg	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Dieldrin	0.894	ug/kg	U	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Fluoranthene	0.089	mg/kg	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Fluoride	1.81	mg/kg	NV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.096	mg/kg	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Lead	12.8	mg/kg	NV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Lead-210	1.38	pCi/g	NV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Manganese	496	mg/kg	NV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Molybdenum	1.55	mg/kg	NV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Neptunium-237	0.114	pCi/g	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Phenanthrene	0.089	mg/kg	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Plutonium-238	0.195	pCi/g	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Pyrene	0.11	mg/kg	NV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Radium-226	1.4	pCi/g	NV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Radium-228	0.875	pCi/g	NV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Silver	0.397	mg/kg	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Strontium-90	0.146	pCi/g	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Technetium-99	0.602	pCi/g	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Thorium-228	0.853	pCi/g	NV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Thorium-230	19.7	pCi/g	UNV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Thorium-232	0.875	pCi/g	NV	478609.608	1349149.65
SSODT-1	SSODT-1^1-RMPS	02/18/2004	0.0	0.5	Uranium, Total	9.4	ug/g	NV	478609.608	1349149.65
SSODT-1L1	SSODT-1L1^1-R	02/18/2004	0.0	0.5	Radium-226	1.44	pCi/g	NV	478616.605	1349136.756
SSODT-1L1	SSODT-1L1^1-R	02/18/2004	0.0	0.5	Radium-228	1.22	pCi/g	NV	478616.605	1349136.756
SSODT-1L1	SSODT-1L1^1-R	02/18/2004	0.0	0.5	Thorium-228	1.24	pCi/g	NV	478616.605	1349136.756
SSODT-1L1	SSODT-1L1^1-R	02/18/2004	0.0	0.5	Thorium-230	25.7	pCi/g	UNV	478616.605	1349136.756
SSODT-1L1	SSODT-1L1^1-R	02/18/2004	0.0	0.5	Thorium-232	1.22	pCi/g	NV	478616.605	1349136.756
SSODT-1L1	SSODT-1L1^1-R	02/18/2004	0.0	0.5	Uranium, Total	115	ug/g	NV	478616.605	1349136.756

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PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-1L1	SSODT-1L1^2-R	09/28/2004	0.5	1.0	Uranium, Total	52.8	ug/g	-	478616.605	1349136.756
SSODT-1L1	SSODT-1L1^3-R	09/28/2004	1.0	1.5	Uranium, Total	125	ug/g	-	478616.605	1349136.756
SSODT-1L1	SSODT-1L1^4-R	09/28/2004	1.5	2.0	Uranium, Total	3.92	ug/g	-	478616.605	1349136.756
SSODT-1L1	SSODT-1L1^7-R	09/28/2004	3.0	3.5	Uranium, Total	5.03	ug/g	-	478616.605	1349136.756
SSODT-1R1	SSODT-1R1^1-R	02/18/2004	0.0	0.5	Radium-226	1.07	pCi/g	NV	478604.5188	1349159.028
SSODT-1R1	SSODT-1R1^1-R	02/18/2004	0.0	0.5	Radium-228	0.837	pCi/g	NV	478604.5188	1349159.028
SSODT-1R1	SSODT-1R1^1-R	02/18/2004	0.0	0.5	Thorium-228	0.86	pCi/g	NV	478604.5188	1349159.028
SSODT-1R1	SSODT-1R1^1-R	02/18/2004	0.0	0.5	Thorium-230	17.3	pCi/g	UNV	478604.5188	1349159.028
SSODT-1R1	SSODT-1R1^1-R	02/18/2004	0.0	0.5	Thorium-232	0.837	pCi/g	NV	478604.5188	1349159.028
SSODT-1R1	SSODT-1R1^1-R	02/18/2004	0.0	0.5	Uranium, Total	8.36	ug/g	NV	478604.5188	1349159.028
SSODT-2	SSODT-2^1-L	02/18/2004	0.0	0.5	1,1-Dichloroethene	1.11	ug/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-L	02/18/2004	0.0	0.5	Bromodichloromethane	1.11	ug/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-L	02/18/2004	0.0	0.5	Tetrachloroethene	1.11	ug/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-L	02/18/2004	0.0	0.5	Trichloroethene	1.11	ug/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Antimony	2	mg/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Aroclor-1254	6.4	ug/kg	J	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Aroclor-1260	9.97	ug/kg	U	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Arsenic	3.41	mg/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Benzo(a)anthracene	0.105	mg/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Benzo(a)pyrene	0.0918	mg/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Benzo(b)fluoranthene	0.105	mg/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Benzo(g,h,i)perylene	0.12	mg/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Benzo(k)fluoranthene	0.079	mg/kg	UNV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Beryllium	0.285	mg/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Cadmium	0.0832	mg/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Cesium-137	0.0482	pCi/g	UNV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Chrysene	0.109	mg/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0301	mg/kg	UNV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Dieldrin	0.798	ug/kg	U	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Fluoranthene	0.155	mg/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Fluoride	1.66	mg/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.117	mg/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Lead	8.93	mg/kg	NV	478529.985	1349101.632

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PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Lead-210	1.14	pCi/g	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Manganese	393	mg/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Molybdenum	1.07	mg/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Neptunium-237	0.0885	pCi/g	UNV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Phenanthrene	0.036	mg/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Plutonium-238	0.255	pCi/g	UNV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Pyrene	0.219	mg/kg	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Radium-226	0.91	pCi/g	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Radium-228	0.863	pCi/g	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Silver	0.338	mg/kg	UNV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Strontium-90	0.143	pCi/g	UNV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Technetium-99	0.62	pCi/g	UNV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Thorium-228	0.902	pCi/g	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Thorium-230	15.8	pCi/g	UNV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Thorium-232	0.863	pCi/g	NV	478529.985	1349101.632
SSODT-2	SSODT-2^1-RMPS	02/18/2004	0.0	0.5	Uranium, Total	7.04	ug/g	NV	478529.985	1349101.632
SSODT-2L1	SSODT-2L1^1-R	02/18/2004	0.0	0.5	Radium-226	0.911	pCi/g	NV	478535.4275	1349090.568
SSODT-2L1	SSODT-2L1^1-R	02/18/2004	0.0	0.5	Radium-228	0.759	pCi/g	NV	478535.4275	1349090.568
SSODT-2L1	SSODT-2L1^1-R	02/18/2004	0.0	0.5	Thorium-228	0.749	pCi/g	NV	478535.4275	1349090.568
SSODT-2L1	SSODT-2L1^1-R	02/18/2004	0.0	0.5	Thorium-230	16.4	pCi/g	UNV	478535.4275	1349090.568
SSODT-2L1	SSODT-2L1^1-R	02/18/2004	0.0	0.5	Thorium-232	0.759	pCi/g	NV	478535.4275	1349090.568
SSODT-2L1	SSODT-2L1^1-R	02/18/2004	0.0	0.5	Uranium, Total	8.97	ug/g	NV	478535.4275	1349090.568
SSODT-2R1	SSODT-2R1^1-R	02/18/2004	0.0	0.5	Radium-226	1.04	pCi/g	NV	478525.6077	1349110.53
SSODT-2R1	SSODT-2R1^1-R	02/18/2004	0.0	0.5	Radium-228	0.658	pCi/g	NV	478525.6077	1349110.53
SSODT-2R1	SSODT-2R1^1-R	02/18/2004	0.0	0.5	Thorium-228	0.683	pCi/g	NV	478525.6077	1349110.53
SSODT-2R1	SSODT-2R1^1-R	02/18/2004	0.0	0.5	Thorium-230	15.6	pCi/g	UNV	478525.6077	1349110.53
SSODT-2R1	SSODT-2R1^1-R	02/18/2004	0.0	0.5	Thorium-232	0.658	pCi/g	NV	478525.6077	1349110.53
SSODT-2R1	SSODT-2R1^1-R	02/18/2004	0.0	0.5	Uranium, Total	6.4	ug/g	NV	478525.6077	1349110.53
SSODT-3	SSODT-3^1-L	02/18/2004	0.0	0.5	1,1-Dichloroethene	1.07	ug/kg	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-L	02/18/2004	0.0	0.5	Bromodichloromethane	1.07	ug/kg	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-L	02/18/2004	0.0	0.5	Tetrachloroethene	1.07	ug/kg	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-L	02/18/2004	0.0	0.5	Trichloroethene	1.07	ug/kg	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Antimony	0.805	mg/kg	NV	478443.268	1349044.766

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PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Aroclor-1254	7.9	ug/kg	J	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Aroclor-1260	13.1	ug/kg	-	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Arsenic	2.56	mg/kg	NV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Benzo(a)anthracene	0.083	mg/kg	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Benzo(a)pyrene	0.083	mg/kg	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Benzo(b)fluoranthene	0.083	mg/kg	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Benzo(g,h,i)perylene	0.083	mg/kg	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Benzo(k)fluoranthene	0.083	mg/kg	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Beryllium	0.189	mg/kg	NV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Cadmium	0.15	mg/kg	NV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Cesium-137	0.0473	pCi/g	NV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Chrysene	0.083	mg/kg	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0314	mg/kg	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Dieldrin	0.821	ug/kg	U	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Fluoranthene	0.083	mg/kg	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Fluoride	2.5	mg/kg	NV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.089	mg/kg	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Lead	8.31	mg/kg	NV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Lead-210	1.32	pCi/g	NV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Manganese	528	mg/kg	NV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Molybdenum	1.03	mg/kg	NV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Neptunium-237	0.083	pCi/g	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Phenanthrene	0.083	mg/kg	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Plutonium-238	0.231	pCi/g	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Pyrene	0.104	mg/kg	NV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Radium-226	0.756	pCi/g	NV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Radium-228	1.01	pCi/g	NV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Silver	0.351	mg/kg	NV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Strontium-90	0.133	pCi/g	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Technetium-99	0.623	pCi/g	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Thorium-228	0.987	pCi/g	NV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Thorium-230	14	pCi/g	UNV	478443.268	1349044.766
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Thorium-232	1.01	pCi/g	NV	478443.268	1349044.766

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PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-3	SSODT-3^1-RMPS	02/18/2004	0.0	0.5	Uranium, Total	8.87	ug/g	NV	478443.268	1349044.766
SSODT-3L1	SSODT-3L1^1-R	02/18/2004	0.0	0.5	Radium-226	0.975	pCi/g	NV	478448.8432	1349033.355
SSODT-3L1	SSODT-3L1^1-R	02/18/2004	0.0	0.5	Radium-228	0.965	pCi/g	NV	478448.8432	1349033.355
SSODT-3L1	SSODT-3L1^1-R	02/18/2004	0.0	0.5	Thorium-228	0.966	pCi/g	NV	478448.8432	1349033.355
SSODT-3L1	SSODT-3L1^1-R	02/18/2004	0.0	0.5	Thorium-230	16	pCi/g	UNV	478448.8432	1349033.355
SSODT-3L1	SSODT-3L1^1-R	02/18/2004	0.0	0.5	Thorium-232	0.965	pCi/g	NV	478448.8432	1349033.355
SSODT-3L1	SSODT-3L1^1-R	02/18/2004	0.0	0.5	Uranium, Total	9.82	ug/g	NV	478448.8432	1349033.355
SSODT-3R1	SSODT-3R1^1-R	02/18/2004	0.0	0.5	Radium-226	0.869	pCi/g	NV	478440.5594	1349050.31
SSODT-3R1	SSODT-3R1^1-R	02/18/2004	0.0	0.5	Radium-228	0.616	pCi/g	NV	478440.5594	1349050.31
SSODT-3R1	SSODT-3R1^1-R	02/18/2004	0.0	0.5	Thorium-228	0.609	pCi/g	NV	478440.5594	1349050.31
SSODT-3R1	SSODT-3R1^1-R	02/18/2004	0.0	0.5	Thorium-230	15.2	pCi/g	UNV	478440.5594	1349050.31
SSODT-3R1	SSODT-3R1^1-R	02/18/2004	0.0	0.5	Thorium-232	0.616	pCi/g	NV	478440.5594	1349050.31
SSODT-3R1	SSODT-3R1^1-R	02/18/2004	0.0	0.5	Uranium, Total	2.81	ug/g	UNV	478440.5594	1349050.31
SSODT-4	SSODT-4^1-L	02/18/2004	0.0	0.5	1,1-Dichloroethene	1.37	ug/kg	UNV	478379.879	1349009.679
SSODT-4	SSODT-4^1-L	02/18/2004	0.0	0.5	Bromodichloromethane	1.37	ug/kg	UNV	478379.879	1349009.679
SSODT-4	SSODT-4^1-L	02/18/2004	0.0	0.5	Tetrachloroethene	1.37	ug/kg	UNV	478379.879	1349009.679
SSODT-4	SSODT-4^1-L	02/18/2004	0.0	0.5	Trichloroethene	1.37	ug/kg	UNV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Antimony	2.57	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Aroclor-1254	12	ug/kg	J	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Aroclor-1260	3.7	ug/kg	J	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Arsenic	5.45	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Benzo(a)anthracene	0.07	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Benzo(a)pyrene	0.068	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Benzo(b)fluoranthene	0.0775	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Benzo(g,h,i)perylene	0.115	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Benzo(k)fluoranthene	0.084	mg/kg	UNV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Beryllium	0.447	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Cadmium	0.0929	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Cesium-137	0.0574	pCi/g	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Chrysene	0.0971	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0319	mg/kg	UNV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Dieldrin	0.842	ug/kg	U	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Fluoranthene	0.161	mg/kg	NV	478379.879	1349009.679

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PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Fluoride	2.32	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.123	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Lead	14.9	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Lead-210	0.825	pCi/g	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Manganese	423	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Molybdenum	1.08	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Neptunium-237	0.0786	pCi/g	UNV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Phenanthrene	0.0632	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Plutonium-238	0.262	pCi/g	UNV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Pyrene	0.182	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Radium-226	1.09	pCi/g	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Radium-228	0.697	pCi/g	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Silver	0.354	mg/kg	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Strontium-90	0.206	pCi/g	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Technetium-99	0.632	pCi/g	UNV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Thorium-228	0.698	pCi/g	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Thorium-230	14.4	pCi/g	UNV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Thorium-232	0.697	pCi/g	NV	478379.879	1349009.679
SSODT-4	SSODT-4^1-RMPS	02/18/2004	0.0	0.5	Uranium, Total	7.33	ug/g	NV	478379.879	1349009.679
SSODT-4L1	SSODT-4L1^1-R	02/18/2004	0.0	0.5	Radium-226	0.931	pCi/g	NV	478387.4234	1348999.11
SSODT-4L1	SSODT-4L1^1-R	02/18/2004	0.0	0.5	Radium-228	0.84	pCi/g	NV	478387.4234	1348999.11
SSODT-4L1	SSODT-4L1^1-R	02/18/2004	0.0	0.5	Thorium-228	0.976	pCi/g	NV	478387.4234	1348999.11
SSODT-4L1	SSODT-4L1^1-R	02/18/2004	0.0	0.5	Thorium-230	10.3	pCi/g	NV	478387.4234	1348999.11
SSODT-4L1	SSODT-4L1^1-R	02/18/2004	0.0	0.5	Thorium-232	0.84	pCi/g	NV	478387.4234	1348999.11
SSODT-4L1	SSODT-4L1^1-R	02/18/2004	0.0	0.5	Uranium, Total	6.59	ug/g	NV	478387.4234	1348999.11
SSODT-4R1	SSODT-4R1^1-R	02/18/2004	0.0	0.5	Radium-226	0.829	pCi/g	NV	478372.9021	1349021.718
SSODT-4R1	SSODT-4R1^1-R	02/18/2004	0.0	0.5	Radium-228	0.578	pCi/g	NV	478372.9021	1349021.718
SSODT-4R1	SSODT-4R1^1-R	02/18/2004	0.0	0.5	Thorium-228	0.57	pCi/g	NV	478372.9021	1349021.718
SSODT-4R1	SSODT-4R1^1-R	02/18/2004	0.0	0.5	Thorium-230	11.3	pCi/g	UNV	478372.9021	1349021.718
SSODT-4R1	SSODT-4R1^1-R	02/18/2004	0.0	0.5	Thorium-232	0.578	pCi/g	NV	478372.9021	1349021.718
SSODT-4R1	SSODT-4R1^1-R	02/18/2004	0.0	0.5	Uranium, Total	1.75	ug/g	NV	478372.9021	1349021.718
SSODT-5	SSODT-5^1-L	02/18/2004	0.0	0.5	1,1-Dichloroethene	1.23	ug/kg	UNV	478332.05	1348982.29
SSODT-5	SSODT-5^1-L	02/18/2004	0.0	0.5	Bromodichloromethane	1.23	ug/kg	UNV	478332.05	1348982.29

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-5	SSODT-5^1-L	02/18/2004	0.0	0.5	Tetrachloroethene	1.23	ug/kg	UNV	478332.05	1348982.29
SSODT-5	SSODT-5^1-L	02/18/2004	0.0	0.5	Trichloroethene	1.23	ug/kg	UNV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Antimony	2.25	mg/kg	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Aroclor-1254	78.8	ug/kg	-	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Aroclor-1260	29.1	ug/kg	-	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Arsenic	6	mg/kg	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Benzo(a)anthracene	0.0399	mg/kg	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Benzo(a)pyrene	0.084	mg/kg	UNV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Benzo(b)fluoranthene	0.084	mg/kg	UNV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0765	mg/kg	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Benzo(k)fluoranthene	0.084	mg/kg	UNV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Beryllium	0.375	mg/kg	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Cadmium	0.0982	mg/kg	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Cesium-137	0.0459	pCi/g	UNV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Chrysene	0.0477	mg/kg	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0319	mg/kg	UNV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Dieldrin	0.839	ug/kg	U	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Fluoranthene	0.0995	mg/kg	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Fluoride	2.71	mg/kg	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.084	mg/kg	UNV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Lead	18.4	mg/kg	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Lead-210	1.05	pCi/g	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Manganese	415	mg/kg	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Molybdenum	1.26	mg/kg	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Neptunium-237	0.0472	pCi/g	UNV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Phenanthrene	0.0551	mg/kg	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Plutonium-238	0.223	pCi/g	UNV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Pyrene	0.151	mg/kg	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Radium-226	1.16	pCi/g	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Radium-228	0.677	pCi/g	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Silver	0.37	mg/kg	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Strontium-90	0.155	pCi/g	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Technetium-99	0.621	pCi/g	UNV	478332.05	1348982.29

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Thorium-228	0.694	pCi/g	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Thorium-230	15.7	pCi/g	UNV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Thorium-232	0.677	pCi/g	NV	478332.05	1348982.29
SSODT-5	SSODT-5^1-RMPS	02/18/2004	0.0	0.5	Uranium, Total	7.89	ug/g	NV	478332.05	1348982.29
SSODT-5L1	SSODT-5L1^1-R	02/18/2004	0.0	0.5	Radium-226	1.17	pCi/g	NV	478339.9516	1348958.575
SSODT-5L1	SSODT-5L1^1-R	02/18/2004	0.0	0.5	Radium-228	0.782	pCi/g	NV	478339.9516	1348958.575
SSODT-5L1	SSODT-5L1^1-R	02/18/2004	0.0	0.5	Thorium-228	0.789	pCi/g	NV	478339.9516	1348958.575
SSODT-5L1	SSODT-5L1^1-R	02/18/2004	0.0	0.5	Thorium-230	11.6	pCi/g	NV	478339.9516	1348958.575
SSODT-5L1	SSODT-5L1^1-R	02/18/2004	0.0	0.5	Thorium-232	0.782	pCi/g	NV	478339.9516	1348958.575
SSODT-5L1	SSODT-5L1^1-R	02/18/2004	0.0	0.5	Uranium, Total	8.57	ug/g	NV	478339.9516	1348958.575
SSODT-5R1	SSODT-5R1^1-R	02/18/2004	0.0	0.5	Radium-226	0.975	pCi/g	NV	478331.7335	1348983.242
SSODT-5R1	SSODT-5R1^1-R	02/18/2004	0.0	0.5	Radium-228	0.777	pCi/g	NV	478331.7335	1348983.242
SSODT-5R1	SSODT-5R1^1-R	02/18/2004	0.0	0.5	Thorium-228	0.764	pCi/g	NV	478331.7335	1348983.242
SSODT-5R1	SSODT-5R1^1-R	02/18/2004	0.0	0.5	Thorium-230	13.5	pCi/g	UNV	478331.7335	1348983.242
SSODT-5R1	SSODT-5R1^1-R	02/18/2004	0.0	0.5	Thorium-232	0.777	pCi/g	NV	478331.7335	1348983.242
SSODT-5R1	SSODT-5R1^1-R	02/18/2004	0.0	0.5	Uranium, Total	4.94	ug/g	NV	478331.7335	1348983.242
SSODT-6	SSODT-6^1-L	02/19/2004	0.0	0.5	1,1-Dichloroethene	1.16	ug/kg	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-L	02/19/2004	0.0	0.5	Bromodichloromethane	1.16	ug/kg	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-L	02/19/2004	0.0	0.5	Tetrachloroethene	1.16	ug/kg	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-L	02/19/2004	0.0	0.5	Trichloroethene	1.16	ug/kg	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Antimony	0.455	mg/kg	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1254	13	ug/kg	-	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1260	11.9	ug/kg	U	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Arsenic	6.88	mg/kg	NV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)anthracene	0.096	mg/kg	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)pyrene	0.096	mg/kg	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Benzo(b)fluoranthene	0.096	mg/kg	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Benzo(g,h,i)perylene	0.096	mg/kg	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Benzo(k)fluoranthene	0.096	mg/kg	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Beryllium	0.616	mg/kg	NV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Cadmium	0.199	mg/kg	NV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Cesium-137	0.0667	pCi/g	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Chrysene	0.096	mg/kg	UNV	478234.093	1348973.662

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PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0364	mg/kg	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Dieldrin	0.954	ug/kg	U	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Fluoranthene	0.096	mg/kg	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Fluoride	1.98	mg/kg	NV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.1	mg/kg	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Lead	12.9	mg/kg	NV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Lead-210	1.38	pCi/g	NV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Manganese	620	mg/kg	NV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Molybdenum	1.1	mg/kg	NV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Neptunium-237	0.108	pCi/g	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Phenanthrene	0.096	mg/kg	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Plutonium-238	0.215	pCi/g	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Pyrene	0.096	mg/kg	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Radium-226	1.32	pCi/g	NV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Radium-228	0.902	pCi/g	NV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Silver	0.237	mg/kg	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Strontium-90	0.172	pCi/g	NV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Technetium-99	0.65	pCi/g	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Thorium-228	0.854	pCi/g	NV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Thorium-230	21.3	pCi/g	UNV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Thorium-232	0.902	pCi/g	NV	478234.093	1348973.662
SSODT-6	SSODT-6^1-RMPS	02/19/2004	0.0	0.5	Uranium, Total	4.15	ug/g	NV	478234.093	1348973.662
SSODT-6L1	SSODT-6L1^1-R	02/19/2004	0.0	0.5	Radium-226	0.956	pCi/g	NV	478234.1927	1348964.163
SSODT-6L1	SSODT-6L1^1-R	02/19/2004	0.0	0.5	Radium-228	0.647	pCi/g	NV	478234.1927	1348964.163
SSODT-6L1	SSODT-6L1^1-R	02/19/2004	0.0	0.5	Thorium-228	0.674	pCi/g	NV	478234.1927	1348964.163
SSODT-6L1	SSODT-6L1^1-R	02/19/2004	0.0	0.5	Thorium-230	16.5	pCi/g	UNV	478234.1927	1348964.163
SSODT-6L1	SSODT-6L1^1-R	02/19/2004	0.0	0.5	Thorium-232	0.647	pCi/g	NV	478234.1927	1348964.163
SSODT-6L1	SSODT-6L1^1-R	02/19/2004	0.0	0.5	Uranium, Total	9.99	ug/g	NV	478234.1927	1348964.163
SSODT-6L2	SSODT-6L2^1-R	02/19/2004	0.0	0.5	Radium-226	1.05	pCi/g	NV	478234.282	1348955.663
SSODT-6L2	SSODT-6L2^1-R	02/19/2004	0.0	0.5	Radium-228	0.697	pCi/g	NV	478234.282	1348955.663
SSODT-6L2	SSODT-6L2^1-R	02/19/2004	0.0	0.5	Thorium-228	0.691	pCi/g	NV	478234.282	1348955.663
SSODT-6L2	SSODT-6L2^1-R	02/19/2004	0.0	0.5	Thorium-230	17.4	pCi/g	UNV	478234.282	1348955.663
SSODT-6L2	SSODT-6L2^1-R	02/19/2004	0.0	0.5	Thorium-232	0.697	pCi/g	NV	478234.282	1348955.663

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-6L2	SSODT-6L2^1-R	02/19/2004	0.0	0.5	Uranium, Total	12.3	ug/g	NV	478234.282	1348955.663
SSODT-6R1	SSODT-6R1^1-L	02/19/2004	0.0	0.5	1,1-Dichloroethene	1.3	ug/kg	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-L	02/19/2004	0.0	0.5	Bromodichloromethane	1.3	ug/kg	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-L	02/19/2004	0.0	0.5	Tetrachloroethene	1.3	ug/kg	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-L	02/19/2004	0.0	0.5	Trichloroethene	1.3	ug/kg	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Antimony	0.506	mg/kg	NV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1254	48.9	ug/kg	-	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1260	12.2	ug/kg	U	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Arsenic	6.54	mg/kg	NV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)anthracene	0.098	mg/kg	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)pyrene	0.098	mg/kg	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Benzo(b)fluoranthene	0.098	mg/kg	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Benzo(g,h,i)perylene	0.098	mg/kg	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Benzo(k)fluoranthene	0.098	mg/kg	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Beryllium	0.617	mg/kg	NV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Cadmium	0.197	mg/kg	NV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Cesium-137	0.115	pCi/g	NV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Chrysene	0.098	mg/kg	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0373	mg/kg	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Dieldrin	0.977	ug/kg	U	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Fluoranthene	0.098	mg/kg	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Fluoride	2.57	mg/kg	NV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.1	mg/kg	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Lead	11.5	mg/kg	NV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Lead-210	1.44	pCi/g	NV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Manganese	442	mg/kg	NV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Molybdenum	1.1	mg/kg	NV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Neptunium-237	0.076	pCi/g	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Phenanthrene	0.098	mg/kg	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Plutonium-238	0.255	pCi/g	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Pyrene	0.098	mg/kg	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Radium-226	1.19	pCi/g	NV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Radium-228	0.836	pCi/g	NV	478234.0326	1348979.412

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PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Silver	0.228	mg/kg	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Strontium-90	0.151	pCi/g	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Technetium-99	0.661	pCi/g	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Thorium-228	0.819	pCi/g	NV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Thorium-230	22.9	pCi/g	UNV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Thorium-232	0.836	pCi/g	NV	478234.0326	1348979.412
SSODT-6R1	SSODT-6R1^1-RMPS	02/19/2004	0.0	0.5	Uranium, Total	5.27	ug/g	NV	478234.0326	1348979.412
SSODT-6R2	SSODT-6R2^1-R	02/19/2004	0.0	0.5	Radium-226	16.1	pCi/g	NV	478233.9906	1348983.411
SSODT-6R2	SSODT-6R2^1-R	02/19/2004	0.0	0.5	Radium-228	1.99	pCi/g	NV	478233.9906	1348983.411
SSODT-6R2	SSODT-6R2^1-R	02/19/2004	0.0	0.5	Thorium-228	2.2	pCi/g	NV	478233.9906	1348983.411
SSODT-6R2	SSODT-6R2^1-R	02/19/2004	0.0	0.5	Thorium-230	58.6	pCi/g	NV	478233.9906	1348983.411
SSODT-6R2	SSODT-6R2^1-R	02/19/2004	0.0	0.5	Thorium-232	1.99	pCi/g	NV	478233.9906	1348983.411
SSODT-6R2	SSODT-6R2^1-R	02/19/2004	0.0	0.5	Uranium, Total	40.2	ug/g	NV	478233.9906	1348983.411
SSODT-6R2	SSODT-6R2^2-R	09/28/2004	0.5	1.0	Radium-226	13.1	pCi/g	-	478233.9906	1348983.411
SSODT-6R2	SSODT-6R2^3-R	09/28/2004	1.0	1.5	Radium-226	0.924	pCi/g	-	478233.9906	1348983.411
SSODT-6R2	SSODT-6R2^4-R	09/28/2004	1.5	2.0	Radium-226	0.651	pCi/g	-	478233.9906	1348983.411
SSODT-6R2	SSODT-6R2^7-R	09/28/2004	3.0	3.5	Radium-226	0.538	pCi/g	-	478233.9906	1348983.411
SSODT-6R3	SSODT-6R3^1-R	02/19/2004	0.0	0.5	Radium-226	1.16	pCi/g	NV	478233.9363	1348988.581
SSODT-6R3	SSODT-6R3^1-R	02/19/2004	0.0	0.5	Radium-228	0.809	pCi/g	NV	478233.9363	1348988.581
SSODT-6R3	SSODT-6R3^1-R	02/19/2004	0.0	0.5	Thorium-228	0.801	pCi/g	NV	478233.9363	1348988.581
SSODT-6R3	SSODT-6R3^1-R	02/19/2004	0.0	0.5	Thorium-230	13.9	pCi/g	UNV	478233.9363	1348988.581
SSODT-6R3	SSODT-6R3^1-R	02/19/2004	0.0	0.5	Thorium-232	0.809	pCi/g	NV	478233.9363	1348988.581
SSODT-6R3	SSODT-6R3^1-R	02/19/2004	0.0	0.5	Uranium, Total	9.84	ug/g	NV	478233.9363	1348988.581
SSODT-7	SSODT-7^1-L	02/19/2004	0.0	0.5	1,1-Dichloroethene	1.33	ug/kg	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-L	02/19/2004	0.0	0.5	Bromodichloromethane	1.33	ug/kg	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-L	02/19/2004	0.0	0.5	Tetrachloroethene	1.33	ug/kg	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-L	02/19/2004	0.0	0.5	Trichloroethene	1.33	ug/kg	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Antimony	0.626	mg/kg	NV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1254	21	ug/kg	-	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1260	10.9	ug/kg	U	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Arsenic	6.26	mg/kg	NV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)anthracene	0.087	mg/kg	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)pyrene	0.087	mg/kg	UNV	478158.047	1348986.406

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PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Benzo(b)fluoranthene	0.087	mg/kg	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Benzo(g,h,i)perylene	0.087	mg/kg	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Benzo(k)fluoranthene	0.087	mg/kg	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Beryllium	0.599	mg/kg	NV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Cadmium	0.165	mg/kg	NV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Cesium-137	0.0505	pCi/g	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Chrysene	0.087	mg/kg	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0331	mg/kg	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Dieldrin	0.875	ug/kg	U	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Fluoranthene	0.087	mg/kg	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Fluoride	3.25	mg/kg	NV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.094	mg/kg	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Lead	10.1	mg/kg	NV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Lead-210	0.981	pCi/g	NV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Manganese	478	mg/kg	NV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Molybdenum	0.997	mg/kg	NV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Neptunium-237	0.0746	pCi/g	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Phenanthrene	0.087	mg/kg	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Plutonium-238	0.276	pCi/g	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Pyrene	0.087	mg/kg	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Radium-226	0.968	pCi/g	NV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Radium-228	0.713	pCi/g	NV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Silver	0.222	mg/kg	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Strontium-90	0.131	pCi/g	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Technetium-99	0.596	pCi/g	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Thorium-228	0.727	pCi/g	NV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Thorium-230	16.9	pCi/g	UNV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Thorium-232	0.713	pCi/g	NV	478158.047	1348986.406
SSODT-7	SSODT-7^1-RMPS	02/19/2004	0.0	0.5	Uranium, Total	6.87	ug/g	NV	478158.047	1348986.406
SSODT-7L1	SSODT-7L1^1-R	02/19/2004	0.0	0.5	Radium-226	1.12	pCi/g	NV	478156.6698	1348966.118
SSODT-7L1	SSODT-7L1^1-R	02/19/2004	0.0	0.5	Radium-228	0.921	pCi/g	NV	478156.6698	1348966.118
SSODT-7L1	SSODT-7L1^1-R	02/19/2004	0.0	0.5	Thorium-228	0.983	pCi/g	NV	478156.6698	1348966.118
SSODT-7L1	SSODT-7L1^1-R	02/19/2004	0.0	0.5	Thorium-230	17.4	pCi/g	NV	478156.6698	1348966.118

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-7L1	SSODT-7L1^1-R	02/19/2004	0.0	0.5	Thorium-232	0.921	pCi/g	NV	478156.6698	1348966.118
SSODT-7L1	SSODT-7L1^1-R	02/19/2004	0.0	0.5	Uranium, Total	11.7	ug/g	NV	478156.6698	1348966.118
SSODT-7L2	SSODT-7L2^1-R	02/19/2004	0.0	0.5	Radium-226	0.914	pCi/g	NV	478155.8487	1348956.824
SSODT-7L2	SSODT-7L2^1-R	02/19/2004	0.0	0.5	Radium-228	0.68	pCi/g	NV	478155.8487	1348956.824
SSODT-7L2	SSODT-7L2^1-R	02/19/2004	0.0	0.5	Thorium-228	0.69	pCi/g	NV	478155.8487	1348956.824
SSODT-7L2	SSODT-7L2^1-R	02/19/2004	0.0	0.5	Thorium-230	12.5	pCi/g	UNV	478155.8487	1348956.824
SSODT-7L2	SSODT-7L2^1-R	02/19/2004	0.0	0.5	Thorium-232	0.68	pCi/g	NV	478155.8487	1348956.824
SSODT-7L2	SSODT-7L2^1-R	02/19/2004	0.0	0.5	Uranium, Total	4.29	ug/g	NV	478155.8487	1348956.824
SSODT-7R1	SSODT-7R1^1-R	02/19/2004	0.0	0.5	Radium-226	6.91	pCi/g	NV	478160.1902	1349005.962
SSODT-7R1	SSODT-7R1^1-R	02/19/2004	0.0	0.5	Radium-228	16.5	pCi/g	NV	478160.1902	1349005.962
SSODT-7R1	SSODT-7R1^1-R	02/19/2004	0.0	0.5	Thorium-228	16.8	pCi/g	NV	478160.1902	1349005.962
SSODT-7R1	SSODT-7R1^1-R	02/19/2004	0.0	0.5	Thorium-230	349	pCi/g	NV	478160.1902	1349005.962
SSODT-7R1	SSODT-7R1^1-R	02/19/2004	0.0	0.5	Thorium-232	16.5	pCi/g	NV	478160.1902	1349005.962
SSODT-7R1	SSODT-7R1^1-R	02/19/2004	0.0	0.5	Uranium, Total	353	ug/g	NV	478160.1902	1349005.962
SSODT-7R1	SSODT-7R1^2-R	09/27/2004	0.5	1.0	Radium-226	7.48	pCi/g	-	478160.1902	1349005.962
SSODT-7R1	SSODT-7R1^3-R	09/27/2004	1.0	1.5	Radium-226	3.96	pCi/g	-	478160.1902	1349005.962
SSODT-7R1	SSODT-7R1^4-R	09/27/2004	1.5	2.0	Radium-226	2.98	pCi/g	-	478160.1902	1349005.962
SSODT-7R1	SSODT-7R1^7-R	09/27/2004	3.0	3.5	Radium-226	1.17	pCi/g	-	478160.1902	1349005.962
SSODT-7R2	SSODT-7R2^1-R	02/19/2004	0.0	0.5	Radium-226	0.97	pCi/g	NV	478160.6816	1349011.524
SSODT-7R2	SSODT-7R2^1-R	02/19/2004	0.0	0.5	Radium-228	0.649	pCi/g	NV	478160.6816	1349011.524
SSODT-7R2	SSODT-7R2^1-R	02/19/2004	0.0	0.5	Thorium-228	0.671	pCi/g	NV	478160.6816	1349011.524
SSODT-7R2	SSODT-7R2^1-R	02/19/2004	0.0	0.5	Thorium-230	11.1	pCi/g	UNV	478160.6816	1349011.524
SSODT-7R2	SSODT-7R2^1-R	02/19/2004	0.0	0.5	Thorium-232	0.649	pCi/g	NV	478160.6816	1349011.524
SSODT-7R2	SSODT-7R2^1-R	02/19/2004	0.0	0.5	Uranium, Total	6.96	ug/g	NV	478160.6816	1349011.524
SSODT-8	SSODT-8^1-L	02/19/2004	0.0	0.5	1,1-Dichloroethene	1.4	ug/kg	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-L	02/19/2004	0.0	0.5	Bromodichloromethane	1.4	ug/kg	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-L	02/19/2004	0.0	0.5	Tetrachloroethene	1.4	ug/kg	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-L	02/19/2004	0.0	0.5	Trichloroethene	1.4	ug/kg	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Antimony	0.418	mg/kg	NV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1254	147	ug/kg	-	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1260	83.3	ug/kg	-	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Arsenic	4.88	mg/kg	NV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)anthracene	0.087	mg/kg	UNV	478060.178	1349026.954

APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)pyrene	0.087	mg/kg	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Benzo(b)fluoranthene	0.087	mg/kg	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Benzo(g,h,i)perylene	0.087	mg/kg	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Benzo(k)fluoranthene	0.087	mg/kg	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Beryllium	0.46	mg/kg	NV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Cadmium	0.156	mg/kg	NV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Cesium-137	0.0554	pCi/g	NV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Chrysene	0.087	mg/kg	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0331	mg/kg	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Dieldrin	0.862	ug/kg	U	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Fluoranthene	0.087	mg/kg	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Fluoride	2.1	mg/kg	NV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.094	mg/kg	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Lead	9.31	mg/kg	NV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Lead-210	0.868	pCi/g	NV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Manganese	340	mg/kg	NV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Molybdenum	0.92	mg/kg	NV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Neptunium-237	0.0738	pCi/g	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Phenanthrene	0.087	mg/kg	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Plutonium-238	0.278	pCi/g	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Pyrene	0.087	mg/kg	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Radium-226	0.883	pCi/g	NV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Radium-228	0.784	pCi/g	NV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Silver	0.212	mg/kg	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Strontium-90	0.138	pCi/g	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Technetium-99	0.634	pCi/g	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Thorium-228	0.763	pCi/g	NV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Thorium-230	16.8	pCi/g	UNV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Thorium-232	0.784	pCi/g	NV	478060.178	1349026.954
SSODT-8	SSODT-8^1-RMPS	02/19/2004	0.0	0.5	Uranium, Total	7.86	ug/g	NV	478060.178	1349026.954
SSODT-8L1	SSODT-8L1^1-R	02/19/2004	0.0	0.5	Radium-226	1.15	pCi/g	NV	478053.5704	1349008.411
SSODT-8L1	SSODT-8L1^1-R	02/19/2004	0.0	0.5	Radium-228	0.777	pCi/g	NV	478053.5704	1349008.411
SSODT-8L1	SSODT-8L1^1-R	02/19/2004	0.0	0.5	Thorium-228	0.842	pCi/g	NV	478053.5704	1349008.411

APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-8L1	SSODT-8L1^1-R	02/19/2004	0.0	0.5	Thorium-230	7.94	pCi/g	NV	478053.5704	1349008.411
SSODT-8L1	SSODT-8L1^1-R	02/19/2004	0.0	0.5	Thorium-232	0.777	pCi/g	NV	478053.5704	1349008.411
SSODT-8L1	SSODT-8L1^1-R	02/19/2004	0.0	0.5	Uranium, Total	18.1	ug/g	NV	478053.5704	1349008.411
SSODT-8R1	SSODT-8R1^1-R	02/19/2004	0.0	0.5	Radium-226	0.669	pCi/g	NV	478061.9957	1349033.621
SSODT-8R1	SSODT-8R1^1-R	02/19/2004	0.0	0.5	Radium-228	0.503	pCi/g	NV	478061.9957	1349033.621
SSODT-8R1	SSODT-8R1^1-R	02/19/2004	0.0	0.5	Thorium-228	0.502	pCi/g	NV	478061.9957	1349033.621
SSODT-8R1	SSODT-8R1^1-R	02/19/2004	0.0	0.5	Thorium-230	9.74	pCi/g	UNV	478061.9957	1349033.621
SSODT-8R1	SSODT-8R1^1-R	02/19/2004	0.0	0.5	Thorium-232	0.503	pCi/g	NV	478061.9957	1349033.621
SSODT-8R1	SSODT-8R1^1-R	02/19/2004	0.0	0.5	Uranium, Total	3.87	ug/g	NV	478061.9957	1349033.621
SSODT-9	SSODT-9^1-L	02/19/2004	0.0	0.5	1,1-Dichloroethene	1.48	ug/kg	U	477948.381	1349056.991
SSODT-9	SSODT-9^1-L	02/19/2004	0.0	0.5	Bromodichloromethane	1.48	ug/kg	U	477948.381	1349056.991
SSODT-9	SSODT-9^1-L	02/19/2004	0.0	0.5	Tetrachloroethene	1.48	ug/kg	U	477948.381	1349056.991
SSODT-9	SSODT-9^1-L	02/19/2004	0.0	0.5	Trichloroethene	1.48	ug/kg	U	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Antimony	0.658	mg/kg	NV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1254	65.3	ug/kg	-	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1260	34.2	ug/kg	-	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Arsenic	5.7	mg/kg	NV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)anthracene	0.084	mg/kg	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)pyrene	0.084	mg/kg	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Benzo(b)fluoranthene	0.084	mg/kg	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Benzo(g,h,i)perylene	0.084	mg/kg	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Benzo(k)fluoranthene	0.084	mg/kg	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Beryllium	0.45	mg/kg	NV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Cadmium	0.163	mg/kg	NV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Cesium-137	0.0651	pCi/g	NV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Chrysene	0.084	mg/kg	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0319	mg/kg	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Dieldrin	0.832	ug/kg	U	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Fluoranthene	0.084	mg/kg	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Fluoride	2	mg/kg	NV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.091	mg/kg	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Lead	12	mg/kg	NV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Lead-210	1.12	pCi/g	NV	477948.381	1349056.991

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Manganese	403	mg/kg	NV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Molybdenum	0.955	mg/kg	NV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Neptunium-237	0.0863	pCi/g	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Phenanthrene	0.084	mg/kg	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Plutonium-238	0.247	pCi/g	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Pyrene	0.084	mg/kg	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Radium-226	1.05	pCi/g	NV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Radium-228	0.972	pCi/g	NV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Silver	0.205	mg/kg	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Strontium-90	0.153	pCi/g	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Technetium-99	0.631	pCi/g	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Thorium-228	0.989	pCi/g	NV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Thorium-230	16.1	pCi/g	UNV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Thorium-232	0.972	pCi/g	NV	477948.381	1349056.991
SSODT-9	SSODT-9^1-RMPS	02/19/2004	0.0	0.5	Uranium, Total	7.61	ug/g	NV	477948.381	1349056.991
SSODT-9L1	SSODT-9L1^1-R	02/19/2004	0.0	0.5	Radium-226	4.16	pCi/g	-	477943.7129	1349046.263
SSODT-9L1	SSODT-9L1^1-R	02/19/2004	0.0	0.5	Radium-228	1.18	pCi/g	-	477943.7129	1349046.263
SSODT-9L1	SSODT-9L1^1-R	02/19/2004	0.0	0.5	Thorium-228	1.21	pCi/g	-	477943.7129	1349046.263
SSODT-9L1	SSODT-9L1^1-R	02/19/2004	0.0	0.5	Thorium-230	19.7	pCi/g	U	477943.7129	1349046.263
SSODT-9L1	SSODT-9L1^1-R	02/19/2004	0.0	0.5	Thorium-232	1.18	pCi/g	-	477943.7129	1349046.263
SSODT-9L1	SSODT-9L1^1-R	02/19/2004	0.0	0.5	Uranium, Total	18.2	ug/g	-	477943.7129	1349046.263
SSODT-9R1	SSODT-9R1^1-R	02/19/2004	0.0	0.5	Radium-226	0.833	pCi/g	-	477952.0716	1349065.473
SSODT-9R1	SSODT-9R1^1-R	02/19/2004	0.0	0.5	Radium-228	0.549	pCi/g	-	477952.0716	1349065.473
SSODT-9R1	SSODT-9R1^1-R	02/19/2004	0.0	0.5	Thorium-228	0.542	pCi/g	-	477952.0716	1349065.473
SSODT-9R1	SSODT-9R1^1-R	02/19/2004	0.0	0.5	Thorium-230	12.8	pCi/g	U	477952.0716	1349065.473
SSODT-9R1	SSODT-9R1^1-R	02/19/2004	0.0	0.5	Thorium-232	0.549	pCi/g	-	477952.0716	1349065.473
SSODT-9R1	SSODT-9R1^1-R	02/19/2004	0.0	0.5	Uranium, Total	2.35	ug/g	U	477952.0716	1349065.473
SSODT-10	SSODT-10^1-L	02/19/2004	0.0	0.5	1,1-Dichloroethene	1.06	ug/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-L	02/19/2004	0.0	0.5	Bromodichloromethane	1.06	ug/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-L	02/19/2004	0.0	0.5	Tetrachloroethene	1.06	ug/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-L	02/19/2004	0.0	0.5	Trichloroethene	1.06	ug/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Antimony	1.26	mg/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1254	20.2	ug/kg	-	477834.153	1349065.511

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1260	13.8	ug/kg	-	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Arsenic	2.07	mg/kg	J	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)anthracene	0.078	mg/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)pyrene	0.078	mg/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Benzo(b)fluoranthene	0.078	mg/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0704	mg/kg	J	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Benzo(k)fluoranthene	0.078	mg/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Beryllium	0.193	mg/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Cadmium	0.0796	mg/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Cesium-137	0.0344	pCi/g	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Chrysene	0.078	mg/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0296	mg/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Dieldrin	1.1	ug/kg	J	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Fluoranthene	0.078	mg/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Fluoride	2.67	mg/kg	-	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.084	mg/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Lead	6.14	mg/kg	J	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Lead-210	1.23	pCi/g	-	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Manganese	408	mg/kg	-	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Molybdenum	1.38	mg/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Neptunium-237	0.0993	pCi/g	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Phenanthrene	0.078	mg/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Plutonium-238	0.175	pCi/g	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Pyrene	0.0952	mg/kg	J	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Radium-226	0.781	pCi/g	-	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Radium-228	0.539	pCi/g	-	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Silver	0.347	mg/kg	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Strontium-90	0.198	pCi/g	-	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Technetium-99	0.607	pCi/g	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Thorium-228	0.562	pCi/g	-	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Thorium-230	12.4	pCi/g	U	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Thorium-232	0.539	pCi/g	-	477834.153	1349065.511
SSODT-10	SSODT-10^1-RMPS	02/19/2004	0.0	0.5	Uranium, Total	6.74	ug/g	-	477834.153	1349065.511

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-10L1	SSODT-10L1^1-R	02/19/2004	0.0	0.5	Radium-226	1.19	pCi/g	-	477832.9627	1349052.893
SSODT-10L1	SSODT-10L1^1-R	02/19/2004	0.0	0.5	Radium-228	0.689	pCi/g	-	477832.9627	1349052.893
SSODT-10L1	SSODT-10L1^1-R	02/19/2004	0.0	0.5	Thorium-228	0.87	pCi/g	-	477832.9627	1349052.893
SSODT-10L1	SSODT-10L1^1-R	02/19/2004	0.0	0.5	Thorium-230	7.56	pCi/g	U	477832.9627	1349052.893
SSODT-10L1	SSODT-10L1^1-R	02/19/2004	0.0	0.5	Thorium-232	0.689	pCi/g	-	477832.9627	1349052.893
SSODT-10L1	SSODT-10L1^1-R	02/19/2004	0.0	0.5	Uranium, Total	12.8	ug/g	-	477832.9627	1349052.893
SSODT-10R1	SSODT-10R1^1-R	02/19/2004	0.0	0.5	Radium-226	2.34	pCi/g	-	477834.7916	1349078.407
SSODT-10R1	SSODT-10R1^1-R	02/19/2004	0.0	0.5	Radium-228	2.5	pCi/g	-	477834.7916	1349078.407
SSODT-10R1	SSODT-10R1^1-R	02/19/2004	0.0	0.5	Thorium-228	2.43	pCi/g	-	477834.7916	1349078.407
SSODT-10R1	SSODT-10R1^1-R	02/19/2004	0.0	0.5	Thorium-230	20.5	pCi/g	U	477834.7916	1349078.407
SSODT-10R1	SSODT-10R1^1-R	02/19/2004	0.0	0.5	Thorium-232	2.5	pCi/g	-	477834.7916	1349078.407
SSODT-10R1	SSODT-10R1^1-R	02/19/2004	0.0	0.5	Uranium, Total	76.4	ug/g	-	477834.7916	1349078.407
SSODT-10R1	SSODT-10R1^2-R	09/27/2004	0.5	1.0	Radium-226	1.66	pCi/g	-	477834.7916	1349078.407
SSODT-10R1	SSODT-10R1^3-R	09/27/2004	1.0	1.5	Radium-226	0.897	pCi/g	-	477834.7916	1349078.407
SSODT-10R1	SSODT-10R1^4-R	09/27/2004	1.5	2.0	Radium-226	0.9	pCi/g	-	477834.7916	1349078.407
SSODT-10R1	SSODT-10R1^7-R	09/27/2004	3.0	3.5	Radium-226	0.466	pCi/g	-	477834.7916	1349078.407
SSODT-11	SSODT-11^1-L	02/19/2004	0.0	0.5	1,1-Dichloroethene	1.23	ug/kg	U	477742.09	1349095.71
SSODT-11	SSODT-11^1-L	02/19/2004	0.0	0.5	Bromodichloromethane	1.23	ug/kg	U	477742.09	1349095.71
SSODT-11	SSODT-11^1-L	02/19/2004	0.0	0.5	Tetrachloroethene	1.23	ug/kg	U	477742.09	1349095.71
SSODT-11	SSODT-11^1-L	02/19/2004	0.0	0.5	Trichloroethene	1.23	ug/kg	U	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Antimony	2.14	mg/kg	U	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1254	85.8	ug/kg	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1260	40.4	ug/kg	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Arsenic	3.8	mg/kg	J	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)anthracene	0.141	mg/kg	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)pyrene	0.211	mg/kg	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Benzo(b)fluoranthene	0.339	mg/kg	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Benzo(g,h,i)perylene	0.24	mg/kg	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Benzo(k)fluoranthene	0.0906	mg/kg	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Beryllium	0.304	mg/kg	U	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Cadmium	0.131	mg/kg	U	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Cesium-137	0.0624	pCi/g	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Chrysene	0.246	mg/kg	-	477742.09	1349095.71

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0907	mg/kg	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Dieldrin	0.81	ug/kg	J	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Fluoranthene	0.402	mg/kg	J	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Fluoride	2.3	mg/kg	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.264	mg/kg	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Lead	10.7	mg/kg	J	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Lead-210	0.88	pCi/g	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Manganese	386	mg/kg	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Molybdenum	1.5	mg/kg	U	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Neptunium-237	0.0991	pCi/g	U	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Phenanthrene	0.151	mg/kg	J	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Plutonium-238	0.117	pCi/g	U	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Pyrene	0.334	mg/kg	J	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Radium-226	0.87	pCi/g	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Radium-228	0.746	pCi/g	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Silver	0.36	mg/kg	U	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Strontium-90	0.128	pCi/g	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Technetium-99	0.604	pCi/g	U	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Thorium-228	0.802	pCi/g	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Thorium-230	13.5	pCi/g	U	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Thorium-232	0.746	pCi/g	-	477742.09	1349095.71
SSODT-11	SSODT-11^1-RMPS	02/19/2004	0.0	0.5	Uranium, Total	6.11	ug/g	-	477742.09	1349095.71
SSODT-11L1	SSODT-11L1^1-R	02/19/2004	0.0	0.5	Radium-226	12.9	pCi/g	-	477743.4553	1349077.094
SSODT-11L1	SSODT-11L1^1-R	02/19/2004	0.0	0.5	Radium-228	2.04	pCi/g	-	477743.4553	1349077.094
SSODT-11L1	SSODT-11L1^1-R	02/19/2004	0.0	0.5	Thorium-228	2.14	pCi/g	-	477743.4553	1349077.094
SSODT-11L1	SSODT-11L1^1-R	02/19/2004	0.0	0.5	Thorium-230	27.5	pCi/g	-	477743.4553	1349077.094
SSODT-11L1	SSODT-11L1^1-R	02/19/2004	0.0	0.5	Thorium-232	2.04	pCi/g	-	477743.4553	1349077.094
SSODT-11L1	SSODT-11L1^1-R	02/19/2004	0.0	0.5	Uranium, Total	52.3	ug/g	-	477743.4553	1349077.094
SSODT-11R1	SSODT-11R1^1-R	02/19/2004	0.0	0.5	Radium-226	1.98	pCi/g	-	477742.0563	1349096.21
SSODT-11R1	SSODT-11R1^1-R	02/19/2004	0.0	0.5	Radium-228	3.43	pCi/g	-	477742.0563	1349096.21
SSODT-11R1	SSODT-11R1^1-R	02/19/2004	0.0	0.5	Thorium-228	3.39	pCi/g	-	477742.0563	1349096.21
SSODT-11R1	SSODT-11R1^1-R	02/19/2004	0.0	0.5	Thorium-230	20.3	pCi/g	U	477742.0563	1349096.21
SSODT-11R1	SSODT-11R1^1-R	02/19/2004	0.0	0.5	Thorium-232	3.43	pCi/g	-	477742.0563	1349096.21

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-11R1	SSODT-11R1^1-R	02/19/2004	0.0	0.5	Uranium, Total	87.1	ug/g	-	477742.0563	1349096.21
SSODT-12	SSODT-12^1-L	02/26/2004	0.0	0.5	1,1-Dichloroethene	1.11	ug/kg	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-L	02/26/2004	0.0	0.5	Bromodichloromethane	1.11	ug/kg	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-L	02/26/2004	0.0	0.5	Tetrachloroethene	1.11	ug/kg	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-L	02/26/2004	0.0	0.5	Trichloroethene	1.11	ug/kg	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Antimony	0.969	mg/kg	NV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Aroclor-1254	68.4	ug/kg	-	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Aroclor-1260	23.8	ug/kg	-	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Arsenic	2.46	mg/kg	NV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Benzo(a)anthracene	0.0957	mg/kg	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Benzo(a)pyrene	0.0957	mg/kg	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Benzo(b)fluoranthene	0.0957	mg/kg	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0957	mg/kg	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Benzo(k)fluoranthene	0.0957	mg/kg	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Beryllium	0.176	mg/kg	NV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Cadmium	0.127	mg/kg	NV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Cesium-137	0.0599	pCi/g	NV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Chrysene	0.0957	mg/kg	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0291	mg/kg	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Dieldrin	0.756	ug/kg	U	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Fluoranthene	0.0421	mg/kg	NV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Fluoride	4.49	mg/kg	NV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0827	mg/kg	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Lead	6	mg/kg	NV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Lead-210	1.34	pCi/g	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Manganese	402	mg/kg	NV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Molybdenum	0.899	mg/kg	NV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Neptunium-237	0.0884	pCi/g	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Phenanthrene	0.0957	mg/kg	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Plutonium-238	0.125	pCi/g	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Pyrene	0.0957	mg/kg	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Radium-226	0.761	pCi/g	NV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Radium-228	0.526	pCi/g	NV	477638.327	1349058.427

APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Silver	0.328	mg/kg	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Strontium-90	0.0833	pCi/g	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Technetium-99	0.819	pCi/g	NV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Thorium-228	0.563	pCi/g	NV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Thorium-230	12.1	pCi/g	UNV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Thorium-232	0.526	pCi/g	NV	477638.327	1349058.427
SSODT-12	SSODT-12^1-RMPS	02/26/2004	0.0	0.5	Uranium, Total	4.36	ug/g	NV	477638.327	1349058.427
SSODT-12L1	SSODT-12L1^1-R	02/26/2004	0.0	0.5	Radium-226	0.781	pCi/g	NV	477639.1668	1349054.841
SSODT-12L1	SSODT-12L1^1-R	02/26/2004	0.0	0.5	Radium-228	0.511	pCi/g	NV	477639.1668	1349054.841
SSODT-12L1	SSODT-12L1^1-R	02/26/2004	0.0	0.5	Thorium-228	0.526	pCi/g	NV	477639.1668	1349054.841
SSODT-12L1	SSODT-12L1^1-R	02/26/2004	0.0	0.5	Thorium-230	13.5	pCi/g	UNV	477639.1668	1349054.841
SSODT-12L1	SSODT-12L1^1-R	02/26/2004	0.0	0.5	Thorium-232	0.511	pCi/g	NV	477639.1668	1349054.841
SSODT-12L1	SSODT-12L1^1-R	02/26/2004	0.0	0.5	Uranium, Total	4.92	ug/g	NV	477639.1668	1349054.841
SSODT-12R1	SSODT-12R1^1-R	02/26/2004	0.0	0.5	Radium-226	5.8	pCi/g	NV	477628.7762	1349078.037
SSODT-12R1	SSODT-12R1^1-R	02/26/2004	0.0	0.5	Radium-228	1.16	pCi/g	NV	477628.7762	1349078.037
SSODT-12R1	SSODT-12R1^1-R	02/26/2004	0.0	0.5	Thorium-228	1.2	pCi/g	NV	477628.7762	1349078.037
SSODT-12R1	SSODT-12R1^1-R	02/26/2004	0.0	0.5	Thorium-230	21.1	pCi/g	UNV	477628.7762	1349078.037
SSODT-12R1	SSODT-12R1^1-R	02/26/2004	0.0	0.5	Thorium-232	1.16	pCi/g	NV	477628.7762	1349078.037
SSODT-12R1	SSODT-12R1^1-R	02/26/2004	0.0	0.5	Uranium, Total	20.3	ug/g	NV	477628.7762	1349078.037
SSODT-12R1	SSODT-12R1^2-R	09/27/2004	0.5	1.0	Radium-226	0.779	pCi/g	-	477628.7762	1349078.037
SSODT-12R1	SSODT-12R1^3-R	09/27/2004	1.0	1.5	Radium-226	0.876	pCi/g	-	477628.7762	1349078.037
SSODT-12R1	SSODT-12R1^4-R	09/27/2004	1.5	2.0	Radium-226	0.751	pCi/g	-	477628.7762	1349078.037
SSODT-12R1	SSODT-12R1^7-R	09/27/2004	3.0	3.5	Radium-226	0.865	pCi/g	-	477628.7762	1349078.037
SSODT-13	SSODT-13^1-L	02/26/2004	0.0	0.5	1,1-Dichloroethene	1.21	ug/kg	UNV	477552.539	1348890.75
SSODT-13	SSODT-13^1-L	02/26/2004	0.0	0.5	Bromodichloromethane	1.21	ug/kg	UNV	477552.539	1348890.75
SSODT-13	SSODT-13^1-L	02/26/2004	0.0	0.5	Tetrachloroethene	1.21	ug/kg	UNV	477552.539	1348890.75
SSODT-13	SSODT-13^1-L	02/26/2004	0.0	0.5	Trichloroethene	1.21	ug/kg	UNV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Antimony	1.54	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Aroclor-1254	20.8	ug/kg	-	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Aroclor-1260	26.5	ug/kg	-	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Arsenic	4.93	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Benzo(a)anthracene	0.0939	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Benzo(a)pyrene	0.0894	mg/kg	NV	477552.539	1348890.75

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Benzo(b)fluoranthene	0.112	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Benzo(g,h,i)perylene	0.052	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Benzo(k)fluoranthene	0.0546	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Beryllium	0.273	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Cadmium	0.219	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Cesium-137	0.0585	pCi/g	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Chrysene	0.114	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0295	mg/kg	UNV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Dieldrin	0.771	ug/kg	U	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Fluoranthene	0.276	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Fluoride	2.24	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0603	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Lead	8.29	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Manganese	442	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Molybdenum	1.36	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Phenanthrene	0.256	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Pyrene	0.209	mg/kg	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Radium-226	0.781	pCi/g	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Radium-228	0.627	pCi/g	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Silver	0.333	mg/kg	UNV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Technetium-99	0.623	pCi/g	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Thorium-228	0.626	pCi/g	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Thorium-230	9.2	pCi/g	UNV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Thorium-232	0.627	pCi/g	NV	477552.539	1348890.75
SSODT-13	SSODT-13^1-RMPS	02/26/2004	0.0	0.5	Uranium, Total	5.33	ug/g	NV	477552.539	1348890.75
SSODT-13L1	SSODT-13L1^1-R	02/26/2004	0.0	0.5	Radium-226	0.717	pCi/g	NV	477560.2388	1348890.754
SSODT-13L1	SSODT-13L1^1-R	02/26/2004	0.0	0.5	Radium-228	0.541	pCi/g	NV	477560.2388	1348890.754
SSODT-13L1	SSODT-13L1^1-R	02/26/2004	0.0	0.5	Thorium-228	0.558	pCi/g	NV	477560.2388	1348890.754
SSODT-13L1	SSODT-13L1^1-R	02/26/2004	0.0	0.5	Thorium-230	6.35	pCi/g	UNV	477560.2388	1348890.754
SSODT-13L1	SSODT-13L1^1-R	02/26/2004	0.0	0.5	Thorium-232	0.541	pCi/g	NV	477560.2388	1348890.754
SSODT-13L1	SSODT-13L1^1-R	02/26/2004	0.0	0.5	Uranium, Total	3.28	ug/g	NV	477560.2388	1348890.754
SSODT-13R1	SSODT-13R1^1-R	02/26/2004	0.0	0.5	Radium-226	0.888	pCi/g	NV	477538.242	1348891.128
SSODT-13R1	SSODT-13R1^1-R	02/26/2004	0.0	0.5	Radium-228	0.664	pCi/g	NV	477538.242	1348891.128

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-13R1	SSODT-13R1^1-R	02/26/2004	0.0	0.5	Thorium-228	0.654	pCi/g	NV	477538.242	1348891.128
SSODT-13R1	SSODT-13R1^1-R	02/26/2004	0.0	0.5	Thorium-230	11.6	pCi/g	UNV	477538.242	1348891.128
SSODT-13R1	SSODT-13R1^1-R	02/26/2004	0.0	0.5	Thorium-232	0.664	pCi/g	NV	477538.242	1348891.128
SSODT-13R1	SSODT-13R1^1-R	02/26/2004	0.0	0.5	Uranium, Total	19.4	ug/g	NV	477538.242	1348891.128
SSODT-14	SSODT-14^1-L	02/26/2004	0.0	0.5	1,1-Dichloroethene	1.11	ug/kg	UNV	477469.204	1348770.936
SSODT-14	SSODT-14^1-L	02/26/2004	0.0	0.5	Bromodichloromethane	1.11	ug/kg	UNV	477469.204	1348770.936
SSODT-14	SSODT-14^1-L	02/26/2004	0.0	0.5	Tetrachloroethene	1.11	ug/kg	UNV	477469.204	1348770.936
SSODT-14	SSODT-14^1-L	02/26/2004	0.0	0.5	Trichloroethene	1.11	ug/kg	UNV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Antimony	1.71	mg/kg	NV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Aroclor-1254	14.1	ug/kg	-	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Aroclor-1260	8	ug/kg	J	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Arsenic	4.89	mg/kg	NV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Benzo(a)anthracene	0.0969	mg/kg	UNV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Benzo(a)pyrene	0.0969	mg/kg	UNV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Benzo(b)fluoranthene	0.0465	mg/kg	NV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0969	mg/kg	UNV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Benzo(k)fluoranthene	0.0969	mg/kg	UNV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Beryllium	0.276	mg/kg	NV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Cadmium	0.201	mg/kg	NV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Cesium-137	0.0283	pCi/g	UNV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Chrysene	0.0362	mg/kg	NV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0295	mg/kg	UNV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Dieldrin	0.773	ug/kg	U	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Fluoranthene	0.0601	mg/kg	NV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Fluoride	3.64	mg/kg	NV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0838	mg/kg	UNV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Lead	6.56	mg/kg	NV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Manganese	460	mg/kg	NV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Molybdenum	1.26	mg/kg	NV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Phenanthrene	0.0969	mg/kg	UNV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Pyrene	0.0464	mg/kg	NV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Radium-226	0.68	pCi/g	NV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Radium-228	0.464	pCi/g	NV	477469.204	1348770.936

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Silver	0.349	mg/kg	UNV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Technetium-99	0.595	pCi/g	UNV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Thorium-228	0.523	pCi/g	NV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Thorium-230	5.53	pCi/g	UNV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Thorium-232	0.464	pCi/g	NV	477469.204	1348770.936
SSODT-14	SSODT-14^1-RMPS	02/26/2004	0.0	0.5	Uranium, Total	3.04	ug/g	NV	477469.204	1348770.936
SSODT-14L1	SSODT-14L1^1-R	02/26/2004	0.0	0.5	Radium-226	0.747	pCi/g	NV	477475.4103	1348759.185
SSODT-14L1	SSODT-14L1^1-R	02/26/2004	0.0	0.5	Radium-228	0.504	pCi/g	NV	477475.4103	1348759.185
SSODT-14L1	SSODT-14L1^1-R	02/26/2004	0.0	0.5	Thorium-228	0.541	pCi/g	NV	477475.4103	1348759.185
SSODT-14L1	SSODT-14L1^1-R	02/26/2004	0.0	0.5	Thorium-230	6.16	pCi/g	UNV	477475.4103	1348759.185
SSODT-14L1	SSODT-14L1^1-R	02/26/2004	0.0	0.5	Thorium-232	0.504	pCi/g	NV	477475.4103	1348759.185
SSODT-14L1	SSODT-14L1^1-R	02/26/2004	0.0	0.5	Uranium, Total	5.92	ug/g	NV	477475.4103	1348759.185
SSODT-14R1	SSODT-14R1^1-R	02/27/2004	0.0	0.5	Radium-226	0.882	pCi/g	NV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^1-R	02/27/2004	0.0	0.5	Radium-228	0.739	pCi/g	NV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^1-R	02/27/2004	0.0	0.5	Thorium-228	0.725	pCi/g	NV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^1-R	02/27/2004	0.0	0.5	Thorium-230	10	pCi/g	UNV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^1-R	02/27/2004	0.0	0.5	Thorium-232	0.739	pCi/g	NV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^1-R	02/27/2004	0.0	0.5	Uranium, Total	6.47	ug/g	NV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^2-R	02/27/2004	0.5	1.0	Radium-226	0.91	pCi/g	NV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^2-R	02/27/2004	0.5	1.0	Radium-228	0.717	pCi/g	NV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^2-R	02/27/2004	0.5	1.0	Thorium-228	0.751	pCi/g	NV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^2-R	02/27/2004	0.5	1.0	Thorium-230	9.19	pCi/g	NV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^2-R	02/27/2004	0.5	1.0	Thorium-232	0.717	pCi/g	NV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^2-R	02/27/2004	0.5	1.0	Uranium, Total	7.27	ug/g	NV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^3-R	02/27/2004	1.0	1.5	Radium-226	0.913	pCi/g	NV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^3-R	02/27/2004	1.0	1.5	Radium-228	0.658	pCi/g	NV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^3-R	02/27/2004	1.0	1.5	Thorium-228	0.656	pCi/g	NV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^3-R	02/27/2004	1.0	1.5	Thorium-230	10.3	pCi/g	UNV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^3-R	02/27/2004	1.0	1.5	Thorium-232	0.658	pCi/g	NV	477467.9145	1348773.32
SSODT-14R1	SSODT-14R1^3-R	02/27/2004	1.0	1.5	Uranium, Total	8.69	ug/g	NV	477467.9145	1348773.32
SSODT-14R2	SSODT-14R2^1-R	02/26/2004	0.0	0.5	Radium-226	1.06	pCi/g	NV	477466.0406	1348776.854
SSODT-14R2	SSODT-14R2^1-R	02/26/2004	0.0	0.5	Radium-228	0.749	pCi/g	NV	477466.0406	1348776.854
SSODT-14R2	SSODT-14R2^1-R	02/26/2004	0.0	0.5	Thorium-228	0.785	pCi/g	NV	477466.0406	1348776.854

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-14R2	SSODT-14R2^1-R	02/26/2004	0.0	0.5	Thorium-230	13.2	pCi/g	NV	477466.0406	1348776.854
SSODT-14R2	SSODT-14R2^1-R	02/26/2004	0.0	0.5	Thorium-232	0.749	pCi/g	NV	477466.0406	1348776.854
SSODT-14R2	SSODT-14R2^1-R	02/26/2004	0.0	0.5	Uranium, Total	3.82	ug/g	NV	477466.0406	1348776.854
SSODT-15	SSODT-15^1-L	02/27/2004	0.0	0.5	1,1-Dichloroethene	1.17	ug/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-L	02/27/2004	0.0	0.5	Bromodichloromethane	1.17	ug/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-L	02/27/2004	0.0	0.5	Tetrachloroethene	1.17	ug/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-L	02/27/2004	0.0	0.5	Trichloroethene	1.17	ug/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Antimony	1.6	mg/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Aroclor-1254	14.9	ug/kg	-	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Aroclor-1260	9.57	ug/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Arsenic	3.93	mg/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Benzo(a)anthracene	0.0962	mg/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Benzo(a)pyrene	0.0962	mg/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Benzo(b)fluoranthene	0.0962	mg/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0962	mg/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Benzo(k)fluoranthene	0.0962	mg/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Beryllium	0.19	mg/kg	-	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Cadmium	0.0982	mg/kg	J	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Cesium-137	0.0329	pCi/g	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Chrysene	0.0962	mg/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0292	mg/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Dieldrin	0.766	ug/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Fluoranthene	0.0962	mg/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Fluoride	4.05	mg/kg	-	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0831	mg/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Lead	5.89	mg/kg	J	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Manganese	268	mg/kg	-	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Molybdenum	1.13	mg/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Phenanthrene	0.0962	mg/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Pyrene	0.0962	mg/kg	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Radium-226	0.553	pCi/g	-	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Radium-228	0.462	pCi/g	-	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Silver	0.352	mg/kg	U	477383.428	1348739.288

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Technetium-99	0.588	pCi/g	U	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Thorium-228	0.471	pCi/g	-	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Thorium-230	6.17	pCi/g	-	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Thorium-232	0.462	pCi/g	-	477383.428	1348739.288
SSODT-15	SSODT-15^1-RMPS	02/27/2004	0.0	0.5	Uranium, Total	3.57	ug/g	-	477383.428	1348739.288
SSODT-15L1	SSODT-15L1^1-R	02/27/2004	0.0	0.5	Radium-226	0.938	pCi/g	-	477383.6391	1348729.918
SSODT-15L1	SSODT-15L1^1-R	02/27/2004	0.0	0.5	Radium-228	0.584	pCi/g	-	477383.6391	1348729.918
SSODT-15L1	SSODT-15L1^1-R	02/27/2004	0.0	0.5	Thorium-228	0.601	pCi/g	-	477383.6391	1348729.918
SSODT-15L1	SSODT-15L1^1-R	02/27/2004	0.0	0.5	Thorium-230	16.5	pCi/g	U	477383.6391	1348729.918
SSODT-15L1	SSODT-15L1^1-R	02/27/2004	0.0	0.5	Thorium-232	0.584	pCi/g	-	477383.6391	1348729.918
SSODT-15L1	SSODT-15L1^1-R	02/27/2004	0.0	0.5	Uranium, Total	3.44	ug/g	-	477383.6391	1348729.918
SSODT-15L2	SSODT-15L2^1-R	02/27/2004	0.0	0.5	Radium-226	0.998	pCi/g	-	477383.8441	1348724.922
SSODT-15L2	SSODT-15L2^1-R	02/27/2004	0.0	0.5	Radium-228	0.654	pCi/g	-	477383.8441	1348724.922
SSODT-15L2	SSODT-15L2^1-R	02/27/2004	0.0	0.5	Thorium-228	0.679	pCi/g	-	477383.8441	1348724.922
SSODT-15L2	SSODT-15L2^1-R	02/27/2004	0.0	0.5	Thorium-230	15.7	pCi/g	U	477383.8441	1348724.922
SSODT-15L2	SSODT-15L2^1-R	02/27/2004	0.0	0.5	Thorium-232	0.654	pCi/g	-	477383.8441	1348724.922
SSODT-15L2	SSODT-15L2^1-R	02/27/2004	0.0	0.5	Uranium, Total	2.93	ug/g	U	477383.8441	1348724.922
SSODT-15R1	SSODT-15R1^1-L	02/27/2004	0.0	0.5	1,1-Dichloroethene	1.12	ug/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-L	02/27/2004	0.0	0.5	Bromodichloromethane	1.12	ug/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-L	02/27/2004	0.0	0.5	Tetrachloroethene	1.12	ug/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-L	02/27/2004	0.0	0.5	Trichloroethene	1.12	ug/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Antimony	0.744	mg/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Aroclor-1254	12	ug/kg	J	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Aroclor-1260	9.75	ug/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Arsenic	1.68	mg/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Benzo(a)anthracene	0.0978	mg/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Benzo(a)pyrene	0.0978	mg/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Benzo(b)fluoranthene	0.0453	mg/kg	J	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0978	mg/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Benzo(k)fluoranthene	0.0978	mg/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Beryllium	0.127	mg/kg	J	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Cadmium	0.076	mg/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Cesium-137	0.024	pCi/g	-	477383.147	1348741.907

APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Chrysene	0.048	mg/kg	J	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0297	mg/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Dieldrin	0.78	ug/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Fluoranthene	0.0742	mg/kg	J	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Fluoride	6.1	mg/kg	-	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0845	mg/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Lead	3.89	mg/kg	J	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Manganese	344	mg/kg	-	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Molybdenum	0.456	mg/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Phenanthrene	0.0978	mg/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Pyrene	0.0595	mg/kg	J	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Radium-226	0.624	pCi/g	-	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Radium-228	0.328	pCi/g	-	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Silver	0.331	mg/kg	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Technetium-99	0.598	pCi/g	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Thorium-228	0.332	pCi/g	-	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Thorium-230	8.71	pCi/g	U	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Thorium-232	0.328	pCi/g	-	477383.147	1348741.907
SSODT-15R1	SSODT-15R1^1-RMPS	02/27/2004	0.0	0.5	Uranium, Total	3.97	ug/g	-	477383.147	1348741.907
SSODT-15R2	SSODT-15R2^1-R	02/27/2004	0.5	1.0	Radium-226	0.719	pCi/g	-	477382.8599	1348748.902
SSODT-15R2	SSODT-15R2^1-R	02/27/2004	0.5	1.0	Radium-228	0.422	pCi/g	-	477382.8599	1348748.902
SSODT-15R2	SSODT-15R2^1-R	02/27/2004	0.5	1.0	Thorium-228	0.419	pCi/g	-	477382.8599	1348748.902
SSODT-15R2	SSODT-15R2^1-R	02/27/2004	0.5	1.0	Thorium-230	11.7	pCi/g	U	477382.8599	1348748.902
SSODT-15R2	SSODT-15R2^1-R	02/27/2004	0.5	1.0	Thorium-232	0.422	pCi/g	-	477382.8599	1348748.902
SSODT-15R2	SSODT-15R2^1-R	02/27/2004	0.5	1.0	Uranium, Total	3.48	ug/g	-	477382.8599	1348748.902
SSODT-15R3	SSODT-15R3^1-R	02/27/2004	1.0	1.5	Radium-226	0.948	pCi/g	-	477382.6549	1348753.897
SSODT-15R3	SSODT-15R3^1-R	02/27/2004	1.0	1.5	Radium-228	0.523	pCi/g	-	477382.6549	1348753.897
SSODT-15R3	SSODT-15R3^1-R	02/27/2004	1.0	1.5	Thorium-228	0.54	pCi/g	-	477382.6549	1348753.897
SSODT-15R3	SSODT-15R3^1-R	02/27/2004	1.0	1.5	Thorium-230	12.8	pCi/g	U	477382.6549	1348753.897
SSODT-15R3	SSODT-15R3^1-R	02/27/2004	1.0	1.5	Thorium-232	0.523	pCi/g	-	477382.6549	1348753.897
SSODT-15R3	SSODT-15R3^1-R	02/27/2004	1.0	1.5	Uranium, Total	2.28	ug/g	U	477382.6549	1348753.897
SSODT-16	SSODT-16^1-L	03/01/2004	0.0	0.5	1,1-Dichloroethene	1.11	ug/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-L	03/01/2004	0.0	0.5	Bromodichloromethane	1.11	ug/kg	UNV	477223.922	1348832.118

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-16	SSODT-16^1-L	03/01/2004	0.0	0.5	Tetrachloroethene	1.11	ug/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-L	03/01/2004	0.0	0.5	Trichloroethene	1.11	ug/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Antimony	7.56	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Aroclor-1254	9.41	ug/kg	U	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Aroclor-1260	9.41	ug/kg	U	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Arsenic	10.1	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Benzo(a)anthracene	0.0954	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Benzo(a)pyrene	0.0954	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Benzo(b)fluoranthene	0.0954	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0954	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Benzo(k)fluoranthene	0.0954	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Beryllium	0.132	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Cadmium	0.773	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Cesium-137	0.0323	pCi/g	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Chrysene	0.0954	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.029	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Dieldrin	1.5	ug/kg	U	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Fluoranthene	0.0954	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Fluoride	9.09	mg/kg	NV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0824	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Lead	23	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Manganese	1000	mg/kg	NV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Molybdenum	4.64	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Phenanthrene	0.0954	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Pyrene	0.0954	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Radium-226	0.579	pCi/g	NV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Radium-228	0.286	pCi/g	NV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Silver	3.37	mg/kg	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Technetium-99	0.613	pCi/g	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Thorium-228	0.308	pCi/g	NV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Thorium-230	11.3	pCi/g	UNV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Thorium-232	0.286	pCi/g	NV	477223.922	1348832.118
SSODT-16	SSODT-16^1-RMPS	03/01/2004	0.0	0.5	Uranium, Total	1.97	ug/g	UNV	477223.922	1348832.118

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-16L1	SSODT-16L1^1-R	03/01/2004	0.0	0.5	Radium-226	0.527	pCi/g	NV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^1-R	03/01/2004	0.0	0.5	Radium-228	0.415	pCi/g	NV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^1-R	03/01/2004	0.0	0.5	Thorium-228	0.445	pCi/g	NV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^1-R	03/01/2004	0.0	0.5	Thorium-230	11.7	pCi/g	UNV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^1-R	03/01/2004	0.0	0.5	Thorium-232	0.415	pCi/g	NV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^1-R	03/01/2004	0.0	0.5	Uranium, Total	2.17	ug/g	UNV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^2-R	03/01/2004	0.5	1.0	Radium-226	0.747	pCi/g	NV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^2-R	03/01/2004	0.5	1.0	Radium-228	0.602	pCi/g	NV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^2-R	03/01/2004	0.5	1.0	Thorium-228	0.611	pCi/g	NV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^2-R	03/01/2004	0.5	1.0	Thorium-230	12.5	pCi/g	UNV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^2-R	03/01/2004	0.5	1.0	Thorium-232	0.602	pCi/g	NV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^2-R	03/01/2004	0.5	1.0	Uranium, Total	4.87	ug/g	NV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^3-R	03/01/2004	1.0	1.5	Radium-226	0.971	pCi/g	NV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^3-R	03/01/2004	1.0	1.5	Radium-228	0.738	pCi/g	NV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^3-R	03/01/2004	1.0	1.5	Thorium-228	0.765	pCi/g	NV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^3-R	03/01/2004	1.0	1.5	Thorium-230	14.7	pCi/g	UNV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^3-R	03/01/2004	1.0	1.5	Thorium-232	0.738	pCi/g	NV	477225.0198	1348830.446
SSODT-16L1	SSODT-16L1^3-R	03/01/2004	1.0	1.5	Uranium, Total	7.1	ug/g	NV	477225.0198	1348830.446
SSODT-16L2	SSODT-16L2^1-R	03/01/2004	0.0	0.5	Radium-226	1.83	pCi/g	NV	477233.2536	1348817.908
SSODT-16L2	SSODT-16L2^1-R	03/01/2004	0.0	0.5	Radium-228	0.953	pCi/g	NV	477233.2536	1348817.908
SSODT-16L2	SSODT-16L2^1-R	03/01/2004	0.0	0.5	Thorium-228	0.974	pCi/g	NV	477233.2536	1348817.908
SSODT-16L2	SSODT-16L2^1-R	03/01/2004	0.0	0.5	Thorium-230	22.5	pCi/g	UNV	477233.2536	1348817.908
SSODT-16L2	SSODT-16L2^1-R	03/01/2004	0.0	0.5	Thorium-232	0.953	pCi/g	NV	477233.2536	1348817.908
SSODT-16L2	SSODT-16L2^1-R	03/01/2004	0.0	0.5	Uranium, Total	22.2	ug/g	NV	477233.2536	1348817.908
SSODT-16L2	SSODT-16L2^2-R	10/12/2004	0.5	1.0	Radium-226	1.88	pCi/g	NV	477233.2536	1348817.908
SSODT-16L2	SSODT-16L2^3-R	10/12/2004	1.0	1.5	Radium-226	1.1	pCi/g	NV	477233.2536	1348817.908
SSODT-16L2	SSODT-16L2^4-R	10/12/2004	1.5	2.0	Radium-226	0.973	pCi/g	NV	477233.2536	1348817.908
SSODT-16L2	SSODT-16L2^7-R	10/12/2004	3.0	3.5	Radium-226	0.802	pCi/g	NV	477233.2536	1348817.908
SSODT-16R1	SSODT-16R1^1-R	03/01/2004	0.0	0.5	Radium-226	1.11	pCi/g	NV	477219.5307	1348838.805
SSODT-16R1	SSODT-16R1^1-R	03/01/2004	0.0	0.5	Radium-228	0.691	pCi/g	NV	477219.5307	1348838.805
SSODT-16R1	SSODT-16R1^1-R	03/01/2004	0.0	0.5	Thorium-228	0.709	pCi/g	NV	477219.5307	1348838.805
SSODT-16R1	SSODT-16R1^1-R	03/01/2004	0.0	0.5	Thorium-230	15.9	pCi/g	UNV	477219.5307	1348838.805
SSODT-16R1	SSODT-16R1^1-R	03/01/2004	0.0	0.5	Thorium-232	0.691	pCi/g	NV	477219.5307	1348838.805

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PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-16R1	SSODT-16R1^1-R	03/01/2004	0.0	0.5	Uranium, Total	7.88	ug/g	NV	477219.5307	1348838.805
SSODT-17	SSODT-17^1-L	03/01/2004	0.0	0.5	1,1-Dichloroethene	1.18	ug/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-L	03/01/2004	0.0	0.5	Bromodichloromethane	1.18	ug/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-L	03/01/2004	0.0	0.5	Tetrachloroethene	1.18	ug/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-L	03/01/2004	0.0	0.5	Trichloroethene	1.18	ug/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Antimony	9.84	mg/kg	NV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Aroclor-1254	15.3	ug/kg	-	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Aroclor-1260	4.6	ug/kg	J	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Arsenic	10.2	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Benzo(a)anthracene	0.0974	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Benzo(a)pyrene	0.0974	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Benzo(b)fluoranthene	0.0974	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0974	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Benzo(k)fluoranthene	0.0974	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Beryllium	0.134	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Cadmium	0.784	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Cesium-137	0.0404	pCi/g	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Chrysene	0.0974	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0296	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Dieldrin	1.5	ug/kg	U	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Fluoranthene	0.0974	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Fluoride	6.13	mg/kg	NV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0841	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Lead	23.3	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Manganese	361	mg/kg	NV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Molybdenum	4.7	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Phenanthrene	0.0974	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Pyrene	0.0974	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Radium-226	0.83	pCi/g	NV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Radium-228	0.409	pCi/g	NV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Silver	3.42	mg/kg	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Technetium-99	0.637	pCi/g	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Thorium-228	0.409	pCi/g	NV	477040.194	1348665.803

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Thorium-230	13.1	pCi/g	UNV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Thorium-232	0.409	pCi/g	NV	477040.194	1348665.803
SSODT-17	SSODT-17^1-RMPS	03/01/2004	0.0	0.5	Uranium, Total	6.83	ug/g	NV	477040.194	1348665.803
SSODT-17L1	SSODT-17L1^1-R	03/01/2004	0.0	0.5	Radium-226	2.83	pCi/g	NV	477043.4493	1348660.911
SSODT-17L1	SSODT-17L1^1-R	03/01/2004	0.0	0.5	Radium-228	2.33	pCi/g	NV	477043.4493	1348660.911
SSODT-17L1	SSODT-17L1^1-R	03/01/2004	0.0	0.5	Thorium-228	2.36	pCi/g	NV	477043.4493	1348660.911
SSODT-17L1	SSODT-17L1^1-R	03/01/2004	0.0	0.5	Thorium-230	27.3	pCi/g	UNV	477043.4493	1348660.911
SSODT-17L1	SSODT-17L1^1-R	03/01/2004	0.0	0.5	Thorium-232	2.33	pCi/g	NV	477043.4493	1348660.911
SSODT-17L1	SSODT-17L1^1-R	03/01/2004	0.0	0.5	Uranium, Total	82.5	ug/g	NV	477043.4493	1348660.911
SSODT-17L1	SSODT-17L1^2-R	09/28/2004	0.5	1.0	Radium-226	21.4	pCi/g	-	477043.4493	1348660.911
SSODT-17L1	SSODT-17L1^3-R	09/28/2004	1.0	1.5	Radium-226	2.33	pCi/g	-	477043.4493	1348660.911
SSODT-17L1	SSODT-17L1^4-R	09/28/2004	1.5	2.0	Radium-226	2.36	pCi/g	-	477043.4493	1348660.911
SSODT-17L1	SSODT-17L1^7-R	09/28/2004	3.0	3.5	Radium-226	0.593	pCi/g	-	477043.4493	1348660.911
SSODT-17R1	SSODT-17R1^1-R	03/01/2004	0.0	0.5	Radium-226	1.72	pCi/g	NV	477031.1318	1348677.919
SSODT-17R1	SSODT-17R1^1-R	03/01/2004	0.0	0.5	Radium-228	1.04	pCi/g	NV	477031.1318	1348677.919
SSODT-17R1	SSODT-17R1^1-R	03/01/2004	0.0	0.5	Thorium-228	1.05	pCi/g	NV	477031.1318	1348677.919
SSODT-17R1	SSODT-17R1^1-R	03/01/2004	0.0	0.5	Thorium-230	19.5	pCi/g	UNV	477031.1318	1348677.919
SSODT-17R1	SSODT-17R1^1-R	03/01/2004	0.0	0.5	Thorium-232	1.04	pCi/g	NV	477031.1318	1348677.919
SSODT-17R1	SSODT-17R1^1-R	03/01/2004	0.0	0.5	Uranium, Total	23.7	ug/g	NV	477031.1318	1348677.919
SSODT-17R1	SSODT-17R1^2-R	10/12/2004	0.5	1.0	Radium-226	2.54	pCi/g	NV	477031.1318	1348677.919
SSODT-17R1	SSODT-17R1^3-R	10/12/2004	1.0	1.5	Radium-226	2.64	pCi/g	NV	477031.1318	1348677.919
SSODT-17R1	SSODT-17R1^4-R	10/12/2004	1.5	2.0	Radium-226	3.26	pCi/g	NV	477031.1318	1348677.919
SSODT-17R1	SSODT-17R1^7-R	10/12/2004	3.0	3.5	Radium-226	1.08	pCi/g	NV	477031.1318	1348677.919
SSODT-18	SSODT-18^1-L	03/01/2004	0.0	0.5	1,1-Dichloroethene	1.18	ug/kg	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-L	03/01/2004	0.0	0.5	Bromodichloromethane	1.18	ug/kg	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-L	03/01/2004	0.0	0.5	Tetrachloroethene	1.18	ug/kg	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-L	03/01/2004	0.0	0.5	Trichloroethene	1.18	ug/kg	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Antimony	7.85	mg/kg	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Aroclor-1254	8.9	ug/kg	J	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Aroclor-1260	9.47	ug/kg	U	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Arsenic	10.5	mg/kg	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Benzo(a)anthracene	0.0946	mg/kg	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Benzo(a)pyrene	0.0946	mg/kg	UNV	476974.178	1348491.729

APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Benzo(b)fluoranthene	0.0392	mg/kg	NV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0946	mg/kg	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Benzo(k)fluoranthene	0.0409	mg/kg	NV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Beryllium	0.138	mg/kg	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Cadmium	0.802	mg/kg	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Cesium-137	0.0352	pCi/g	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Chrysene	0.0357	mg/kg	NV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0288	mg/kg	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Dieldrin	1.5	ug/kg	U	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Fluoranthene	0.0473	mg/kg	NV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Fluoride	5.43	mg/kg	NV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0817	mg/kg	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Lead	23.8	mg/kg	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Manganese	809	mg/kg	NV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Molybdenum	4.81	mg/kg	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Phenanthrene	0.0946	mg/kg	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Pyrene	0.0563	mg/kg	NV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Radium-226	0.639	pCi/g	NV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Radium-228	0.312	pCi/g	NV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Silver	3.5	mg/kg	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Technetium-99	0.587	pCi/g	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Thorium-228	0.333	pCi/g	NV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Thorium-230	11.6	pCi/g	UNV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Thorium-232	0.312	pCi/g	NV	476974.178	1348491.729
SSODT-18	SSODT-18^1-RMPS	03/01/2004	0.0	0.5	Uranium, Total	2.24	ug/g	UNV	476974.178	1348491.729
SSODT-18L1	SSODT-18L1^1-R	03/01/2004	0.0	0.5	Radium-226	0.876	pCi/g	NV	476978.1777	1348491.683
SSODT-18L1	SSODT-18L1^1-R	03/01/2004	0.0	0.5	Radium-228	0.583	pCi/g	NV	476978.1777	1348491.683
SSODT-18L1	SSODT-18L1^1-R	03/01/2004	0.0	0.5	Thorium-228	0.592	pCi/g	NV	476978.1777	1348491.683
SSODT-18L1	SSODT-18L1^1-R	03/01/2004	0.0	0.5	Thorium-230	15.9	pCi/g	UNV	476978.1777	1348491.683
SSODT-18L1	SSODT-18L1^1-R	03/01/2004	0.0	0.5	Thorium-232	0.583	pCi/g	NV	476978.1777	1348491.683
SSODT-18L1	SSODT-18L1^1-R	03/01/2004	0.0	0.5	Uranium, Total	5.11	ug/g	NV	476978.1777	1348491.683
SSODT-18L1	SSODT-18L1^2-R	03/01/2004	0.5	1.0	Radium-226	0.887	pCi/g	NV	476978.1777	1348491.683
SSODT-18L1	SSODT-18L1^2-R	03/01/2004	0.5	1.0	Radium-228	0.592	pCi/g	NV	476978.1777	1348491.683

APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-18L1	SSODT-18L1^2-R	03/01/2004	0.5	1.0	Thorium-228	0.609	pCi/g	NV	476978.1777	1348491.683
SSODT-18L1	SSODT-18L1^2-R	03/01/2004	0.5	1.0	Thorium-230	15.9	pCi/g	UNV	476978.1777	1348491.683
SSODT-18L1	SSODT-18L1^2-R	03/01/2004	0.5	1.0	Thorium-232	0.592	pCi/g	NV	476978.1777	1348491.683
SSODT-18L1	SSODT-18L1^2-R	03/01/2004	0.5	1.0	Uranium, Total	2.93	ug/g	UNV	476978.1777	1348491.683
SSODT-18L1	SSODT-18L1^3-R	03/01/2004	1.0	1.5	Radium-226	0.833	pCi/g	NV	476978.1777	1348491.683
SSODT-18L1	SSODT-18L1^3-R	03/01/2004	1.0	1.5	Radium-228	0.641	pCi/g	NV	476978.1777	1348491.683
SSODT-18L1	SSODT-18L1^3-R	03/01/2004	1.0	1.5	Thorium-228	0.653	pCi/g	NV	476978.1777	1348491.683
SSODT-18L1	SSODT-18L1^3-R	03/01/2004	1.0	1.5	Thorium-230	14.2	pCi/g	UNV	476978.1777	1348491.683
SSODT-18L1	SSODT-18L1^3-R	03/01/2004	1.0	1.5	Thorium-232	0.641	pCi/g	NV	476978.1777	1348491.683
SSODT-18L1	SSODT-18L1^3-R	03/01/2004	1.0	1.5	Uranium, Total	5.02	ug/g	NV	476978.1777	1348491.683
SSODT-18L2	SSODT-18L2^1-R	03/01/2004	0.0	0.5	Radium-226	1.08	pCi/g	NV	476982.6774	1348491.631
SSODT-18L2	SSODT-18L2^1-R	03/01/2004	0.0	0.5	Radium-228	0.623	pCi/g	NV	476982.6774	1348491.631
SSODT-18L2	SSODT-18L2^1-R	03/01/2004	0.0	0.5	Thorium-228	0.653	pCi/g	NV	476982.6774	1348491.631
SSODT-18L2	SSODT-18L2^1-R	03/01/2004	0.0	0.5	Thorium-230	16.4	pCi/g	UNV	476982.6774	1348491.631
SSODT-18L2	SSODT-18L2^1-R	03/01/2004	0.0	0.5	Thorium-232	0.623	pCi/g	NV	476982.6774	1348491.631
SSODT-18L2	SSODT-18L2^1-R	03/01/2004	0.0	0.5	Uranium, Total	10.1	ug/g	NV	476982.6774	1348491.631
SSODT-18R1	SSODT-18R1^1-R	03/01/2004	0.0	0.5	Radium-226	1.06	pCi/g	NV	476966.6785	1348491.815
SSODT-18R1	SSODT-18R1^1-R	03/01/2004	0.0	0.5	Radium-228	0.84	pCi/g	NV	476966.6785	1348491.815
SSODT-18R1	SSODT-18R1^1-R	03/01/2004	0.0	0.5	Thorium-228	0.882	pCi/g	NV	476966.6785	1348491.815
SSODT-18R1	SSODT-18R1^1-R	03/01/2004	0.0	0.5	Thorium-230	14.4	pCi/g	UNV	476966.6785	1348491.815
SSODT-18R1	SSODT-18R1^1-R	03/01/2004	0.0	0.5	Thorium-232	0.84	pCi/g	NV	476966.6785	1348491.815
SSODT-18R1	SSODT-18R1^1-R	03/01/2004	0.0	0.5	Uranium, Total	6.19	ug/g	NV	476966.6785	1348491.815
SSODT-19	SSODT-19^1-L	03/01/2004	0.0	0.5	1,1-Dichloroethene	1.11	ug/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-L	03/01/2004	0.0	0.5	Bromodichloromethane	1.11	ug/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-L	03/01/2004	0.0	0.5	Tetrachloroethene	1.11	ug/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-L	03/01/2004	0.0	0.5	Trichloroethene	1.11	ug/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Antimony	8.06	mg/kg	NV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Aroclor-1254	22.2	ug/kg	-	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Aroclor-1260	9.44	ug/kg	U	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Arsenic	10.2	mg/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Benzo(a)anthracene	0.094	mg/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Benzo(a)pyrene	0.094	mg/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Benzo(b)fluoranthene	0.094	mg/kg	UNV	476889.462	1348304.166

APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Benzo(g,h,i)perylene	0.094	mg/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Benzo(k)fluoranthene	0.094	mg/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Beryllium	0.133	mg/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Cadmium	0.778	mg/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Cesium-137	0.0194	pCi/g	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Chrysene	0.094	mg/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0286	mg/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Dieldrin	1.5	ug/kg	U	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Fluoranthene	0.0373	mg/kg	NV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Fluoride	6.34	mg/kg	NV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0812	mg/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Lead	23.1	mg/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Manganese	437	mg/kg	NV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Molybdenum	4.67	mg/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Phenanthrene	0.094	mg/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Pyrene	0.0418	mg/kg	NV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Radium-226	0.479	pCi/g	NV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Radium-228	0.304	pCi/g	NV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Silver	3.39	mg/kg	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Technetium-99	0.587	pCi/g	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Thorium-228	0.298	pCi/g	NV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Thorium-230	8.3	pCi/g	UNV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Thorium-232	0.304	pCi/g	NV	476889.462	1348304.166
SSODT-19	SSODT-19^1-RMPS	03/01/2004	0.0	0.5	Uranium, Total	2.87	ug/g	NV	476889.462	1348304.166
SSODT-19L1	SSODT-19L1^1-R	03/01/2004	0.0	0.5	Radium-226	0.759	pCi/g	NV	476899.6804	1348292.747
SSODT-19L1	SSODT-19L1^1-R	03/01/2004	0.0	0.5	Radium-228	0.598	pCi/g	NV	476899.6804	1348292.747
SSODT-19L1	SSODT-19L1^1-R	03/01/2004	0.0	0.5	Thorium-228	0.6	pCi/g	NV	476899.6804	1348292.747
SSODT-19L1	SSODT-19L1^1-R	03/01/2004	0.0	0.5	Thorium-230	13	pCi/g	UNV	476899.6804	1348292.747
SSODT-19L1	SSODT-19L1^1-R	03/01/2004	0.0	0.5	Thorium-232	0.598	pCi/g	NV	476899.6804	1348292.747
SSODT-19L1	SSODT-19L1^1-R	03/01/2004	0.0	0.5	Uranium, Total	5.76	ug/g	NV	476899.6804	1348292.747
SSODT-19R1	SSODT-19R1^1-R	03/01/2004	0.0	0.5	Radium-226	0.53	pCi/g	NV	476888.4574	1348306.175
SSODT-19R1	SSODT-19R1^1-R	03/01/2004	0.0	0.5	Radium-228	0.301	pCi/g	NV	476888.4574	1348306.175
SSODT-19R1	SSODT-19R1^1-R	03/01/2004	0.0	0.5	Thorium-228	0.293	pCi/g	NV	476888.4574	1348306.175

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-19R1	SSODT-19R1^1-R	03/01/2004	0.0	0.5	Thorium-230	8.08	pCi/g	UNV	476888.4574	1348306.175
SSODT-19R1	SSODT-19R1^1-R	03/01/2004	0.0	0.5	Thorium-232	0.301	pCi/g	NV	476888.4574	1348306.175
SSODT-19R1	SSODT-19R1^1-R	03/01/2004	0.0	0.5	Uranium, Total	2.19	ug/g	NV	476888.4574	1348306.175
SSODT-19R1	SSODT-19R1^2-R	03/01/2004	0.5	1.0	Radium-226	0.55	pCi/g	NV	476888.4574	1348306.175
SSODT-19R1	SSODT-19R1^2-R	03/01/2004	0.5	1.0	Radium-228	0.331	pCi/g	NV	476888.4574	1348306.175
SSODT-19R1	SSODT-19R1^2-R	03/01/2004	0.5	1.0	Thorium-228	0.357	pCi/g	NV	476888.4574	1348306.175
SSODT-19R1	SSODT-19R1^2-R	03/01/2004	0.5	1.0	Thorium-230	5.54	pCi/g	UNV	476888.4574	1348306.175
SSODT-19R1	SSODT-19R1^2-R	03/01/2004	0.5	1.0	Thorium-232	0.331	pCi/g	NV	476888.4574	1348306.175
SSODT-19R1	SSODT-19R1^2-R	03/01/2004	0.5	1.0	Uranium, Total	1.42	ug/g	NV	476888.4574	1348306.175
SSODT-19R1	SSODT-19R1^3-R	03/01/2004	1.0	1.5	Radium-226	0.549	pCi/g	NV	476888.4574	1348306.175
SSODT-19R1	SSODT-19R1^3-R	03/01/2004	1.0	1.5	Radium-228	0.345	pCi/g	NV	476888.4574	1348306.175
SSODT-19R1	SSODT-19R1^3-R	03/01/2004	1.0	1.5	Thorium-228	0.357	pCi/g	NV	476888.4574	1348306.175
SSODT-19R1	SSODT-19R1^3-R	03/01/2004	1.0	1.5	Thorium-230	8.62	pCi/g	UNV	476888.4574	1348306.175
SSODT-19R1	SSODT-19R1^3-R	03/01/2004	1.0	1.5	Thorium-232	0.345	pCi/g	NV	476888.4574	1348306.175
SSODT-19R1	SSODT-19R1^3-R	03/01/2004	1.0	1.5	Uranium, Total	2.98	ug/g	NV	476888.4574	1348306.175
SSODT-19R2	SSODT-19R2^1-R	03/01/2004	0.0	0.5	Radium-226	0.777	pCi/g	NV	476881.4029	1348314.615
SSODT-19R2	SSODT-19R2^1-R	03/01/2004	0.0	0.5	Radium-228	0.589	pCi/g	NV	476881.4029	1348314.615
SSODT-19R2	SSODT-19R2^1-R	03/01/2004	0.0	0.5	Thorium-228	0.651	pCi/g	NV	476881.4029	1348314.615
SSODT-19R2	SSODT-19R2^1-R	03/01/2004	0.0	0.5	Thorium-230	7.8	pCi/g	NV	476881.4029	1348314.615
SSODT-19R2	SSODT-19R2^1-R	03/01/2004	0.0	0.5	Thorium-232	0.589	pCi/g	NV	476881.4029	1348314.615
SSODT-19R2	SSODT-19R2^1-R	03/01/2004	0.0	0.5	Uranium, Total	6.61	ug/g	NV	476881.4029	1348314.615
SSODT-20	SSODT-20^1-L	03/01/2004	0.0	0.5	1,1-Dichloroethene	1.16	ug/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-L	03/01/2004	0.0	0.5	Bromodichloromethane	1.16	ug/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-L	03/01/2004	0.0	0.5	Tetrachloroethene	1.16	ug/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-L	03/01/2004	0.0	0.5	Trichloroethene	1.16	ug/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Antimony	8.87	mg/kg	NV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Aroclor-1254	10.6	ug/kg	J	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Aroclor-1260	9.89	ug/kg	U	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Arsenic	9.8	mg/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Benzo(a)anthracene	0.0988	mg/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Benzo(a)pyrene	0.0988	mg/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Benzo(b)fluoranthene	0.0988	mg/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0988	mg/kg	UNV	476767.909	1348149.181

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Benzo(k)fluoranthene	0.0988	mg/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Beryllium	0.128	mg/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Cadmium	0.75	mg/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Cesium-137	0.0347	pCi/g	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Chrysene	0.0988	mg/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.03	mg/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Dieldrin	1.5	ug/kg	U	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Fluoranthene	0.0988	mg/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Fluoride	5.48	mg/kg	NV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0853	mg/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Lead	22.3	mg/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Manganese	428	mg/kg	NV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Molybdenum	4.5	mg/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Phenanthrene	0.0988	mg/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Pyrene	0.0391	mg/kg	NV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Radium-226	0.804	pCi/g	NV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Radium-228	0.424	pCi/g	NV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Silver	3.27	mg/kg	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Technetium-99	0.601	pCi/g	UNV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Thorium-228	0.439	pCi/g	NV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Thorium-230	10	pCi/g	NV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Thorium-232	0.424	pCi/g	NV	476767.909	1348149.181
SSODT-20	SSODT-20^1-RMPS	03/01/2004	0.0	0.5	Uranium, Total	1.67	ug/g	NV	476767.909	1348149.181
SSODT-20L1	SSODT-20L1^1-R	03/01/2004	0.0	0.5	Radium-226	0.867	pCi/g	NV	476773.388	1348146.736
SSODT-20L1	SSODT-20L1^1-R	03/01/2004	0.0	0.5	Radium-228	0.606	pCi/g	NV	476773.388	1348146.736
SSODT-20L1	SSODT-20L1^1-R	03/01/2004	0.0	0.5	Thorium-228	0.717	pCi/g	NV	476773.388	1348146.736
SSODT-20L1	SSODT-20L1^1-R	03/01/2004	0.0	0.5	Thorium-230	7.08	pCi/g	UNV	476773.388	1348146.736
SSODT-20L1	SSODT-20L1^1-R	03/01/2004	0.0	0.5	Thorium-232	0.606	pCi/g	NV	476773.388	1348146.736
SSODT-20L1	SSODT-20L1^1-R	03/01/2004	0.0	0.5	Uranium, Total	4.62	ug/g	NV	476773.388	1348146.736
SSODT-20L2	SSODT-20L2^1-R	03/01/2004	0.0	0.5	Radium-226	0.982	pCi/g	NV	476775.671	1348145.717
SSODT-20L2	SSODT-20L2^1-R	03/01/2004	0.0	0.5	Radium-228	0.656	pCi/g	NV	476775.671	1348145.717
SSODT-20L2	SSODT-20L2^1-R	03/01/2004	0.0	0.5	Thorium-228	0.659	pCi/g	NV	476775.671	1348145.717
SSODT-20L2	SSODT-20L2^1-R	03/01/2004	0.0	0.5	Thorium-230	11.8	pCi/g	UNV	476775.671	1348145.717

APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-20L2	SSODT-20L2^1-R	03/01/2004	0.0	0.5	Thorium-232	0.656	pCi/g	NV	476775.671	1348145.717
SSODT-20L2	SSODT-20L2^1-R	03/01/2004	0.0	0.5	Uranium, Total	4.17	ug/g	NV	476775.671	1348145.717
SSODT-20R1	SSODT-20R1^1-L	03/01/2004	0.0	0.5	1,1-Dichloroethene	1.14	ug/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-L	03/01/2004	0.0	0.5	Bromodichloromethane	1.14	ug/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-L	03/01/2004	0.0	0.5	Tetrachloroethene	1.14	ug/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-L	03/01/2004	0.0	0.5	Trichloroethene	1.14	ug/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Antimony	7.88	mg/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Aroclor-1254	9.71	ug/kg	U	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Aroclor-1260	9.71	ug/kg	U	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Arsenic	10.5	mg/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Benzo(a)anthracene	0.0976	mg/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Benzo(a)pyrene	0.0976	mg/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Benzo(b)fluoranthene	0.0976	mg/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0976	mg/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Benzo(k)fluoranthene	0.0976	mg/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Beryllium	0.138	mg/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Cadmium	0.806	mg/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Cesium-137	0.0312	pCi/g	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Chrysene	0.0976	mg/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0297	mg/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Dieldrin	1.5	ug/kg	U	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Fluoranthene	0.0976	mg/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Fluoride	5.37	mg/kg	NV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0844	mg/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Lead	23.9	mg/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Manganese	549	mg/kg	NV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Molybdenum	5.89	mg/kg	NV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Phenanthrene	0.0976	mg/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Pyrene	0.0383	mg/kg	NV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Radium-226	0.545	pCi/g	NV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Radium-228	0.326	pCi/g	NV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Silver	3.51	mg/kg	UNV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Technetium-99	0.614	pCi/g	UNV	476765.1695	1348150.404

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Thorium-228	0.338	pCi/g	NV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Thorium-230	10.9	pCi/g	NV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Thorium-232	0.326	pCi/g	NV	476765.1695	1348150.404
SSODT-20R1	SSODT-20R1^1-RMPS	03/01/2004	0.0	0.5	Uranium, Total	2.87	ug/g	NV	476765.1695	1348150.404
SSODT-20R2	SSODT-20R2^1-R	03/01/2004	0.0	0.5	Radium-226	0.923	pCi/g	NV	476754.2114	1348155.295
SSODT-20R2	SSODT-20R2^1-R	03/01/2004	0.0	0.5	Radium-228	0.724	pCi/g	NV	476754.2114	1348155.295
SSODT-20R2	SSODT-20R2^1-R	03/01/2004	0.0	0.5	Thorium-228	0.703	pCi/g	NV	476754.2114	1348155.295
SSODT-20R2	SSODT-20R2^1-R	03/01/2004	0.0	0.5	Thorium-230	13.5	pCi/g	UNV	476754.2114	1348155.295
SSODT-20R2	SSODT-20R2^1-R	03/01/2004	0.0	0.5	Thorium-232	0.724	pCi/g	NV	476754.2114	1348155.295
SSODT-20R2	SSODT-20R2^1-R	03/01/2004	0.0	0.5	Uranium, Total	9.28	ug/g	NV	476754.2114	1348155.295
SSODT-20R3	SSODT-20R3^1-R	03/01/2004	0.0	0.5	Radium-226	0.813	pCi/g	NV	476745.9929	1348158.963
SSODT-20R3	SSODT-20R3^1-R	03/01/2004	0.0	0.5	Radium-228	0.689	pCi/g	NV	476745.9929	1348158.963
SSODT-20R3	SSODT-20R3^1-R	03/01/2004	0.0	0.5	Thorium-228	0.739	pCi/g	NV	476745.9929	1348158.963
SSODT-20R3	SSODT-20R3^1-R	03/01/2004	0.0	0.5	Thorium-230	8.73	pCi/g	UNV	476745.9929	1348158.963
SSODT-20R3	SSODT-20R3^1-R	03/01/2004	0.0	0.5	Thorium-232	0.689	pCi/g	NV	476745.9929	1348158.963
SSODT-20R3	SSODT-20R3^1-R	03/01/2004	0.0	0.5	Uranium, Total	8.36	ug/g	NV	476745.9929	1348158.963
SSODT-21	SSODT-21^1-L	02/19/2004	0.0	0.5	1,1-Dichloroethene	1.16	ug/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-L	02/19/2004	0.0	0.5	Bromodichloromethane	1.16	ug/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-L	02/19/2004	0.0	0.5	Tetrachloroethene	1.16	ug/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-L	02/19/2004	0.0	0.5	Trichloroethene	1.16	ug/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Antimony	2.65	mg/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1254	9.85	ug/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1260	9.85	ug/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Arsenic	3.61	mg/kg	J	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)anthracene	0.079	mg/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)pyrene	0.079	mg/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Benzo(b)fluoranthene	0.079	mg/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Benzo(g,h,i)perylene	0.079	mg/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Benzo(k)fluoranthene	0.079	mg/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Beryllium	0.568	mg/kg	-	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Cadmium	0.0796	mg/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Cesium-137	0.048	pCi/g	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Chrysene	0.079	mg/kg	U	478104.318	1349367.981

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0301	mg/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Dieldrin	4.1	ug/kg	J	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Fluoranthene	0.079	mg/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Fluoride	1.92	mg/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.085	mg/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Lead	11.2	mg/kg	J	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Lead-210	1.14	pCi/g	-	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Manganese	528	mg/kg	-	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Molybdenum	1.23	mg/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Neptunium-237	0.1	pCi/g	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Phenanthrene	0.079	mg/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Plutonium-238	0.172	pCi/g	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Pyrene	0.079	mg/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Radium-226	0.881	pCi/g	-	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Radium-228	0.676	pCi/g	-	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Silver	0.347	mg/kg	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Strontium-90	0.134	pCi/g	-	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Technetium-99	0.636	pCi/g	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Thorium-228	0.679	pCi/g	-	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Thorium-230	15.5	pCi/g	U	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Thorium-232	0.676	pCi/g	-	478104.318	1349367.981
SSODT-21	SSODT-21^1-RMPS	02/19/2004	0.0	0.5	Uranium, Total	2.85	ug/g	U	478104.318	1349367.981
SSODT-21L1	SSODT-21L1^1-R	02/19/2004	0.0	0.5	Radium-226	1.09	pCi/g	-	478105.3551	1349357.889
SSODT-21L1	SSODT-21L1^1-R	02/19/2004	0.0	0.5	Radium-228	0.982	pCi/g	-	478105.3551	1349357.889
SSODT-21L1	SSODT-21L1^1-R	02/19/2004	0.0	0.5	Thorium-228	1.03	pCi/g	-	478105.3551	1349357.889
SSODT-21L1	SSODT-21L1^1-R	02/19/2004	0.0	0.5	Thorium-230	10.4	pCi/g	U	478105.3551	1349357.889
SSODT-21L1	SSODT-21L1^1-R	02/19/2004	0.0	0.5	Thorium-232	0.982	pCi/g	-	478105.3551	1349357.889
SSODT-21L1	SSODT-21L1^1-R	02/19/2004	0.0	0.5	Uranium, Total	4.93	ug/g	-	478105.3551	1349357.889
SSODT-21R1	SSODT-21R1^1-R	02/19/2004	0.0	0.5	Radium-226	1.21	pCi/g	-	478102.8874	1349378.744
SSODT-21R1	SSODT-21R1^1-R	02/19/2004	0.0	0.5	Radium-228	0.88	pCi/g	-	478102.8874	1349378.744
SSODT-21R1	SSODT-21R1^1-R	02/19/2004	0.0	0.5	Thorium-228	0.853	pCi/g	-	478102.8874	1349378.744
SSODT-21R1	SSODT-21R1^1-R	02/19/2004	0.0	0.5	Thorium-230	13.5	pCi/g	U	478102.8874	1349378.744
SSODT-21R1	SSODT-21R1^1-R	02/19/2004	0.0	0.5	Thorium-232	0.88	pCi/g	-	478102.8874	1349378.744

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-21R1	SSODT-21R1^1-R	02/19/2004	0.0	0.5	Uranium, Total	5.59	ug/g	-	478102.8874	1349378.744
SSODT-22	SSODT-22^1-L	02/19/2004	0.0	0.5	1,1-Dichloroethene	1.04	ug/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-L	02/19/2004	0.0	0.5	Bromodichloromethane	1.04	ug/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-L	02/19/2004	0.0	0.5	Tetrachloroethene	1.04	ug/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-L	02/19/2004	0.0	0.5	Trichloroethene	1.04	ug/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Antimony	2.12	mg/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1254	9.43	ug/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Aroclor-1260	9.43	ug/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Arsenic	4.03	mg/kg	J	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)anthracene	0.075	mg/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Benzo(a)pyrene	0.075	mg/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Benzo(b)fluoranthene	0.075	mg/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Benzo(g,h,i)perylene	0.075	mg/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Benzo(k)fluoranthene	0.075	mg/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Beryllium	0.334	mg/kg	-	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Cadmium	0.0764	mg/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Cesium-137	0.0456	pCi/g	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Chrysene	0.075	mg/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0284	mg/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Dieldrin	1.2	ug/kg	J	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Fluoranthene	0.075	mg/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Fluoride	3.45	mg/kg	-	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.081	mg/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Lead	7.42	mg/kg	J	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Lead-210	1.08	pCi/g	-	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Manganese	420	mg/kg	-	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Molybdenum	2.21	mg/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Neptunium-237	0.118	pCi/g	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Phenanthrene	0.075	mg/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Plutonium-238	0.125	pCi/g	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Pyrene	0.075	mg/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Radium-226	0.935	pCi/g	-	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Radium-228	0.671	pCi/g	-	477952.351	1349331.148

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Silver	0.333	mg/kg	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Strontium-90	0.112	pCi/g	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Technetium-99	0.635	pCi/g	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Thorium-228	0.66	pCi/g	-	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Thorium-230	15	pCi/g	U	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Thorium-232	0.671	pCi/g	-	477952.351	1349331.148
SSODT-22	SSODT-22^1-RMPS	02/19/2004	0.0	0.5	Uranium, Total	2.69	ug/g	U	477952.351	1349331.148
SSODT-22L1	SSODT-22L1^1-R	02/19/2004	0.0	0.5	Radium-226	0.925	pCi/g	-	477954.8722	1349324.461
SSODT-22L1	SSODT-22L1^1-R	02/19/2004	0.0	0.5	Radium-228	0.752	pCi/g	-	477954.8722	1349324.461
SSODT-22L1	SSODT-22L1^1-R	02/19/2004	0.0	0.5	Thorium-228	0.756	pCi/g	-	477954.8722	1349324.461
SSODT-22L1	SSODT-22L1^1-R	02/19/2004	0.0	0.5	Thorium-230	8.72	pCi/g	U	477954.8722	1349324.461
SSODT-22L1	SSODT-22L1^1-R	02/19/2004	0.0	0.5	Thorium-232	0.752	pCi/g	-	477954.8722	1349324.461
SSODT-22L1	SSODT-22L1^1-R	02/19/2004	0.0	0.5	Uranium, Total	3.84	ug/g	-	477954.8722	1349324.461
SSODT-22R1	SSODT-22R1^1-R	02/19/2004	0.0	0.5	Radium-226	0.8	pCi/g	-	477952.5286	1349331.764
SSODT-22R1	SSODT-22R1^1-R	02/19/2004	0.0	0.5	Radium-228	0.703	pCi/g	-	477952.5286	1349331.764
SSODT-22R1	SSODT-22R1^1-R	02/19/2004	0.0	0.5	Thorium-228	0.701	pCi/g	-	477952.5286	1349331.764
SSODT-22R1	SSODT-22R1^1-R	02/19/2004	0.0	0.5	Thorium-230	12	pCi/g	U	477952.5286	1349331.764
SSODT-22R1	SSODT-22R1^1-R	02/19/2004	0.0	0.5	Thorium-232	0.703	pCi/g	-	477952.5286	1349331.764
SSODT-22R1	SSODT-22R1^1-R	02/19/2004	0.0	0.5	Uranium, Total	3.52	ug/g	-	477952.5286	1349331.764
SSODT-23	SSODT-23^1-L	02/26/2004	0.0	0.5	1,1-Dichloroethene	1.09	ug/kg	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-L	02/26/2004	0.0	0.5	Bromodichloromethane	1.09	ug/kg	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-L	02/26/2004	0.0	0.5	Tetrachloroethene	1.09	ug/kg	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-L	02/26/2004	0.0	0.5	Trichloroethene	1.09	ug/kg	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Antimony	0.975	mg/kg	NV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Aroclor-1254	9.24	ug/kg	U	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Aroclor-1260	9.24	ug/kg	U	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Arsenic	2.76	mg/kg	NV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Benzo(a)anthracene	0.0921	mg/kg	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Benzo(a)pyrene	0.0921	mg/kg	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Benzo(b)fluoranthene	0.0921	mg/kg	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Benzo(g,h,i)perylene	0.0921	mg/kg	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Benzo(k)fluoranthene	0.0921	mg/kg	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Beryllium	0.176	mg/kg	NV	477807.133	1349231.034

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Cadmium	0.076	mg/kg	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Cesium-137	0.0307	pCi/g	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Chrysene	0.0921	mg/kg	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.028	mg/kg	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Dieldrin	0.739	ug/kg	U	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Fluoranthene	0.0333	mg/kg	NV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Fluoride	4.27	mg/kg	NV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Indeno(1,2,3-cd)pyrene	0.0796	mg/kg	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Lead	3.73	mg/kg	NV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Lead-210	0.836	pCi/g	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Manganese	494	mg/kg	NV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Molybdenum	0.543	mg/kg	NV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Neptunium-237	0.119	pCi/g	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Phenanthrene	0.0921	mg/kg	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Plutonium-238	0.125	pCi/g	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Pyrene	0.0921	mg/kg	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Radium-226	0.53	pCi/g	NV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Radium-228	0.285	pCi/g	NV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Silver	0.331	mg/kg	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Strontium-90	0.0798	pCi/g	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Technetium-99	0.599	pCi/g	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Thorium-228	0.3	pCi/g	NV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Thorium-230	10.4	pCi/g	UNV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Thorium-232	0.285	pCi/g	NV	477807.133	1349231.034
SSODT-23	SSODT-23^1-RMPS	02/26/2004	0.0	0.5	Uranium, Total	3.48	ug/g	NV	477807.133	1349231.034
SSODT-23L1	SSODT-23L1^1-R	02/26/2004	0.0	0.5	Radium-226	0.711	pCi/g	NV	477808.9038	1349229.917
SSODT-23L1	SSODT-23L1^1-R	02/26/2004	0.0	0.5	Radium-228	0.428	pCi/g	NV	477808.9038	1349229.917
SSODT-23L1	SSODT-23L1^1-R	02/26/2004	0.0	0.5	Thorium-228	0.446	pCi/g	NV	477808.9038	1349229.917
SSODT-23L1	SSODT-23L1^1-R	02/26/2004	0.0	0.5	Thorium-230	11.1	pCi/g	UNV	477808.9038	1349229.917
SSODT-23L1	SSODT-23L1^1-R	02/26/2004	0.0	0.5	Thorium-232	0.428	pCi/g	NV	477808.9038	1349229.917
SSODT-23L1	SSODT-23L1^1-R	02/26/2004	0.0	0.5	Uranium, Total	1.97	ug/g	UNV	477808.9038	1349229.917
SSODT-23L1	SSODT-23L1^2-R	02/26/2004	0.5	1.0	Radium-226	0.551	pCi/g	NV	477808.9038	1349229.917
SSODT-23L1	SSODT-23L1^2-R	02/26/2004	0.5	1.0	Radium-228	0.27	pCi/g	NV	477808.9038	1349229.917

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSODT-23L1	SSODT-23L1^2-R	02/26/2004	0.5	1.0	Thorium-228	0.268	pCi/g	NV	477808.9038	1349229.917
SSODT-23L1	SSODT-23L1^2-R	02/26/2004	0.5	1.0	Thorium-230	10.6	pCi/g	UNV	477808.9038	1349229.917
SSODT-23L1	SSODT-23L1^2-R	02/26/2004	0.5	1.0	Thorium-232	0.27	pCi/g	NV	477808.9038	1349229.917
SSODT-23L1	SSODT-23L1^2-R	02/26/2004	0.5	1.0	Uranium, Total	1.95	ug/g	UNV	477808.9038	1349229.917
SSODT-23L1	SSODT-23L1^3-R	02/26/2004	1.0	1.5	Radium-226	0.614	pCi/g	NV	477808.9038	1349229.917
SSODT-23L1	SSODT-23L1^3-R	02/26/2004	1.0	1.5	Radium-228	0.293	pCi/g	NV	477808.9038	1349229.917
SSODT-23L1	SSODT-23L1^3-R	02/26/2004	1.0	1.5	Thorium-228	0.273	pCi/g	NV	477808.9038	1349229.917
SSODT-23L1	SSODT-23L1^3-R	02/26/2004	1.0	1.5	Thorium-230	10.3	pCi/g	UNV	477808.9038	1349229.917
SSODT-23L1	SSODT-23L1^3-R	02/26/2004	1.0	1.5	Thorium-232	0.293	pCi/g	NV	477808.9038	1349229.917
SSODT-23L1	SSODT-23L1^3-R	02/26/2004	1.0	1.5	Uranium, Total	1.95	ug/g	UNV	477808.9038	1349229.917
SSODT-23L2	SSODT-23L2^1-R	02/26/2004	0.0	0.5	Radium-226	1.08	pCi/g	NV	477811.7446	1349228.953
SSODT-23L2	SSODT-23L2^1-R	02/26/2004	0.0	0.5	Radium-228	0.778	pCi/g	NV	477811.7446	1349228.953
SSODT-23L2	SSODT-23L2^1-R	02/26/2004	0.0	0.5	Thorium-228	0.785	pCi/g	NV	477811.7446	1349228.953
SSODT-23L2	SSODT-23L2^1-R	02/26/2004	0.0	0.5	Thorium-230	15.8	pCi/g	UNV	477811.7446	1349228.953
SSODT-23L2	SSODT-23L2^1-R	02/26/2004	0.0	0.5	Thorium-232	0.778	pCi/g	NV	477811.7446	1349228.953
SSODT-23L2	SSODT-23L2^1-R	02/26/2004	0.0	0.5	Uranium, Total	4.46	ug/g	NV	477811.7446	1349228.953
SSODT-23R1	SSODT-23R1^1-R	02/26/2004	0.0	0.5	Radium-226	1.05	pCi/g	NV	477794.2266	1349234.9
SSODT-23R1	SSODT-23R1^1-R	02/26/2004	0.0	0.5	Radium-228	0.719	pCi/g	NV	477794.2266	1349234.9
SSODT-23R1	SSODT-23R1^1-R	02/26/2004	0.0	0.5	Thorium-228	0.772	pCi/g	NV	477794.2266	1349234.9
SSODT-23R1	SSODT-23R1^1-R	02/26/2004	0.0	0.5	Thorium-230	16.9	pCi/g	UNV	477794.2266	1349234.9
SSODT-23R1	SSODT-23R1^1-R	02/26/2004	0.0	0.5	Thorium-232	0.719	pCi/g	NV	477794.2266	1349234.9
SSODT-23R1	SSODT-23R1^1-R	02/26/2004	0.0	0.5	Uranium, Total	2.94	ug/g	UNV	477794.2266	1349234.9
RTB-1	RTB-1^1-R	03/09/2004	0.0	0.5	Radium-226	1.53	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^1-R	03/09/2004	0.0	0.5	Radium-228	2.54	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^1-R	03/09/2004	0.0	0.5	Thorium-228	2.6	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^1-R	03/09/2004	0.0	0.5	Thorium-230	43.3	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^1-R	03/09/2004	0.0	0.5	Thorium-232	2.54	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^1-R	03/09/2004	0.0	0.5	Uranium, Total	44	ug/g	NV	478141.141	1348984.84
RTB-1	RTB-1^2-R	03/09/2004	0.5	1.0	Radium-226	1.04	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^2-R	03/09/2004	0.5	1.0	Radium-228	1.42	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^2-R	03/09/2004	0.5	1.0	Thorium-228	1.41	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^2-R	03/09/2004	0.5	1.0	Thorium-230	13.7	pCi/g	UNV	478141.141	1348984.84
RTB-1	RTB-1^2-R	03/09/2004	0.5	1.0	Thorium-232	1.42	pCi/g	NV	478141.141	1348984.84

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PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
RTB-1	RTB-1^2-R	03/09/2004	0.5	1.0	Uranium, Total	27.8	ug/g	NV	478141.141	1348984.84
RTB-1	RTB-1^3-R	03/09/2004	1.0	1.5	Radium-226	1.34	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^3-R	03/09/2004	1.0	1.5	Radium-228	1.87	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^3-R	03/09/2004	1.0	1.5	Thorium-228	1.85	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^3-R	03/09/2004	1.0	1.5	Thorium-230	17.8	pCi/g	UNV	478141.141	1348984.84
RTB-1	RTB-1^3-R	03/09/2004	1.0	1.5	Thorium-232	1.87	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^3-R	03/09/2004	1.0	1.5	Uranium, Total	31.5	ug/g	NV	478141.141	1348984.84
RTB-2	RTB-2^1-R	03/09/2004	0.0	0.5	Radium-226	9.99	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^1-R	03/09/2004	0.0	0.5	Radium-228	1.82	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^1-R	03/09/2004	0.0	0.5	Thorium-228	1.78	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^1-R	03/09/2004	0.0	0.5	Thorium-230	25.3	pCi/g	UNV	477761.904	1349082.054
RTB-2	RTB-2^1-R	03/09/2004	0.0	0.5	Thorium-232	1.82	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^1-R	03/09/2004	0.0	0.5	Uranium, Total	34.1	ug/g	NV	477761.904	1349082.054
RTB-2	RTB-2^2-R	03/09/2004	0.5	1.0	Radium-226	0.916	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^2-R	03/09/2004	0.5	1.0	Radium-228	0.396	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^2-R	03/09/2004	0.5	1.0	Thorium-228	0.396	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^2-R	03/09/2004	0.5	1.0	Thorium-230	12.5	pCi/g	UNV	477761.904	1349082.054
RTB-2	RTB-2^2-R	03/09/2004	0.5	1.0	Thorium-232	0.396	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^2-R	03/09/2004	0.5	1.0	Uranium, Total	12.4	ug/g	NV	477761.904	1349082.054
RTB-2	RTB-2^3-R	03/09/2004	1.0	1.5	Radium-226	7.63	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^3-R	03/09/2004	1.0	1.5	Radium-228	1.16	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^3-R	03/09/2004	1.0	1.5	Thorium-228	1.17	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^3-R	03/09/2004	1.0	1.5	Thorium-230	23.1	pCi/g	UNV	477761.904	1349082.054
RTB-2	RTB-2^3-R	03/09/2004	1.0	1.5	Thorium-232	1.16	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^3-R	03/09/2004	1.0	1.5	Uranium, Total	32.4	ug/g	NV	477761.904	1349082.054
A2P2-AQL2	A2P2-AQL2^1-MRS	07/08/2004	0.0	0.5	Arsenic	1.66	mg/kg	U	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^1-MRS	07/08/2004	0.0	0.5	Benzo(a)pyrene	0.0754	mg/kg	U	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^1-MRS	07/08/2004	0.0	0.5	Beryllium	0.497	mg/kg	-	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^1-MRS	07/08/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0754	mg/kg	U	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^1-MRS	07/08/2004	0.0	0.5	Lead	15.1	mg/kg	J	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^1-MRS	07/08/2004	0.0	0.5	Radium-226	1.21	pCi/g	-	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^1-MRS	07/08/2004	0.0	0.5	Uranium, Total	10.7	ug/g	-	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^3-MRS	07/08/2004	1.0	1.5	Arsenic	22	mg/kg	-	477488.302	1348664.667

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
A2P2-AQL2	A2P2-AQL2^3-MRS	07/08/2004	1.0	1.5	Benzo(a)pyrene	0.08	mg/kg	U	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^3-MRS	07/08/2004	1.0	1.5	Beryllium	0.877	mg/kg	-	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^3-MRS	07/08/2004	1.0	1.5	Dibenzo(a,h)anthracene	0.08	mg/kg	U	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^3-MRS	07/08/2004	1.0	1.5	Lead	27.5	mg/kg	J	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^3-MRS	07/08/2004	1.0	1.5	Radium-226	1.71	pCi/g	-	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^3-MRS	07/08/2004	1.0	1.5	Uranium, Total	3.6	ug/g	U	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^5-MRS	07/08/2004	2.0	2.5	Arsenic	20.7	mg/kg	NV	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^5-MRS	07/08/2004	2.0	2.5	Benzo(a)pyrene	0.0802	mg/kg	UNV	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^5-MRS	07/08/2004	2.0	2.5	Beryllium	0.988	mg/kg	NV	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^5-MRS	07/08/2004	2.0	2.5	Dibenzo(a,h)anthracene	0.0802	mg/kg	UNV	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^5-MRS	07/08/2004	2.0	2.5	Lead	21.9	mg/kg	NV	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^5-MRS	07/08/2004	2.0	2.5	Radium-226	1.67	pCi/g	NV	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^5-MRS	07/08/2004	2.0	2.5	Uranium, Total	6.29	ug/g	NV	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^7-MRS	07/08/2004	3.0	3.5	Arsenic	1.05	mg/kg	UNV	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^7-MRS	07/08/2004	3.0	3.5	Benzo(a)pyrene	0.0783	mg/kg	UNV	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^7-MRS	07/08/2004	3.0	3.5	Beryllium	0.712	mg/kg	NV	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^7-MRS	07/08/2004	3.0	3.5	Dibenzo(a,h)anthracene	0.0783	mg/kg	UNV	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^7-MRS	07/08/2004	3.0	3.5	Lead	9.92	mg/kg	NV	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^7-MRS	07/08/2004	3.0	3.5	Radium-226	1.2	pCi/g	NV	477488.302	1348664.667
A2P2-AQL2	A2P2-AQL2^7-MRS	07/08/2004	3.0	3.5	Uranium, Total	5.1	ug/g	NV	477488.302	1348664.667
A2P2-AQL2S	A2P2-AQL2S^1-MR	10/19/2004	0.0	0.5	Arsenic	15.6	mg/kg	NV	477483.227	1348664.608
A2P2-AQL2S	A2P2-AQL2S^1-MR	10/19/2004	0.0	0.5	Radium-226	1.82	pCi/g	NV	477483.227	1348664.608
A2P2-AQL2S	A2P2-AQL2S^7-MR	10/19/2004	3.0	3.5	Arsenic	11.9	mg/kg	NV	477483.227	1348664.608
A2P2-AQL2S	A2P2-AQL2S^7-MR	10/19/2004	3.0	3.5	Radium-226	1.33	pCi/g	NV	477483.227	1348664.608
A2P2-AQL2S2	A2P2-AQL2S2^1-R	12/08/2004	0.0	0.5	Radium-226	1.99	pCi/g	NV	477478.224	1348664.678
A2P2-AQL2W	A2P2-AQL2W^1-MR	10/19/2004	0.0	0.5	Arsenic	11.6	mg/kg	NV	477488.363	1348659.607
A2P2-AQL2W	A2P2-AQL2W^1-MR	10/19/2004	0.0	0.5	Radium-226	1.39	pCi/g	NV	477488.363	1348659.607
A2P2-AQL2W	A2P2-AQL2W^7-MR	10/19/2004	3.0	3.5	Arsenic	10.9	mg/kg	NV	477488.363	1348659.607
A2P2-AQL2W	A2P2-AQL2W^7-MR	10/19/2004	3.0	3.5	Radium-226	1.28	pCi/g	NV	477488.363	1348659.607
A2P2-AQL3	A2P2-AQL3^1-MRS	07/08/2004	0.0	0.5	Arsenic	6.02	mg/kg	U	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^1-MRS	07/08/2004	0.0	0.5	Benzo(a)pyrene	0.081	mg/kg	U	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^1-MRS	07/08/2004	0.0	0.5	Beryllium	0.789	mg/kg	-	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^1-MRS	07/08/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.081	mg/kg	U	477529.208	1348707.554

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
A2P2-AQL3	A2P2-AQL3^1-MRS	07/08/2004	0.0	0.5	Lead	17	mg/kg	J	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^1-MRS	07/08/2004	0.0	0.5	Radium-226	1.39	pCi/g	-	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^1-MRS	07/08/2004	0.0	0.5	Uranium, Total	11.7	ug/g	-	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^1-SM	08/31/2004	0.0	0.5	Arsenic	7.62	mg/kg	NV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^1-SM	08/31/2004	0.0	0.5	Benzo(a)pyrene	0.0384	mg/kg	UNV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^1-SM	08/31/2004	0.0	0.5	Beryllium	0.702	mg/kg	NV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^1-SM	08/31/2004	0.0	0.5	Dibenzo(a,h)anthracene	0.0192	mg/kg	UNV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^1-SM	08/31/2004	0.0	0.5	Lead	20.8	mg/kg	NV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^3-MRS	07/08/2004	1.0	1.5	Arsenic	4.02	mg/kg	U	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^3-MRS	07/08/2004	1.0	1.5	Benzo(a)pyrene	0.0777	mg/kg	U	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^3-MRS	07/08/2004	1.0	1.5	Beryllium	0.587	mg/kg	-	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^3-MRS	07/08/2004	1.0	1.5	Dibenzo(a,h)anthracene	0.0777	mg/kg	U	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^3-MRS	07/08/2004	1.0	1.5	Lead	15.2	mg/kg	J	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^3-MRS	07/08/2004	1.0	1.5	Radium-226	1.48	pCi/g	-	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^3-MRS	07/08/2004	1.0	1.5	Uranium, Total	5.45	ug/g	-	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^3-SM	08/31/2004	1.0	1.5	Arsenic	5.28	mg/kg	NV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^3-SM	08/31/2004	1.0	1.5	Benzo(a)pyrene	0.0382	mg/kg	UNV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^3-SM	08/31/2004	1.0	1.5	Beryllium	0.609	mg/kg	NV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^3-SM	08/31/2004	1.0	1.5	Dibenzo(a,h)anthracene	0.0191	mg/kg	UNV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^3-SM	08/31/2004	1.0	1.5	Lead	19.3	mg/kg	NV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^5-MRS	07/08/2004	2.0	2.5	Arsenic	17.4	mg/kg	-	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^5-MRS	07/08/2004	2.0	2.5	Benzo(a)pyrene	0.0796	mg/kg	U	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^5-MRS	07/08/2004	2.0	2.5	Beryllium	0.69	mg/kg	-	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^5-MRS	07/08/2004	2.0	2.5	Dibenzo(a,h)anthracene	0.0796	mg/kg	U	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^5-MRS	07/08/2004	2.0	2.5	Lead	22.3	mg/kg	J	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^5-MRS	07/08/2004	2.0	2.5	Radium-226	1.49	pCi/g	-	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^5-MRS	07/08/2004	2.0	2.5	Uranium, Total	5.35	ug/g	-	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^5-SM	08/31/2004	2.0	2.5	Arsenic	10.7	mg/kg	NV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^5-SM	08/31/2004	2.0	2.5	Benzo(a)pyrene	0.0395	mg/kg	UNV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^5-SM	08/31/2004	2.0	2.5	Beryllium	0.946	mg/kg	NV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^5-SM	08/31/2004	2.0	2.5	Dibenzo(a,h)anthracene	0.0197	mg/kg	UNV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^5-SM	08/31/2004	2.0	2.5	Lead	17.2	mg/kg	NV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^7-MRS	07/08/2004	3.0	3.5	Arsenic	15.2	mg/kg	-	477529.208	1348707.554

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
A2P2-AQL3	A2P2-AQL3^7-MRS	07/08/2004	3.0	3.5	Benzo(a)pyrene	0.081	mg/kg	U	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^7-MRS	07/08/2004	3.0	3.5	Beryllium	1.07	mg/kg	-	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^7-MRS	07/08/2004	3.0	3.5	Dibenzo(a,h)anthracene	0.081	mg/kg	U	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^7-MRS	07/08/2004	3.0	3.5	Lead	23.2	mg/kg	J	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^7-MRS	07/08/2004	3.0	3.5	Radium-226	1.55	pCi/g	-	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^7-MRS	07/08/2004	3.0	3.5	Uranium, Total	7.37	ug/g	-	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^7-SM	08/31/2004	3.0	3.5	Arsenic	10.6	mg/kg	NV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^7-SM	08/31/2004	3.0	3.5	Benzo(a)pyrene	0.0399	mg/kg	UNV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^7-SM	08/31/2004	3.0	3.5	Beryllium	1.16	mg/kg	NV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^7-SM	08/31/2004	3.0	3.5	Dibenzo(a,h)anthracene	0.0199	mg/kg	UNV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^7-SM	08/31/2004	3.0	3.5	Lead	19	mg/kg	NV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^9-M	10/19/2004	4.0	4.5	Arsenic	9.56	mg/kg	NV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^11-M	10/19/2004	5.0	5.5	Arsenic	7.5	mg/kg	NV	477529.208	1348707.554
A2P2-AQL3	A2P2-AQL3^13-M	10/19/2004	6.0	6.5	Arsenic	9.17	mg/kg	NV	477529.208	1348707.554
A2P2-AQL3E	A2P2-AQL3E^1-MR	10/19/2004	0.0	0.5	Arsenic	10.4	mg/kg	NV	477529.185	1348712.898
A2P2-AQL3E	A2P2-AQL3E^1-MR	10/19/2004	0.0	0.5	Radium-226	1.58	pCi/g	NV	477529.185	1348712.898
A2P2-AQL3E	A2P2-AQL3E^7-MR	10/19/2004	3.0	3.5	Arsenic	12.1	mg/kg	NV	477529.185	1348712.898
A2P2-AQL3E	A2P2-AQL3E^7-MR	10/19/2004	3.0	3.5	Radium-226	1.67	pCi/g	NV	477529.185	1348712.898
A2P2-AQL3N	A2P2-AQL3N^1-MR	10/19/2004	0.0	0.5	Arsenic	22	mg/kg	NV	477534.04	1348707.829
A2P2-AQL3N	A2P2-AQL3N^1-MR	10/19/2004	0.0	0.5	Radium-226	1.71	pCi/g	NV	477534.04	1348707.829
A2P2-AQL3N	A2P2-AQL3N^7-MR	10/19/2004	3.0	3.5	Arsenic	9.5	mg/kg	NV	477534.04	1348707.829
A2P2-AQL3N	A2P2-AQL3N^7-MR	10/19/2004	3.0	3.5	Radium-226	1.49	pCi/g	NV	477534.04	1348707.829
A2P2-AQL3N2	A2P2-AQL3N2^1-R	12/08/2004	0.0	0.5	Radium-226	1.37	pCi/g	NV	477539.03	1348707.836
SSOD-RTC-1	SSOD-RTC-1^1-R	11/21/2003	0.0	0.5	Radium-226	1.23	pCi/g	-	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^1-R	11/21/2003	0.0	0.5	Radium-228	0.565	pCi/g	-	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^1-R	11/21/2003	0.0	0.5	Technetium-99	0.345	pCi/g	U	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^1-R	11/21/2003	0.0	0.5	Thorium-228	0.565	pCi/g	-	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^1-R	11/21/2003	0.0	0.5	Thorium-230	15.7	pCi/g	U	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^1-R	11/21/2003	0.0	0.5	Thorium-232	0.565	pCi/g	-	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^1-R	11/21/2003	0.0	0.5	Uranium, Total	5.72	mg/kg	-	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^2-R	11/21/2003	0.5	1.0	Radium-226	0.823	pCi/g	-	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^2-R	11/21/2003	0.5	1.0	Radium-228	0.345	pCi/g	-	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^2-R	11/21/2003	0.5	1.0	Technetium-99	0.374	pCi/g	U	477793.2	1349074

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSOD-RTC-1	SSOD-RTC-1^2-R	11/21/2003	0.5	1.0	Thorium-228	0.348	pCi/g	-	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^2-R	11/21/2003	0.5	1.0	Thorium-230	12	pCi/g	U	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^2-R	11/21/2003	0.5	1.0	Thorium-232	0.345	pCi/g	-	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^2-R	11/21/2003	0.5	1.0	Uranium, Total	2.17	mg/kg	U	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^3-R	11/21/2003	1.0	1.5	Radium-226	0.622	pCi/g	-	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^3-R	11/21/2003	1.0	1.5	Radium-228	0.395	pCi/g	-	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^3-R	11/21/2003	1.0	1.5	Technetium-99	0.428	pCi/g	U	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^3-R	11/21/2003	1.0	1.5	Thorium-228	0.397	pCi/g	-	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^3-R	11/21/2003	1.0	1.5	Thorium-230	11.4	pCi/g	U	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^3-R	11/21/2003	1.0	1.5	Thorium-232	0.395	pCi/g	-	477793.2	1349074
SSOD-RTC-1	SSOD-RTC-1^3-R	11/21/2003	1.0	1.5	Uranium, Total	5.28	mg/kg	-	477793.2	1349074
SSOD-RTC-2	SSOD-RTC-2^1-R	11/21/2003	0.0	0.5	Radium-226	11.8	pCi/g	-	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^1-R	11/21/2003	0.0	0.5	Radium-228	1.85	pCi/g	-	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^1-R	11/21/2003	0.0	0.5	Technetium-99	0.362	pCi/g	U	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^1-R	11/21/2003	0.0	0.5	Thorium-228	1.92	pCi/g	-	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^1-R	11/21/2003	0.0	0.5	Thorium-230	34.5	pCi/g	UJ	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^1-R	11/21/2003	0.0	0.5	Thorium-232	1.85	pCi/g	-	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^1-R	11/21/2003	0.0	0.5	Uranium, Total	39.3	mg/kg	-	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^2-R	11/21/2003	0.5	1.0	Radium-226	16.9	pCi/g	-	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^2-R	11/21/2003	0.5	1.0	Radium-228	2.44	pCi/g	-	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^2-R	11/21/2003	0.5	1.0	Technetium-99	0.358	pCi/g	U	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^2-R	11/21/2003	0.5	1.0	Thorium-228	2.56	pCi/g	-	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^2-R	11/21/2003	0.5	1.0	Thorium-230	38.1	pCi/g	UJ	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^2-R	11/21/2003	0.5	1.0	Thorium-232	2.44	pCi/g	-	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^2-R	11/21/2003	0.5	1.0	Uranium, Total	59.1	mg/kg	-	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^3-R	11/21/2003	1.0	1.5	Radium-226	0.842	pCi/g	-	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^3-R	11/21/2003	1.0	1.5	Radium-228	0.37	pCi/g	-	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^3-R	11/21/2003	1.0	1.5	Technetium-99	0.324	pCi/g	U	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^3-R	11/21/2003	1.0	1.5	Thorium-228	0.384	pCi/g	-	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^3-R	11/21/2003	1.0	1.5	Thorium-230	13.4	pCi/g	U	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^3-R	11/21/2003	1.0	1.5	Thorium-232	0.37	pCi/g	-	477738	1349081
SSOD-RTC-2	SSOD-RTC-2^3-R	11/21/2003	1.0	1.5	Uranium, Total	15.9	mg/kg	-	477738	1349081
SSOD-RTC-3	SSOD-RTC-3^1-R	11/21/2003	0.0	0.5	Radium-226	0.967	pCi/g	-	477666	1349061.3

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSOD-RTC-3	SSOD-RTC-3^1-R	11/21/2003	0.0	0.5	Radium-228	0.449	pCi/g	-	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^1-R	11/21/2003	0.0	0.5	Technetium-99	0.357	pCi/g	U	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^1-R	11/21/2003	0.0	0.5	Thorium-228	0.488	pCi/g	-	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^1-R	11/21/2003	0.0	0.5	Thorium-230	13.6	pCi/g	U	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^1-R	11/21/2003	0.0	0.5	Thorium-232	0.449	pCi/g	-	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^1-R	11/21/2003	0.0	0.5	Uranium, Total	2.4	mg/kg	U	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^2-R	11/21/2003	0.5	1.0	Radium-226	0.939	pCi/g	-	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^2-R	11/21/2003	0.5	1.0	Radium-228	0.535	pCi/g	-	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^2-R	11/21/2003	0.5	1.0	Technetium-99	0.398	pCi/g	U	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^2-R	11/21/2003	0.5	1.0	Thorium-228	0.553	pCi/g	-	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^2-R	11/21/2003	0.5	1.0	Thorium-230	13.9	pCi/g	U	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^2-R	11/21/2003	0.5	1.0	Thorium-232	0.535	pCi/g	-	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^2-R	11/21/2003	0.5	1.0	Uranium, Total	7.21	mg/kg	-	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^3-R	11/21/2003	1.0	1.5	Radium-226	0.904	pCi/g	-	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^3-R	11/21/2003	1.0	1.5	Radium-228	0.464	pCi/g	-	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^3-R	11/21/2003	1.0	1.5	Technetium-99	0.416	pCi/g	U	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^3-R	11/21/2003	1.0	1.5	Thorium-228	0.478	pCi/g	-	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^3-R	11/21/2003	1.0	1.5	Thorium-230	14.4	pCi/g	U	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^3-R	11/21/2003	1.0	1.5	Thorium-232	0.464	pCi/g	-	477666	1349061.3
SSOD-RTC-3	SSOD-RTC-3^3-R	11/21/2003	1.0	1.5	Uranium, Total	2.55	mg/kg	U	477666	1349061.3
SSOD-RTC-4	SSOD-RTC-4^1-R	11/21/2003	0.0	0.5	Radium-226	6.57	pCi/g	-	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^1-R	11/21/2003	0.0	0.5	Radium-228	1.8	pCi/g	-	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^1-R	11/21/2003	0.0	0.5	Technetium-99	0.463	pCi/g	U	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^1-R	11/21/2003	0.0	0.5	Thorium-228	1.82	pCi/g	-	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^1-R	11/21/2003	0.0	0.5	Thorium-230	33.1	pCi/g	UJ	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^1-R	11/21/2003	0.0	0.5	Thorium-232	1.8	pCi/g	-	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^1-R	11/21/2003	0.0	0.5	Uranium, Total	44.8	mg/kg	-	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^2-R	11/21/2003	0.5	1.0	Radium-226	3.6	pCi/g	-	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^2-R	11/21/2003	0.5	1.0	Radium-228	1.01	pCi/g	-	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^2-R	11/21/2003	0.5	1.0	Technetium-99	0.338	pCi/g	U	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^2-R	11/21/2003	0.5	1.0	Thorium-228	1.03	pCi/g	-	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^2-R	11/21/2003	0.5	1.0	Thorium-230	26.5	pCi/g	-	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^2-R	11/21/2003	0.5	1.0	Thorium-232	1.01	pCi/g	-	477813.6	1349097

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSOD-RTC-4	SSOD-RTC-4^2-R	11/21/2003	0.5	1.0	Uranium, Total	19.1	mg/kg	-	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^3-R	11/21/2003	1.0	1.5	Radium-226	1.17	pCi/g	-	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^3-R	11/21/2003	1.0	1.5	Radium-228	0.45	pCi/g	-	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^3-R	11/21/2003	1.0	1.5	Technetium-99	0.337	pCi/g	U	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^3-R	11/21/2003	1.0	1.5	Thorium-228	0.46	pCi/g	-	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^3-R	11/21/2003	1.0	1.5	Thorium-230	15.5	pCi/g	U	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^3-R	11/21/2003	1.0	1.5	Thorium-232	0.45	pCi/g	-	477813.6	1349097
SSOD-RTC-4	SSOD-RTC-4^3-R	11/21/2003	1.0	1.5	Uranium, Total	10.3	mg/kg	-	477813.6	1349097
SSOD-RTC-5	SSOD-RTC-5^1-R	11/21/2003	0.0	0.5	Radium-226	7.49	pCi/g	-	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^1-R	11/21/2003	0.0	0.5	Radium-228	2.22	pCi/g	-	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^1-R	11/21/2003	0.0	0.5	Technetium-99	0.462	pCi/g	U	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^1-R	11/21/2003	0.0	0.5	Thorium-228	2.24	pCi/g	-	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^1-R	11/21/2003	0.0	0.5	Thorium-230	36.3	pCi/g	UJ	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^1-R	11/21/2003	0.0	0.5	Thorium-232	2.22	pCi/g	-	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^1-R	11/21/2003	0.0	0.5	Uranium, Total	67.6	mg/kg	-	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^2-R	11/21/2003	0.5	1.0	Radium-226	7.06	pCi/g	-	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^2-R	11/21/2003	0.5	1.0	Radium-228	1.75	pCi/g	-	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^2-R	11/21/2003	0.5	1.0	Technetium-99	0.368	pCi/g	U	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^2-R	11/21/2003	0.5	1.0	Thorium-228	1.8	pCi/g	-	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^2-R	11/21/2003	0.5	1.0	Thorium-230	30.4	pCi/g	UJ	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^2-R	11/21/2003	0.5	1.0	Thorium-232	1.75	pCi/g	-	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^2-R	11/21/2003	0.5	1.0	Uranium, Total	46.8	mg/kg	-	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^3-R	11/21/2003	1.0	1.5	Radium-226	4.82	pCi/g	-	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^3-R	11/21/2003	1.0	1.5	Radium-228	1.02	pCi/g	-	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^3-R	11/21/2003	1.0	1.5	Technetium-99	0.34	pCi/g	U	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^3-R	11/21/2003	1.0	1.5	Thorium-228	0.993	pCi/g	-	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^3-R	11/21/2003	1.0	1.5	Thorium-230	72.8	pCi/g	-	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^3-R	11/21/2003	1.0	1.5	Thorium-232	1.02	pCi/g	-	477789	1349097
SSOD-RTC-5	SSOD-RTC-5^3-R	11/21/2003	1.0	1.5	Uranium, Total	24.7	mg/kg	-	477789	1349097
SSOD-RTC-6	SSOD-RTC-6^1-R	11/21/2003	0.0	0.5	Radium-226	2.3	pCi/g	-	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^1-R	11/21/2003	0.0	0.5	Radium-228	0.944	pCi/g	-	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^1-R	11/21/2003	0.0	0.5	Technetium-99	0.385	pCi/g	U	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^1-R	11/21/2003	0.0	0.5	Thorium-228	0.991	pCi/g	-	477770.8	1349101

APPENDIX A
PREDESIGN CHARACTERIZATION DATA

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
SSOD-RTC-6	SSOD-RTC-6^1-R	11/21/2003	0.0	0.5	Thorium-230	23.7	pCi/g	U	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^1-R	11/21/2003	0.0	0.5	Thorium-232	0.944	pCi/g	-	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^1-R	11/21/2003	0.0	0.5	Uranium, Total	14.2	mg/kg	-	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^2-R	11/21/2003	0.5	1.0	Radium-226	2.07	pCi/g	-	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^2-R	11/21/2003	0.5	1.0	Radium-228	0.817	pCi/g	-	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^2-R	11/21/2003	0.5	1.0	Technetium-99	0.354	pCi/g	U	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^2-R	11/21/2003	0.5	1.0	Thorium-228	0.855	pCi/g	-	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^2-R	11/21/2003	0.5	1.0	Thorium-230	19.8	pCi/g	U	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^2-R	11/21/2003	0.5	1.0	Thorium-232	0.817	pCi/g	-	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^2-R	11/21/2003	0.5	1.0	Uranium, Total	12.2	mg/kg	-	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^3-R	11/21/2003	1.0	1.5	Radium-226	0.868	pCi/g	-	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^3-R	11/21/2003	1.0	1.5	Radium-228	0.37	pCi/g	-	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^3-R	11/21/2003	1.0	1.5	Technetium-99	0.371	pCi/g	U	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^3-R	11/21/2003	1.0	1.5	Thorium-228	0.366	pCi/g	-	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^3-R	11/21/2003	1.0	1.5	Thorium-230	14.5	pCi/g	U	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^3-R	11/21/2003	1.0	1.5	Thorium-232	0.37	pCi/g	-	477770.8	1349101
SSOD-RTC-6	SSOD-RTC-6^3-R	11/21/2003	1.0	1.5	Uranium, Total	5.38	mg/kg	-	477770.8	1349101

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APPENDIX B

LIST OF TECHNICAL SPECIFICATIONS AND DRAWINGS

APPENDIX B
LIST OF TECHNICAL SPECIFICATIONS AND DRAWINGS

Drawings

Drawing Number	Sheet	Title
99X-5500-G-00787	G-1	SSOD Excavation Plan (North)
99X-5500-G-00788	G-2	SSOD Excavation Plan (South)
99X-5500-G-00840	G-3	SSOD Civil Details

Technical Specifications for SDFP Excavation for Remediation, Document 20300-TS-0001

Section	Title
02150	Traffic Control
02205	Impacted Material Excavation
02206	Earthwork for Remediation
02207	Area Isolation Trenching
02275	Surface Water Management and Erosion Control for Remediation

Specifications Referenced from OSDF Design:
OSDF Phase V Technical Specifications, Document 20105-TS-0001

Section	Title
02100	Surveying
02200	Earthwork
02215	Trenching and Backfilling
02230	Road Construction
02270	Surface Water Management and Erosion Control
02714	Geotextiles
02930	Vegetation

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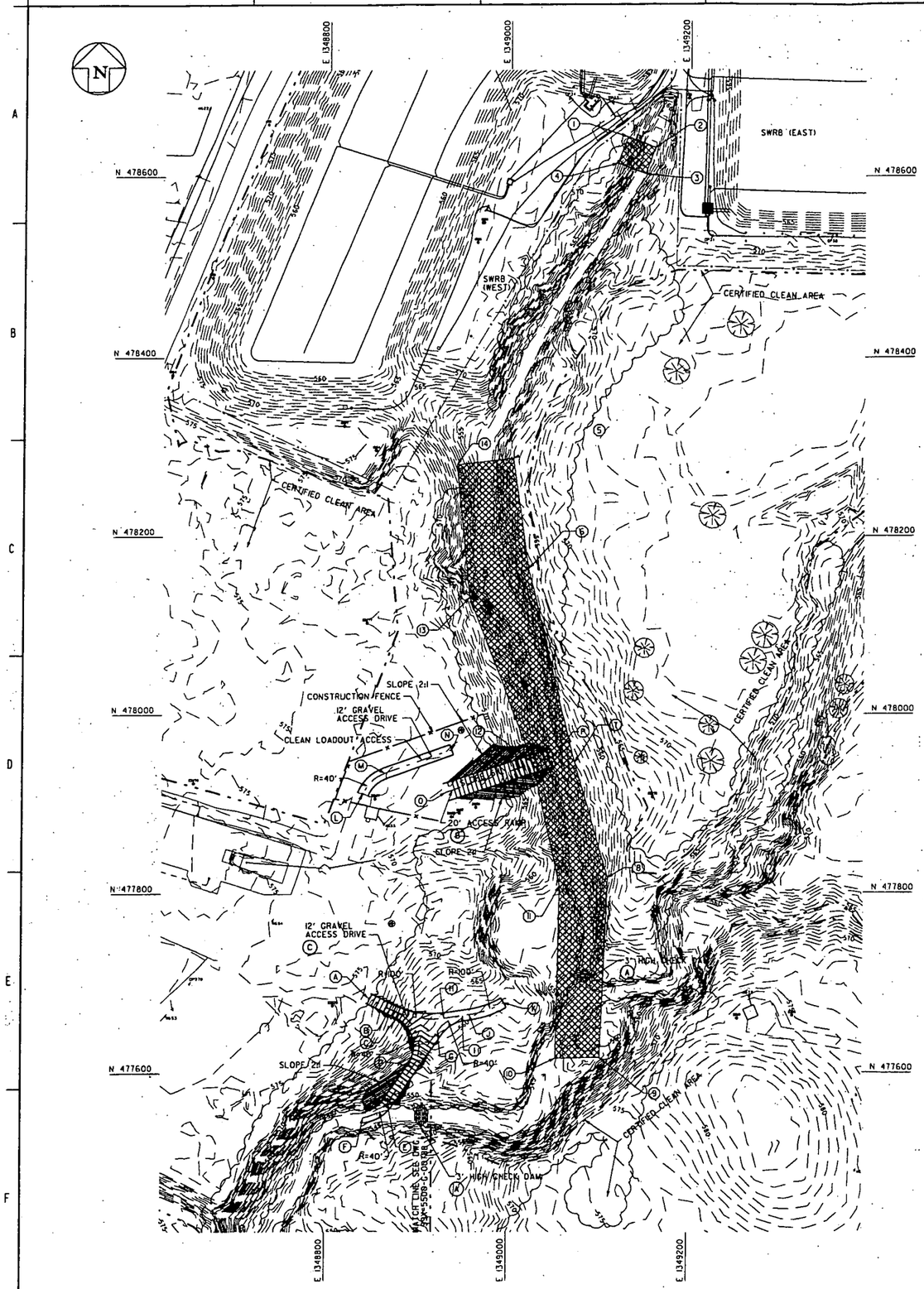

GENERAL NOTES

1. GOVERNING THESE ACTIVITIES ARE THE LATEST REVISIONS OF TECHNICAL SPECIFICATIONS FOR SOIL AND DISPOSAL FACILITY PROJECT EXCAVATION FOR REMEDIATION (20300-TS-0001), AS WELL AS TECHNICAL SPECIFICATIONS FOR ON-SITE DISPOSAL FACILITY PHASE V (20105-TS-0001) REFERENCED THEREIN.
2. PRIOR TO STARTING CLEARING OR EXCAVATION ACTIVITIES WITHIN SSOD WORK AREA, INSTALL 3-FOOT HIGH CHECK DAM UPSTREAM OF BOX CULVERT (SEE DRAWING 99X-5500-G-00788).
3. PRIOR TO EXCAVATION, CLEAR TREES AND LARGE VEGETATION.
4. WITHIN SOIL EXCAVATION AREAS, CUT TREES AND OTHER VEGETATION AT LEAST 2 FEET ABOVE GRADE. DO NOT DISTURB SOIL.
5. FOR DETAILS SEE DRAWING 99X-5500-G-00840.
6. AFTER REMEDIAL EXCAVATION HAS BEEN COMPLETED FOR EACH EXCAVATION AREA AND SAMPLES AND REAL-TIME MONITORING HAS BEEN PERFORMED, FILL THE CREEK BED WITH COARSE AGGREGATE MATERIAL TO THE PRE-EXCAVATION ELEVATIONS.
7. AFTER REMEDIAL EXCAVATION IS COMPLETE, PLACE TOPSOIL OR AMENDED SOIL ALONG CREEK BANKS AND OTHER AFFECTED AREAS TO PRE-EXCAVATED ELEVATIONS.
8. SEED AFFECTED AREAS USING PERMANENT SEED MIX PER OSDF TECHNICAL SPECIFICATION SECTION 02930.

KEYED NOTES

(A) INSTALL TWO 3-FOOT HIGH CHECK DAMS PRIOR TO BEGINNING EXCAVATION WITHIN SOIL EXCAVATION AREA BOUNDED BY CONTROL POINTS 5 THROUGH 14. SEE DETAIL ON DRAWING 99X-5500-G-000840.

(B) EXCAVATE ACCESS RAMP DOWN TO AREA BOUNDARY FOR SOIL EXCAVATION. TO ALLOW ACCESS FOR EQUIPMENT TO CLEAR EXCAVATION AREA BOUNDED BY 5 THROUGH 14. DO NOT DISTURB SOIL WITHIN EXCAVATION AREA UNTIL CLEARING IS COMPLETED.

(C) CONSTRUCT ACCESS DRIVE INTO MAIN CHANNEL TO PROVIDE ACCESS TO SOIL EXCAVATION AREAS BOUNDED BY CONTROL POINTS 15 THROUGH 28.

DRIVE AND RAMP LOCATIONS		
PT. NO.	NORTHING	EASTING
(A)	477683.5	1348847.6
(B)	477671.1	1348872.0
(C)	477666.0	1348882.1
(D)	477607.7	1348896.9
(E)	477567.8	1348869.5
(F)	477550.9	1348842.4
(G)	477647.2	1348924.1
(H)	477661.2	1348931.0
(I)	477664.1	1348951.5
(J)	477665.1	1348959.1
(K)	477678.3	1348996.6
(L)	477911.0	1348840.4
(M)	477934.2	1348864.2
(N)	477960.6	1348938.0
(O)	477912.8	1348931.6
(P)	477952.0	1349050.3

AREA BOUNDARIES FOR SOIL REMOVAL			
PT. NO.	NORTHING	EASTING	DEPTH
(1)	478643.9	1349129.8	2.5'
(2)	478632.0	1349160.5	2.5'
(3)	478603.1	1349149.3	2.5'
(4)	478615.0	1349118.5	2.5'
(5)	478287.8	1349004.7	3.5'
(6)	478164.0	1349022.0	3.5'
(7)	477946.0	1349074.0	3.5'
(8)	477817.0	1349111.0	3.5'
(9)	477617.7	1349103.0	3.5'
(10)	477616.6	1349054.0	3.5'
(11)	477808.0	1349058.0	3.5'
(12)	477947.0	1349027.0	3.5'
(13)	478132.0	1348957.0	3.5'
(14)	478280.7	1348942.0	3.5'

SCALE: 1"=50'

0 10 20 50 75 100 150 200 250

SCALE IN FEET

PRELIMINARY

NOT FOR CONSTRUCTION

REV. NO.	ISSUE OR REVISION PURPOSE - DESCRIPTION	DATE	REV. BY	APPR.
A	ISSUED FOR AGENCY REVIEW	01/18/05	RML	

INITIALS AND DATE

UNITED STATES DEPARTMENT OF ENERGY

FERNALD CLOSURE PROJECT

THIS DRAWING PREPARED BY:

FLUOR FERNALD, INC.

PROJECT NAME

SOIL REMEDIATION

DRAWING TITLE

STORM SEWER OUTFALL DITCH EXCAVATION PLAN (NORTH)

APPROVALS

COGNZANT ENG.		SAFETY ENG.	
CIVIL & STR.		MAINTENANCE	
ELECTRICAL		FIRE PROTECT.	
ENGINEER		WASTE MANAGE	
INSTRUMENT		SECURITY	
MECHANICAL		QA	
		CONSTRUCTION	
CHECKED			
APPROVED			

DRAWN BY	PROJECT NO.	DRAWING INDEX CODE NO.	SHEET NO.	REV. NO.
R.M. LINDGREN	20820	99X-5500-G-00787	G-1	A
REF. PROJECT NO.	FILENAME 99xg0787.dgn			

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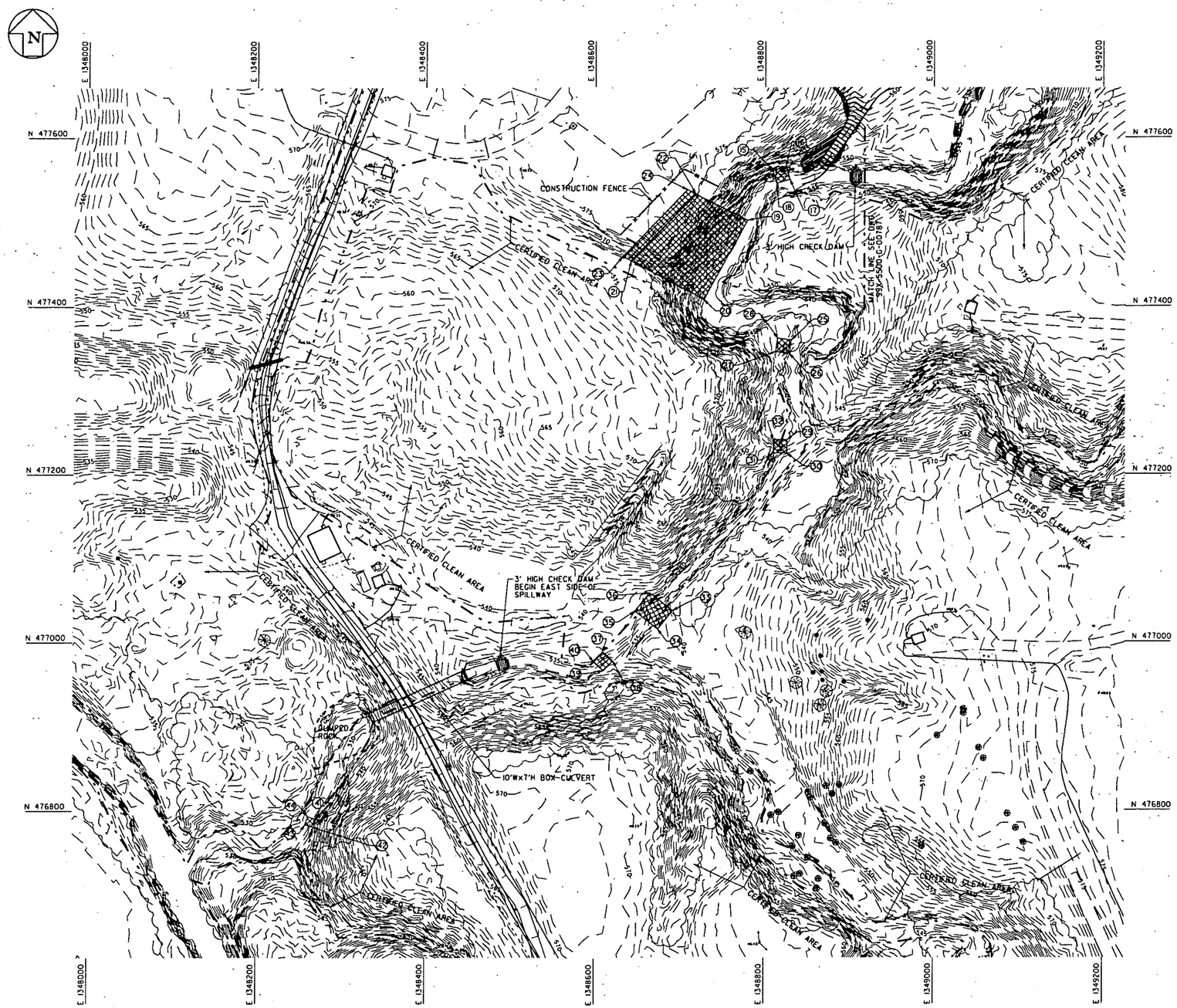

GENERAL NOTES

1. FOR CONSTRUCTION NOTES SEE DRAWING 99X-5500-G-00787.

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AREA BOUNDARIES FOR SOIL REMOVAL			
PT. NO.	NORTHING	EASTING	DEPTH
15	477561.1	1348808.9	2.0'
16	477566.1	1348824.1	2.0'
17	477550.9	1348829.1	2.0'
18	477545.9	1348813.9	2.0'
19	477502.4	1348779.6	2.0'
20	477408.5	1348727.8	2.0'
21	477454.4	1348642.1	2.0'/2.5'
22	477534.1	1348717.6	2.0'/2.5'
23	477459.6	1348632.4	2.5'
24	477539.1	1348707.9	2.5'
25	477359.8	1348831.1	1.5'
26	477343.9	1348828.8	1.5'
27	477346.2	1348812.9	1.5'
28	477362.1	1348815.2	1.5'
29	477241.0	1348826.0	2.0'
30	477225.0	1348826.0	2.0'
31	477225.0	1348810.0	2.0'
32	477241.0	1348810.0	2.0'
33	477037.2	1348691.5	3.5'
34	477015.3	1348674.1	3.5'
35	477036.7	1348647.3	3.5'
36	477058.6	1348664.8	3.5'
37	476988.5	1348610.0	2.0'
38	476977.6	1348621.7	2.0'
39	476965.9	1348610.9	2.0'
40	476976.7	1348599.1	2.0'
41	476789.9	1348271.2	1.5'
42	476780.4	1348268.0	1.5'
43	476783.6	1348258.5	1.5'
44	476793.1	1348261.7	1.5'

PRELIMINARY
NOT FOR CONSTRUCTION

REV. NO.	ISSUE OR REVISION PURPOSE - DESCRIPTION	DATE	REV. BY	APPR.
A	ISSUED FOR AGENCY REVIEW	01/18/05	RML	

INITIALS AND DATE

UNITED STATES DEPARTMENT OF ENERGY
FERNALD CLOSURE PROJECT

THIS DRAWING PREPARED BY
FLUOR FERNALD, INC.

PROJECT NAME
SOIL REMEDIATION

DRAWING TITLE
STORM SEWER OUTFALL DITCH
EXCAVATION PLAN (SOUTH)

APPROVALS

COGNIZANT ENG.		SAFETY ENG.	
CIVIL & STR.		MAINTENANCE	
ELECTRICAL		FIRE PROTECT.	
ENGINEER		WASTE MANAGE	
INSTRUMENT		SECURITY	
MECHANICAL		QA	
		CONSTRUCTION	
CHECKED			
APPROVED			

DRAWN BY	PROJECT NO.	DRAWING INDEX CODE NO.	SHEET NO.	REV. NO.
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FCPSAE.DGN 5/30/03

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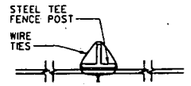
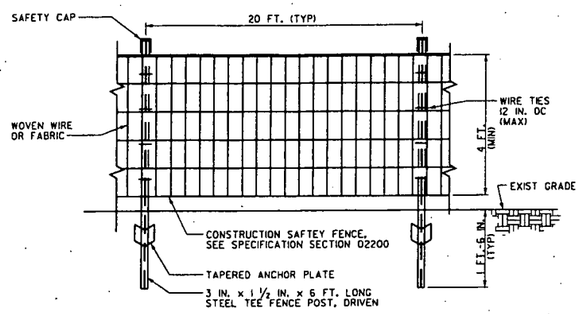


PLAN



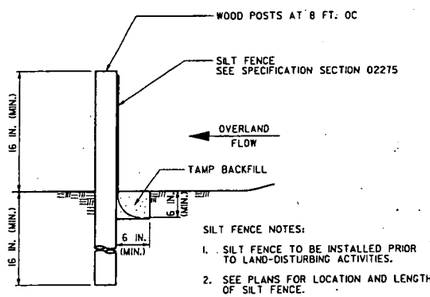
ELEVATION

NOTE:

INSTALL SAFETY CAPS ON T-POSTS THAT ARE LESS THAN 4 FEET IN HEIGHT ABOVE-GRADE.

CONSTRUCTION SAFETY FENCE DETAIL

NTS

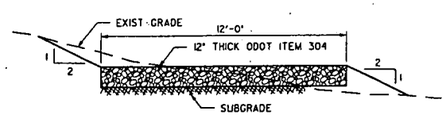


SILT FENCE NOTES:

1. SILT FENCE TO BE INSTALLED PRIOR TO LAND-DISTURBING ACTIVITIES.
2. SEE PLANS FOR LOCATION AND LENGTH OF SILT FENCE.
3. WOOD POSTS SHALL BE 2 IN. X 2 IN. (MIN.) OF OAK OR SIMILAR HARDWOOD.
4. BACKFILL MATERIAL IN ACCORDANCE WITH SPECIFICATION SECTION 02200.

SILT FENCE DETAIL

NTS

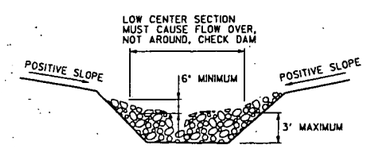


GENERAL NOTES:

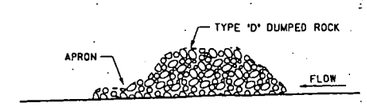
1. REMOVE UNSUITABLE SUBGRADE MATERIAL AND REPLACE WITH SUITABLE EXCAVATED MATERIAL.
2. USE ODOT TYPE "D" DUMPED ROCK, OR ASSHTO NO. 2 STONE TO IMPROVE SUBGRADE AS NEEDED.

ACCESS DRIVE DETAIL

NTS



CROSS SECTION



PROFILE

GENERAL NOTES:

1. THE CHECK DAM SHALL BE CONSTRUCTED OF TYPE "D" DUMPED ROCK FILL, PLACED SO THAT IT COMPLETELY COVERS THE WIDTH OF THE CHANNEL.
2. THE TOP OF THE CHECK DAM SHALL BE CONSTRUCTED SO THAT THE CENTER IS APPROXIMATELY 6 INCHES LOWER THAN THE OUTER EDGES, SO WATER WILL FLOW ACROSS THE CENTER AND NOT AROUND THE ENDS.
3. THE MAXIMUM HEIGHT OF THE CHECK DAM AT THE CENTER OF THE WEIR SHALL NOT EXCEED 3 FEET.
4. PLACE CHECK DAMS AS SHOWN ON THE PLANS.

CHECK DAM DETAIL

NTS

GENERAL NOTES

5820

PRELIMINARY
NOT FOR CONSTRUCTION

REV. NO.	ISSUE OR REVISION PURPOSE - DESCRIPTION	DATE	REV. BY	APPR.
A	ISSUED FOR AGENCY REVIEW	01/18/05	RWL	

INITIALS AND DATE

UNITED STATES DEPARTMENT OF ENERGY
FERNALD CLOSURE PROJECT

THIS DRAWING PREPARED BY
FLUOR FERNALD, INC.

PROJECT NAME
SOIL REMEDIATION

DRAWING TITLE
STORM SEWER OUTFALL DITCH
CIVIL DETAILS

APPROVALS

COGNIZANT ENG.			SAFETY ENG.		
CIVIL & STR.			MAINTENANCE		
ELECTRICAL			FIRE PROTECT.		
ENGINEER			WASTE MANAGE.		
INSTRUMENT			SECURITY		
MECHANICAL			QA		
			CONSTRUCTION		
CHECKED					
APPROVED					

DRAWN BY	PROJECT NO.	DRAWING INDEX CODE NO.	SHEET NO.	REV. NO.
R.W. LINDORFER	20820	99X-5500-G-00840	G-3	A
REF PROJECT NO.	FILENAME 99x00840.dgn			

FCPSAE.DGN 5/30/03