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EXCAVATION PLAN FOR THE STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

FERNALD CLOSURE PROJECT
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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
AWWT	Advanced Waste Water Treatment (Facility)
BTV	benchmark toxicity value
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
HPGe	high-purity germanium (detector)
IEMP	Integrated Environmental Monitoring Plan
MDC	minimum detectable concentration
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
WAC	waste acceptance criteria

1.0 INTRODUCTION

This Excavation Plan addresses the U.S. Department of Energy's (DOE's) remediation of soil, sediment, and at- and below-grade structures and debris in portions of the Stream Corridors Remediation Project at the Fernald Closure Project (FCP) in southwestern Ohio (see Figures 1-1 and 1-2). The portion of Stream Corridors Remediation Project covered by this Excavation Plan is as follows:

- Pilot Plant Drainage Ditch (PPDD)
- Paddys Run Train Trestle
- Paddys Run West of Silo 1
- Paddys Run Debris Removal

PPDD is the ditch through which much of the western portion of the FCP drains to Paddys Run stream. The PPDD is approximately 1400 feet in length and discharges into Paddys Run approximately 600 feet southwest of K-65 Silo 1 (see Figure 1-1). The primary sources to the PPDD include runoff from portions of remediation areas Area 6 and Area 7. Three small areas of soil contamination, each less than 250 square feet in area, have been located within the ditch requiring remediation to meet final remediation levels (FRLs) for the FCP. The activity is expected to remove approximately 37 cubic yards of uranium-contaminated soil.

Paddys Run Train Trestle is the trestle by which site rail shipments to and from the FCP travel over Paddys Run stream. Upon completion of rail shipments from the site, the trestle, associated concrete slabs and footers, and rubble from the surrounding area will be dismantled and size-reduced as necessary for disposal in the On-Site Disposal Facility (OSDF). This activity is expected to remove approximately 500 cubic yards of debris. No excavation for contamination is expected.

Paddys Run West of Silo 1 will involve excavation of 3 cubic yards of soil contaminated with radium from an area of Paddys Run stream bank just west of Silo 1, to meet site FRLs.

Paddys Run Debris Removal will involve removal of man-made debris from various locations within Paddys Run stream corridor (see Figure 1-2). The activity is expected to remove approximately 100 cubic yards of debris from the stream corridor. No excavation for contamination is expected.

This Excavation Plan only addresses the predesign investigation, characterization data, and remedial design of the PPDD and Paddys Run. Remedial design for the other major components of the Stream Corridors Remediation Project was submitted for agency review in January 2005 under the Excavation

Plan for Stream Corridors Storm Sewer Outfall Ditch (SSOD, DOE 2005a). Remedial actions addressed in this Excavation Plan involve removal of above-FRL impacted soil and debris. There is no known above-waste acceptance criteria (WAC) material associated with these excavations. Impacted soil will be excavated in accordance with the OSDF Impacted Materials Placement Plan (DOE 2004a) and OSDF WAC Attainment Plan (DOE 2000) requirements. Root-balls will be size reduced as necessary prior to placement. The excavation and disposition of impacted soil, sediments, and debris from the PPDD and Paddys Run is scheduled to start during May 2005.

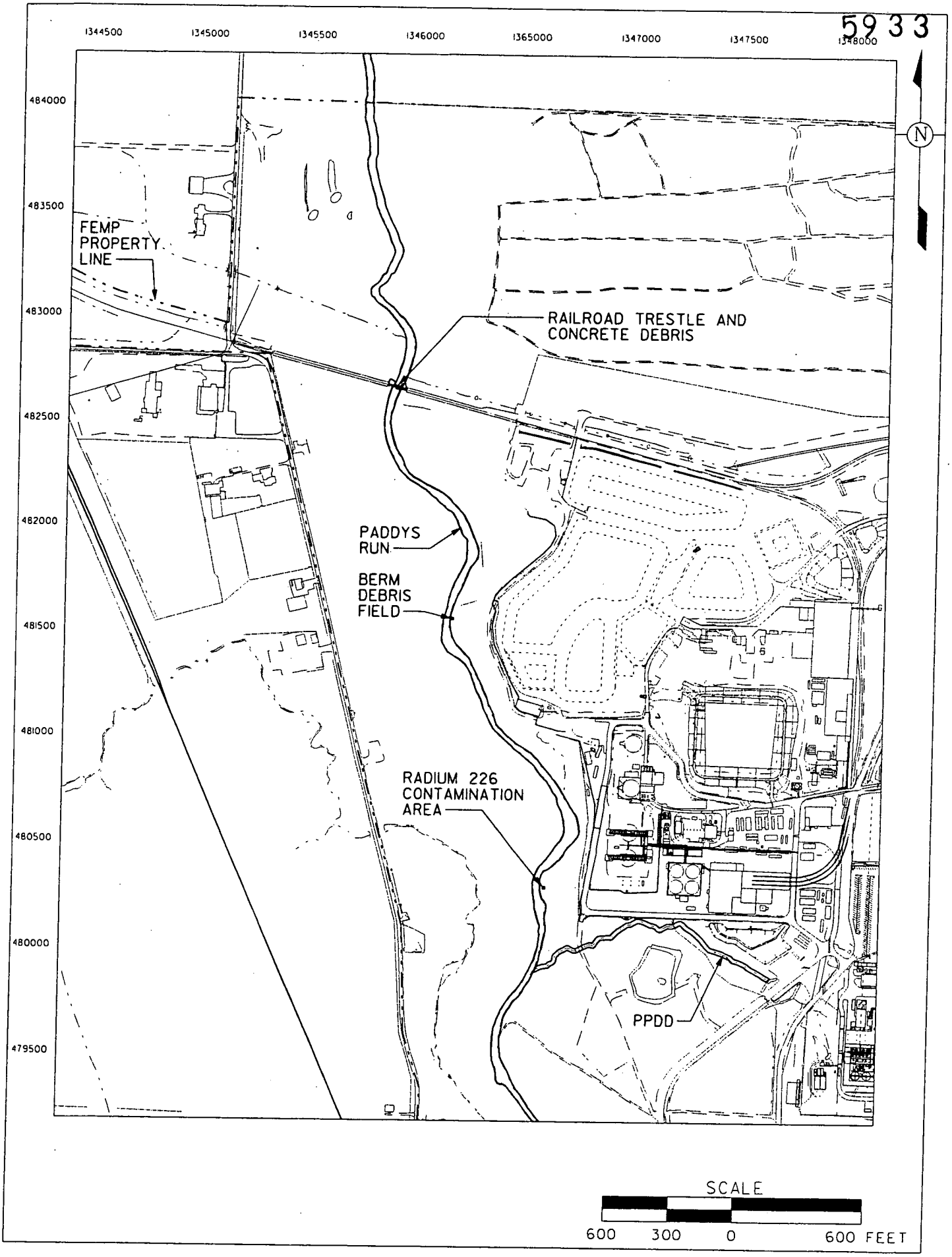


FIGURE 1-1 PILOT PLANT DRAINAGE AREA AND PADDYS RUN

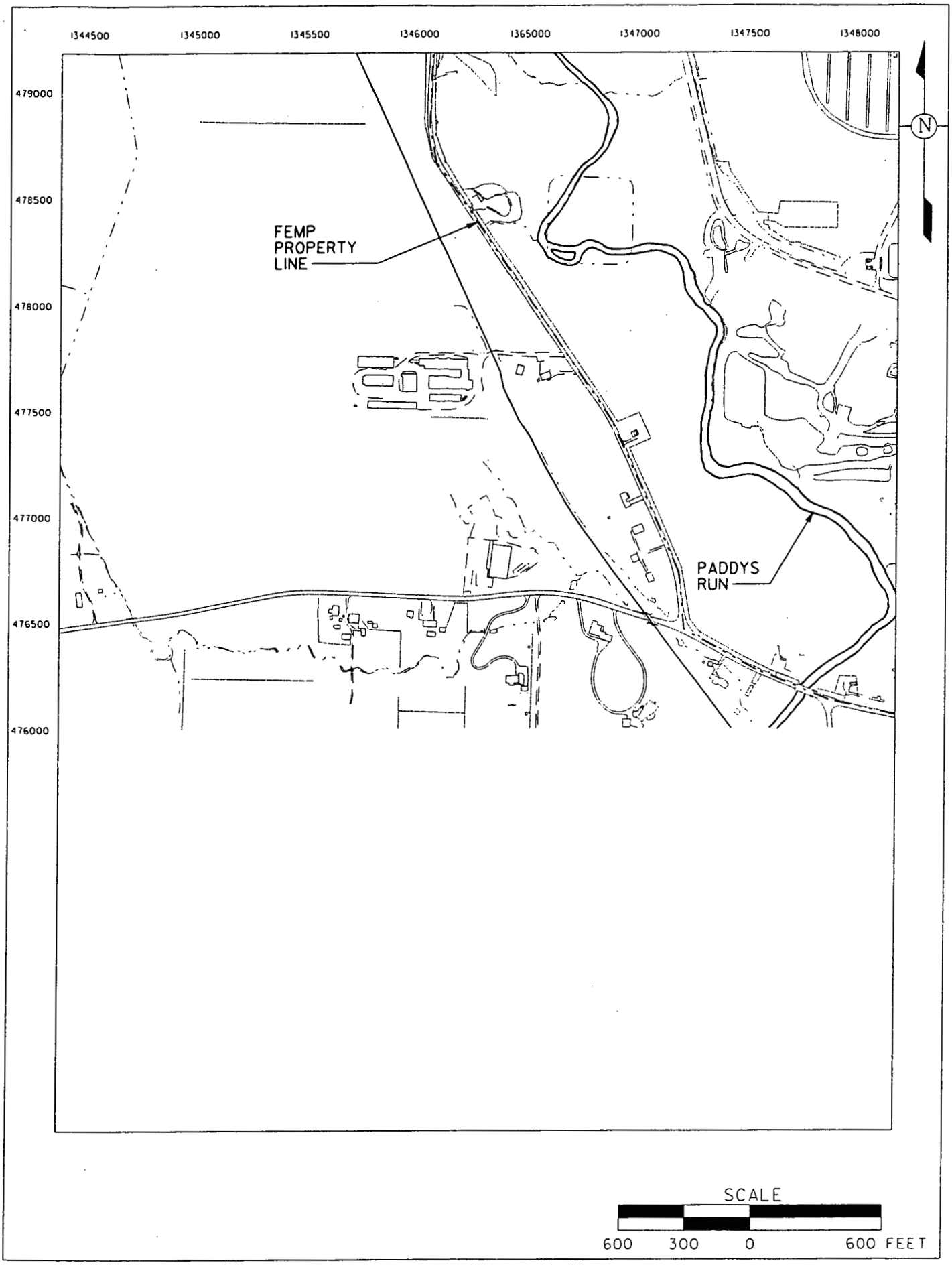


FIGURE I-2 PPDD DRAINAGE AREA

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 in parts of Paddys Run as well as isolated areas of contamination found along Paddys Run and in the PPDD (see Figure 2-1 for location) from the RI/FS and other historical sampling events, extensive characterization during predesign was necessary.

Historically, Paddys Run received drainage from all but the extreme northeastern corner of the site. Since the mid-1980s, drainage from the most contaminated areas of the site has been controlled by diverting it to lined storage basins, where the water is stored before treatment in the Advanced Waste Water Treatment (AWWT) Facility. Historical soil sampling and analysis data as well as any above-FRL results from the Paddys Run oxbow areas is summarized in the Project Specific Plan (PSP) for Real-Time Scan of Paddys Run Corridor and Associated Drainage Features (DOE 2003). The real-time scan performed under the PSP for Real-Time Scan of Paddys Run Corridor and Associated Drainage Features identified above-FRL readings for radium-226 along the southern-most stretch of Paddys Run that was still on site (see Figure 2-2). Samples collected in association with the PSP for Predesign Characterization of Sediments in Paddys Run and Associated Drainage Features (DOE 2004b, see Figure 2-1) identified isolated instances of above-FRL results for radium-226 and arsenic at points along the length of Paddys Run (see Figures 2-3 through 2-6) as discussed in Section 2.4.2.

The PPDD has been identified as a source of contamination into the aquifer. As such, samples were collected under the PSP for Predesign Sampling in the Area 2, Phase II (A2PII) - Parts Two and Three (DOE 1999). The results of these samples indicate that elevated levels of uranium are present at the surface and (in one location) at depth. Samples were also collected under the PSP for WAC Attainment Sampling of Area 7 Soils (DOE 1998a). The results from these samples supported those from the A2PII - Parts Two and Three sampling events. Further predesign data was collected under the PSP for Predesign Characterization of Sediments in Paddys Run and Associated Drainage Features to determine the extent of contamination from the other area-specific constituents of concern (ASCOCs) as well as to determine the extent of the original contamination found (see Figure 2-8). The results of these samples indicate that elevated levels of arsenic are present in one location. This information is discussed further in Section 2.4.2.

Sediment monitoring takes place on an annual basis at selected locations along Paddys Run under the current Integrated Environmental Monitoring Plan (IEMP), Revision 4 (DOE 2005b, see Table 2-1 and Figure 2-7).

Predesign investigations were conducted to supplement the historical information available on the nature and extent of contamination in the PPDD and Paddys Run. 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 investigation included information that forwarded and/or completed these goals:

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

  This PSP included approximately 235 borings within the PPDD and Paddys Run involving the sampling of the streambed and banks (transects), flood plain, channels, and bias samples as well as associated bounding samples. The depths and analytes required varied depending on sample points and area sampled. All above-FRL results were bound by physical sampling with the exception of one sample point (see boring location PRT-22R4 on Figure 2-4), which will undergo excavation and be controlled by follow-up real-time measurement systems.

The activities performed under this investigation are discussed in Section 2.4. The sample locations related to the Predesign PSP for PPDD and Paddys Run are shown in Figures 2-2 through 2-6 and 2-8. Appendix A includes historical data as well as the results of physical sampling taken during predesign.

2.1.1 Preliminary Constituents of Concern

The Sitewide Excavation Plan (SEP, DOE 1998b) does not have a preliminary list of 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 from the majority of the FCP 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.

Approximately 102 sample locations in the PPDD and Paddys Run were designated to have all of the ASCOCs analyzed for all of the designated ASCOCs. During this investigation, all of those in the PPDD (39 samples) were collected and analyzed. Among the results for these 39 samples, no radiological constituents were found to be above-FRL. Since no above-FRL results for lead-210, neptunium-237, plutonium-238, or strontium-90 were found in any of the samples, they were deemed not to be a source of potential contamination. Therefore, these four particular ASCOCs were not carried through the remaining 63 borings of Paddys Run 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 within the PPDD or Paddys Run 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 PPDD and Paddys Run (see Figure 2-1 for location). As stated previously, the PPDD 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. The on-site portion of Paddys Runs streambed primarily consists of gravel mixed with sand combined with transitory channel deposits, typical of coarse bed-load materials. The streambed is at significant depth relative to its banks, with bank heights ranging from 10 feet along the southwestern bank to more than 30 feet along the northeastern bank. The western bank is, in general, much lower than the eastern bank. The area immediately west of the stream represents an over bank flood plain. The width of average flow within the streambed is approximately 20 feet. This stretch of Paddys Run is actively degrading. As an example, between 1954 and 2000, the centerline of Paddys Run moved approximately 40 feet closer to the silos, cutting into the bank that borders the western edge of the Silos area. The course of Paddys Run has also been modified by human intervention during the years Fernald was active. These include bank stabilization measures along the eastern bank in the vicinity of the silos. There are not any subsurface structures/utilities in this area. However, there are noted occurrences of debris and rubble at isolated points along Paddys Run and in the area west of the Waste Pits.

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 were extrapolated from the ASCOCs identified for the areas that contribute run-off and/or contamination to the PPDD and Paddys Run. The data and the available results of predesign investigations were evaluated based on both the concentration and the persistence of the constituent within the PPDD and Paddys Run area. As described in detail in Section 2.4.2, there are several areas that are

above-FRL. Isolated occurrences of above-FRL radium-226, total uranium, and arsenic are present along the length of Paddys Run and in the PPDD (see Figures 2-2 through 2-6). Table 2-3 presents the list of COCs driving excavation for the PPDD and Paddys Run. 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 PPDD and Paddys Run 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 PPDD or Paddys Run 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 for the COC associated with the PPDD and Paddys Run can be found in Table 2-2. 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 PPDD and Paddys Run 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 PPDD and Paddys Run is limited or indicated the presence of radiological contamination, 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 PPDD and Paddys Run area are established based on the following information:

- Above-FRL results for radiological and non-radiological parameters based on physical sample results as identified in this document,

- 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 PPDD and Paddys Run.

2.4.1 Above-WAC Material

No Above-WAC areas were found within the PPDD or Paddys Run.

2.4.2 Above-FRL Material

Excavation boundaries for the PPDD and Paddys Run are established based on above-FRL contamination identified as a result of physical sampling and bound by physical sampling and real-time measurement systems.

Samples collected in association with the PSP for Predesign Characterization of Sediments in Paddys Run and Association Drainage Features as well as the PSP for the Predesign of A2PII - Parts Two and Three for the PPDD and Paddys Run identified above-FRL conditions in several areas along the PPDD and Paddys Run. These areas will be discussed in additional detail below.

PILOT PLANT DRAINAGE DITCH

The investigations above identified three total uranium contamination areas. These four areas were bound through physical sampling as elaborated below in order of west to east.

At the western most point of contamination along the PPDD, boring location A2P2-PP-7 (see Figure 2-8) was determined to have total uranium contamination (maximum of 136 mg/kg) to a depth of 2.5 feet. This boring was vertically bound at 3.0 feet as PPDDH-1 (see Figure 2-8) and laterally bound to the four cardinal directions (see boring locations PPDDH-1N, PPDDH-1S, PPDDH-1E, and PPDDH-1W2 on Figure 2-8).

An area extending from boring location A2P2-PP-26 on the west to A2P2-PP-25 on the east (see Figure 2-8) contains two borings (as noted above) with above-FRL results for total uranium (maximum of 127 mg/kg). The contamination extends to 0.5 foot at the western end and to 3.5 feet on the eastern end. Sample location PPDDH-2 vertically bounds the western end of the area to 1.0 foot while PPDDH-3 vertically bounds the eastern end to 4.0 feet. The area is horizontally bound at 5 feet to the northeast, southeast, and the southwest by boring locations PPDDH-3NE, PPDDH-3SE, and PPDDH-2SW

respectively (see Figure 2-8). The area is unbound to the northwest because boring location PPDDH-2NW (see Figure 2-8) was inaccessible. For this reason, the bounding distance associated with the northeast sampling location (see PPDDH-3NE in Figure 2-8) of 5 feet will be used until the area can be bound as part of the excavation control process.

During predesign, sample location PPDDT-1L (see Figure 2-8) was identified as having above-FRL arsenic contamination (maximum of 16.5 mg/kg) to a depth of 1.0 foot. Although the sample was bound at depth to 1.5 feet by PPDDH-4 (see Figure 2-8) and to the south, east, and west by PPDDH-4S, PPDDH-4E, and PPDDH-4W respectively (see Figure 2-8), it was not bound to the north. Because the presence of the arsenic is similar to that found in several adjacent areas, it is concluded that these levels are consistent with background conditions. This approach is more fully explained/discussed in the Addendum to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)/Resource Conservation and Recovery Act (RCRA) Background Soil Study (DOE 2001, where results in the 12 to 36-inch interval ranged from below the FRL to 15.8 mg/kg), 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 2005c). It is also supported by boring location PRT-1 (see Figure 2-3), which is an above-FRL (13.8 mg/kg) boring location in the northeast along the property line and upstream of potential contamination, generated by the site. In addition, the analytical result was significantly less than the OU5 FRL for sediments (94.0 mg/kg). Due to all these considerations, no remediation for this area is planned.

At sample location A2P2-PP-20 (the easternmost point of contamination identified in the PPDD - see Figure 2-8), above-FRL total uranium (86.9 mg/kg) was found to a depth of 0.5 foot. This was bound to a depth of 1.0 foot with boring PPDDH-5 (see Figure 2-8) and laterally bound to 5 feet in the four cardinal directions (see boring locations PPDDH-5N, PPDDH-5S, PPDDH-5E, and PPDDH-5W in Figure 2-8).

PADDYS RUN (NORTH)

Because the presence of above FRL arsenic (13.8 mg/kg) in boring location PRT-1 (see Figure 2-3) is located in the streambed at the northernmost edge of the FCP, the source of this above-FRL condition cannot be attributed to site operations and therefore, it is concluded that these levels are consistent with background conditions. This approach is more fully explained/discussed in the Addendum to the CERCLA/RCRA Background Soil Study (where results in the 12 to 36-inch interval ranged from below the FRL to 15.8 mg/kg), 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. Also, this above-FRL boring location is in the northeast along the property line and upstream of potential contamination generated by the site. In addition, the analytical result was significantly less than the OU5

FRL for sediments (94.0 mg/kg). Due to all these considerations, no further investigation for this COC (i.e., arsenic) is planned.

PADDYS RUN NORTHERN OXBOW AND REROUTED ASSOCIATED AREAS

Adjacent to sample location PRC-1 (see Figure 2-4) lays historical sample location 500318/SS-23 (approximately 20 feet to the northwest) taken in 1993. This historical boring location had an above-FRL (1.5 mg/kg Beryllium) result for beryllium (1.7 mg/kg). No other samples (including PRC-1) taken either at this location (see Figure 2-4 - at a depth of 1.0 foot) or surface samples taken at 5 feet in each of the cardinal directions (see Figure 2-4 - A6-SA3-35, A6-SA3-36, A6-SA3-37, and A6-SA3-38) show any indication of elevated beryllium. Because no additional above-FRL beryllium results were observed in any of the six samples noted here as well as the changing nature of the streambed and it's banks, it has been determined that above-FRL beryllium is no longer to be found at this location. No further remediation activities for this area are planned.

Because the presence of above-FRL arsenic (13.7 mg/kg) in boring location PRT-9 (see Figure 2-4) is similar to that found in several adjacent area, it is concluded that these levels are consistent with background conditions. This approach is more fully explained/discussed in the Addendum to the CERCLA/RCRA Background Soil Study (where results in the 12 to 36-inch interval ranged from below the FRL to 15.8 mg/kg), 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. It is also supported by boring location PRT-1 (see Figure 2-3), which is an above-FRL (13.8 mg/kg) boring location in the northeast along the property line and upstream of potential contamination, generated by the site. In addition, the analytical result was significantly less than the OU5 FRL for sediments (94.0 mg/kg). Due to all these considerations, no further investigation for this COC (i.e., arsenic) is planned.

At sample location PRT-22R4 (see Figure 2-4), above-FRL radium-226 [5.75 picocuries per gram (pCi/g)] was found to a depth of 0.5 feet. In order to verify/bound this boring location, real-time measurement systems collected a 15-cm high-purity germanium (HPGe) detector reading at this sample point. This translates into a reading covering 6.6 feet in diameter. No above-FRL results were observed with this reading. In spite of the lack of confirmation for the above-FRL result, this area will be excavated to a depth of 1.0 foot and laterally bound at the 6.6 feet diameter. This excavation will be controlled by follow-up real-time measurement systems to verify/confirm the complete removal of any radium-226 contamination.

PADDYS RUN SOUTHERN OXBOW AND REROUTED ASSOCIATED AREAS

Because the presence of above-FRL arsenic (12.5 mg/kg) in boring location OPR-10 (see Figure 2-5) is similar to that found in several adjacent areas, it is concluded that these levels are consistent with background conditions. This approach is more fully explained/discussed in the Addendum to the CERCLA/RCRA Background Soil Study (where results in the 12 to 36-inch interval ranged from below the FRL to 15.8 mg/kg) 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. It is also supported by boring location PRT-1 (see Figure 2-3), which is an above-FRL (13.8 mg/kg) boring location in the northeast along the property line and upstream of potential contamination, generated by the site. In addition, the analytical result was significantly less than the OU5 FRL for sediments (94.0 mg/kg). Due to all these considerations, no further investigation for this COC (i.e., arsenic) is planned.

PADDYS RUN (SOUTH)

Because the presence of above-FRL arsenic (12.7 mg/kg) in boring location PRT-28 (see Figure 2-6) is similar to that found in several adjacent area, it is concluded that these levels are consistent with background conditions. This approach is more fully explained/discussed in the Addendum to the CERCLA/RCRA Background Soil Study (where results in the 12 to 36-inch interval ranged from below the FRL to 15.8 mg/kg) 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. It is also supported by boring location PRT-1 (see Figure 2-3), which is an above-FRL (13.8 mg/kg) boring location in the northeast along the property line and upstream of potential contamination, generated by the site. In addition, the analytical result was significantly less than the OU5 FRL for sediments (94.0 mg/kg). Due to all these considerations, no further investigation for this COC (i.e., arsenic) is planned.

As was stated previously in this document, the real-time scan performed under the PSP for Real-Time Scan of Paddys Run Corridor and Associated Drainage Features identified above-FRL readings for radium-226 along the southern-most stretch of Paddys Run that was still on site (see Figure 2-8). These measurement locations will be revisited to perform additional measurements at a reduced detector height when stream and weather conditions permit. The follow-up measurements with reduced detector height will have a smaller field of view, and the locations where they will be performed will be chosen so that any remaining obstruction effects will be minimized. In the past, similar follow-up measurements have all yielded results less than the action levels for the isotopes of interest, thus indicating the conservative nature of the obstruction correction method. Should these additional measurements verify/confirm the original measurements, excavation will occur and be controlled based on these results.

TABLE 2-1
IEMP ANNUAL RESULTS FOR SEDIMENT IN PADDYS RUN FOR 2004

Boring Name	Analyte (pCi/g)					
	Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232	Total Uranium (mg/kg)
PN-1	0.639	0.306	0.302	<1.29	0.306	1.76
PN-2	0.908	0.611	0.631	2.58	0.611	3.11
PN-3	0.726	0.526	0.541	1.75	0.526	4.39
PN-4	0.669	0.444	0.46	1.47	0.444	1.42
PN-5	0.67	0.514	0.548	1.23	0.514	2.83
PS-1	0.503	0.322	0.308	1.58	0.322	3.47
PS-2	0.564	0.294	0.308	1.53	0.294	1.83
PS-3						3.01

TABLE 2-2
PRELIMINARY ASCOCs FOR STREAM CORRIDORS

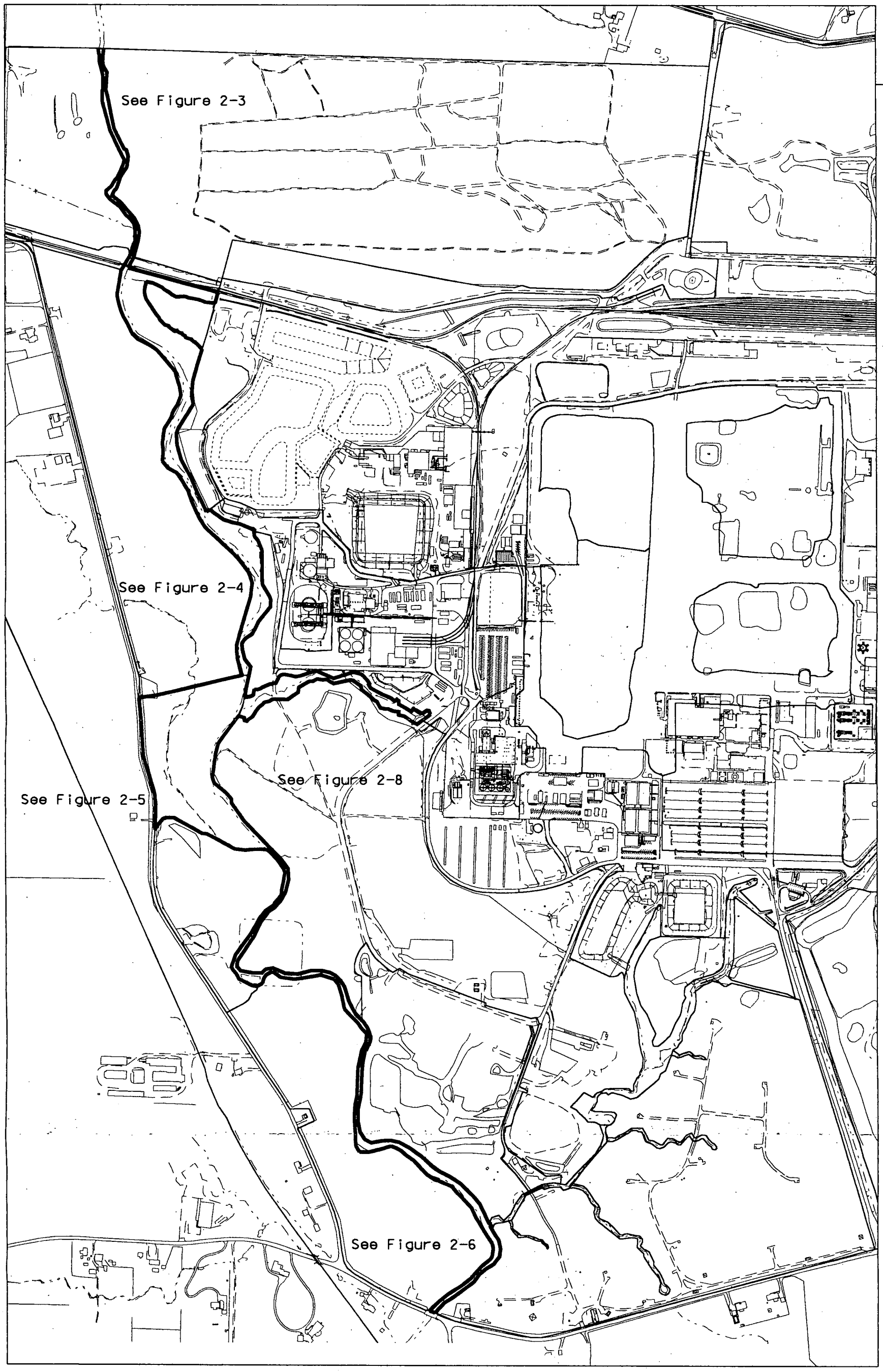
Primary COCs	FRL/*BTV*	Secondary COCs	FRL/*BTV*
Total Uranium	82 mg/kg	1,1-Dichloroethene	0.41 mg/kg
Radium-226	1.7 pCi/g	Antimony	*10 mg/kg*
Radium-228	1.8 pCi/g	Aroclor-1254	0.13 mg/kg
Thorium-228	1.7 pCi/g	Aroclor-1260	0.13 mg/kg
Thorium-232	1.5 pCi/g	Arsenic	12 mg/kg
		Benzo(a)anthracene	*1 mg/kg*
		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

BTV - Benchmark Toxicity Value

TABLE 2-3
ASCOCs THAT DRIVE EXCAVATION IN THE PPDD AND PADDYS RUN

Primary COCs	FRL	MDC	Secondary COCs	FRL	MDC
Total Uranium	82 mg/kg	8.2 mk/kg	None		
Radium-226	1.5 pCi/g	1.5 pCi/g			

MDC - minimum detectable concentration



LEGEND:

PADDYS RUN/PPDD BOUNDARY

SCALE

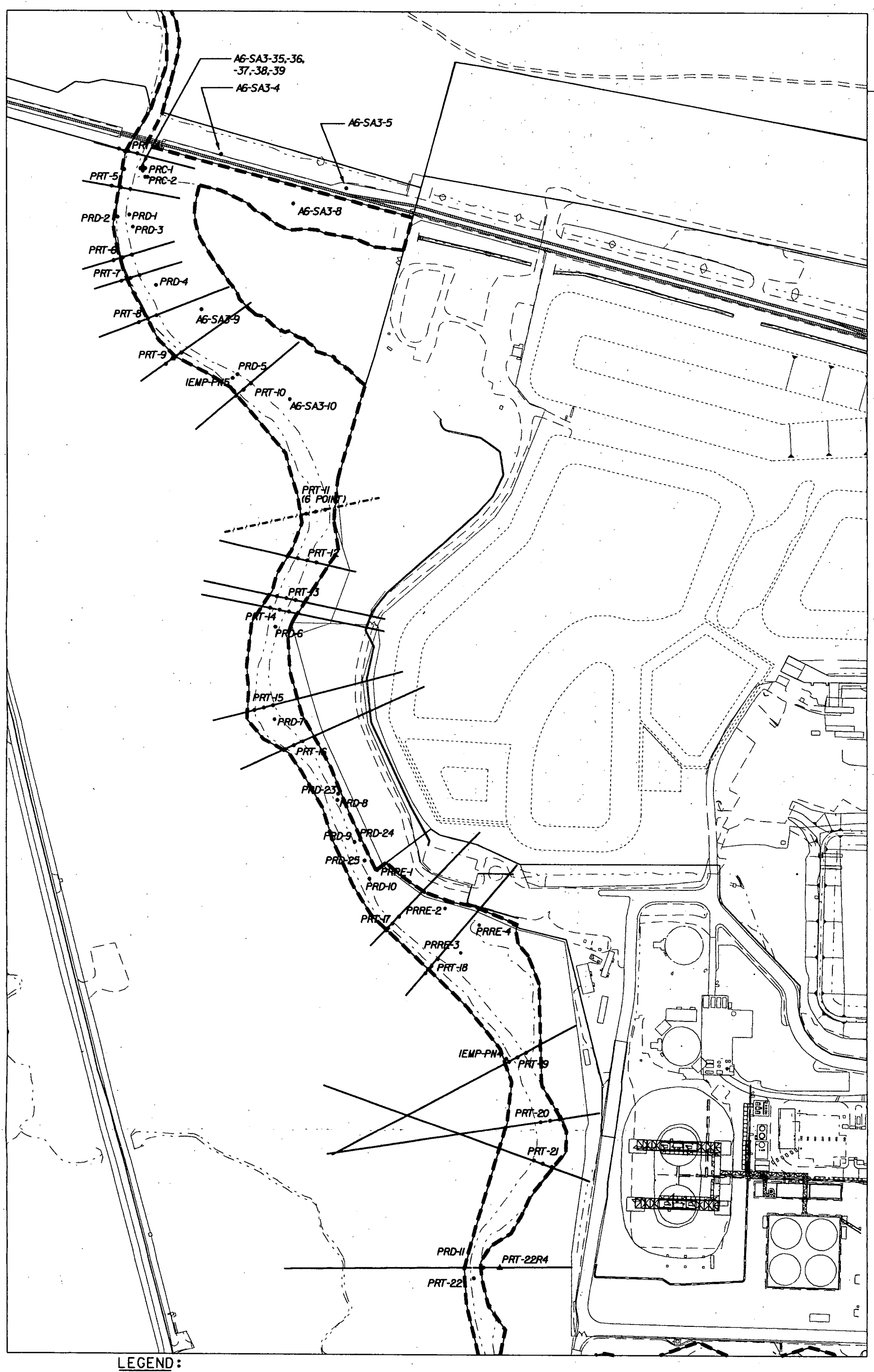
600 300 0 600 FEET

FIGURE 2-1. PADDYS RUN, ADJACENT OXBOW AREAS AND THE PILOT PLANT DRAINAGE DITCH

v:\2fm12\dgn\estream10b.dgn

STATE PLANAR COORDINATE SYSTEM 1983

12-MAY-2005



LEGEND:

▲ ABOVE-FRL LOCATION

• SAMPLE LOCATION

STREAM CORRIDORS BOUNDARY

SCALE

200 100 0 200 FEET

DRAFT

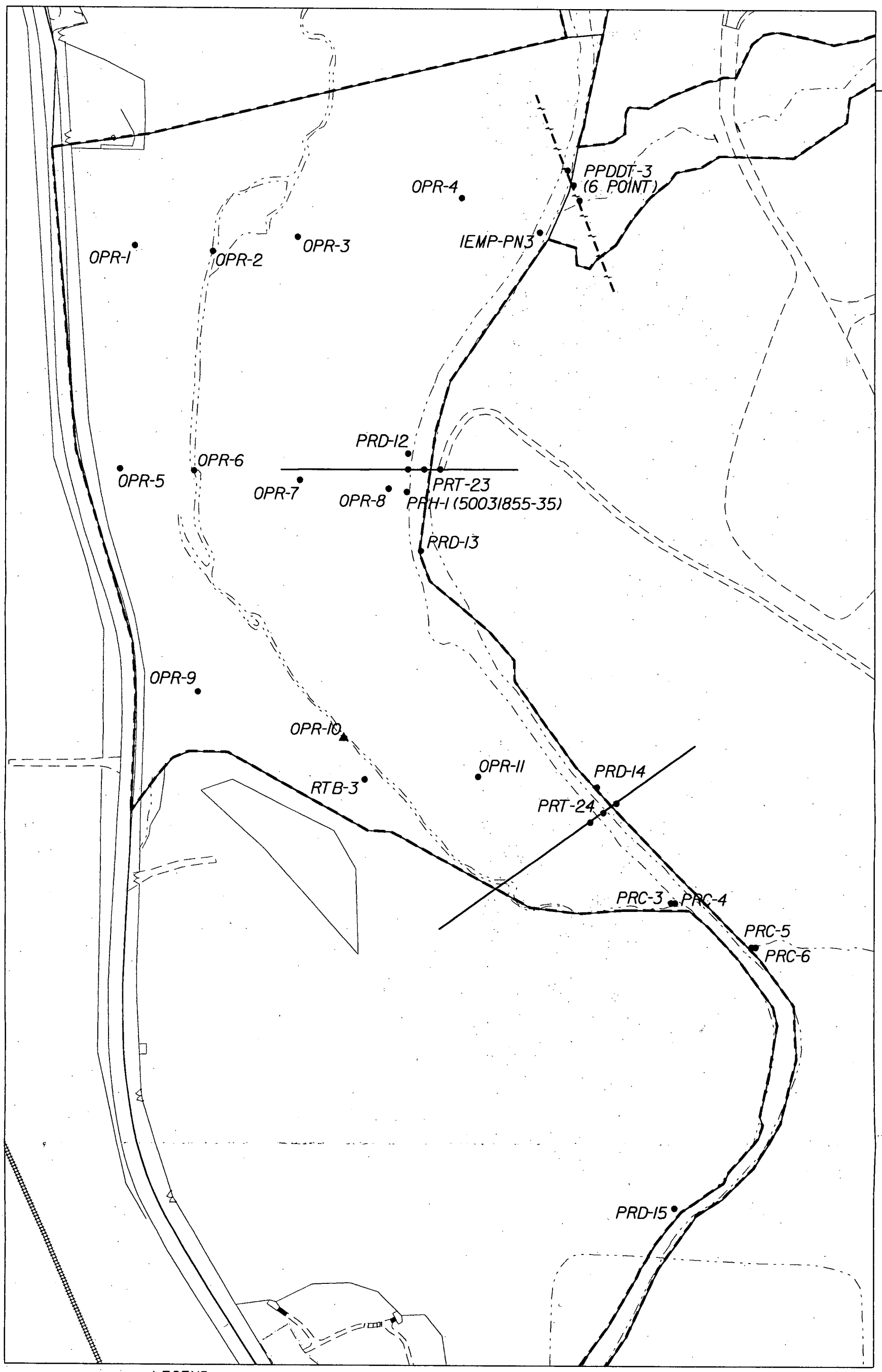
FIGURE 2-4. PADDYS RUN, ADJACENT NORTHERN OXBOW WITH STREAM REROUTED AREA

v:\82fm12\dgn\estream12e.dgn

STATE PLANAR COORDINATE SYSTEM 1983

12-MAY-2005

5933



LEGEND:

- • SAMPLE LOCATION
- ▲ ABOVE-FRL SAMPLE LOCATION
- – – – STREAM CORRIDORS BOUNDARY

SCALE

120 60 0 120 FEET

DRAFT

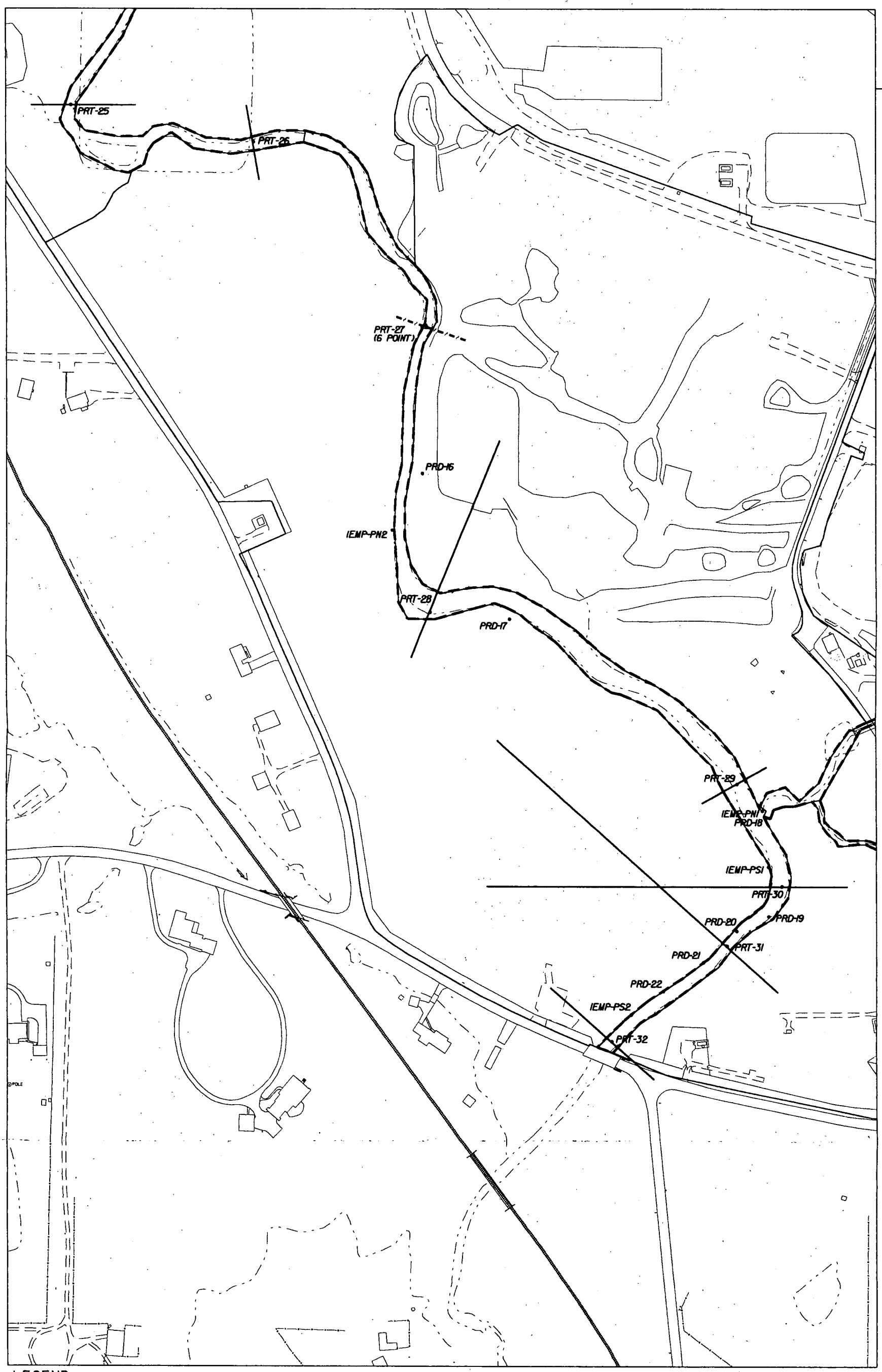
FIGURE 2-5. PADDYS RUN ADJACENT SOUTHERN OXBOW WITH STREAM REROUTED AREA

v:\82fm12\dgn\ea1r-ecm12f.dgn

STATE PLANAR COORDINATE SYSTEM 1983

12-MAY-2005

5933



LEGEND:

- • SAMPLE LOCATION
- ▲ ABOVE-FRL SAMPLE LOCATION
- ---- STREAM CORRIDORS BOUNDARY

SCALE

220 110 0 220 FEET

FIGURE 2-6. PADDYS RUN (south)

v:\82fm12\dgn\estream13.dgn

STATE PLANAR COORDINATE SYSTEM 1983

12-MAY-2005

5933

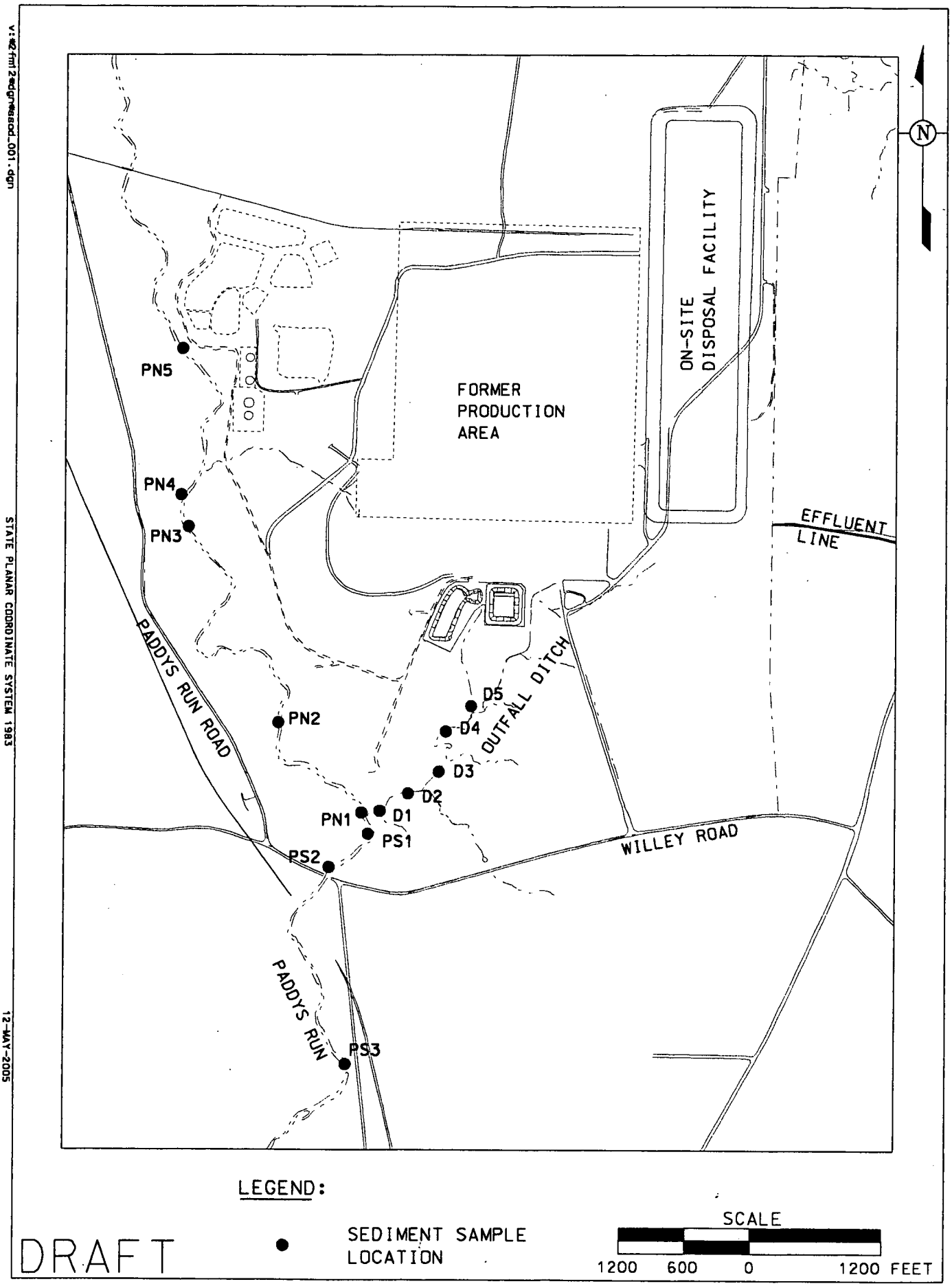


FIGURE 2-2. LOCATIONS OF SEDIMENT MONITORING SAMPLING FOR PADDYS RUN AND THE PPDD

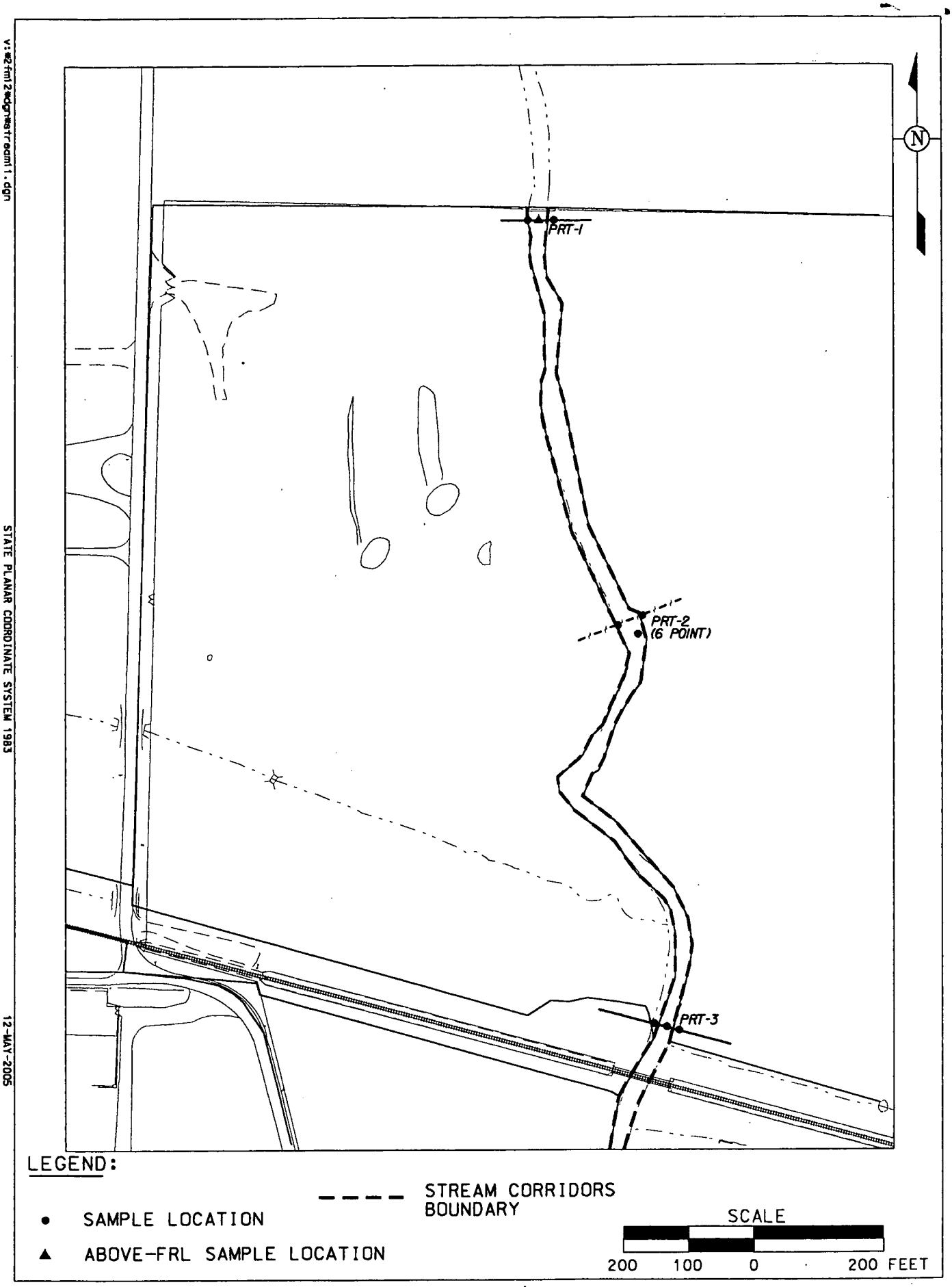


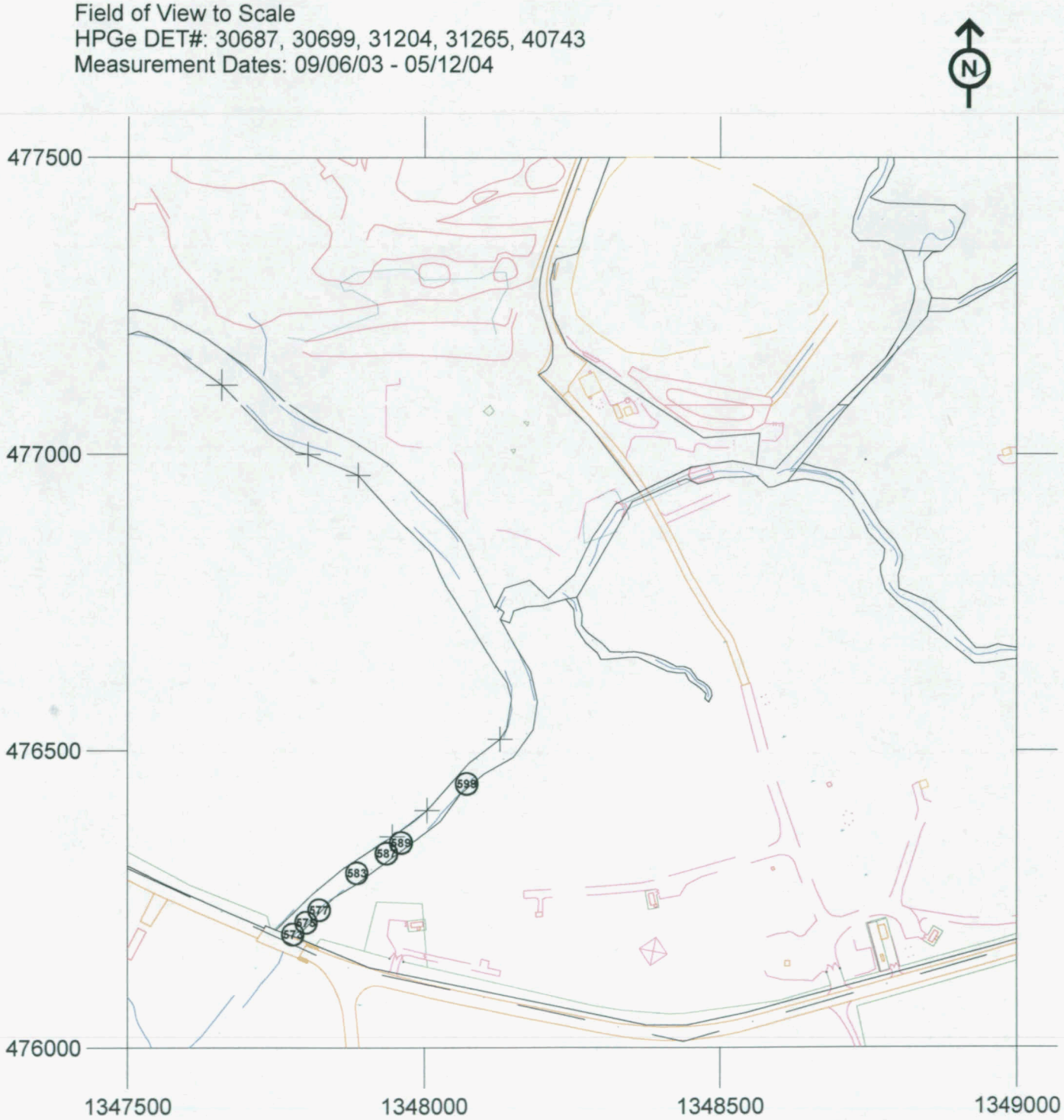
FIGURE 2-3. PADDY'S RUN (north)

v:\e2-fm12\dgn\estrecm11.dgn
STATE PLANAR COORDINATE SYSTEM 1983
12-MAY-2005

Figure 2-7 Paddys Run - South, Real-Time Scan - Above FRL Radium-226 Locations

5933

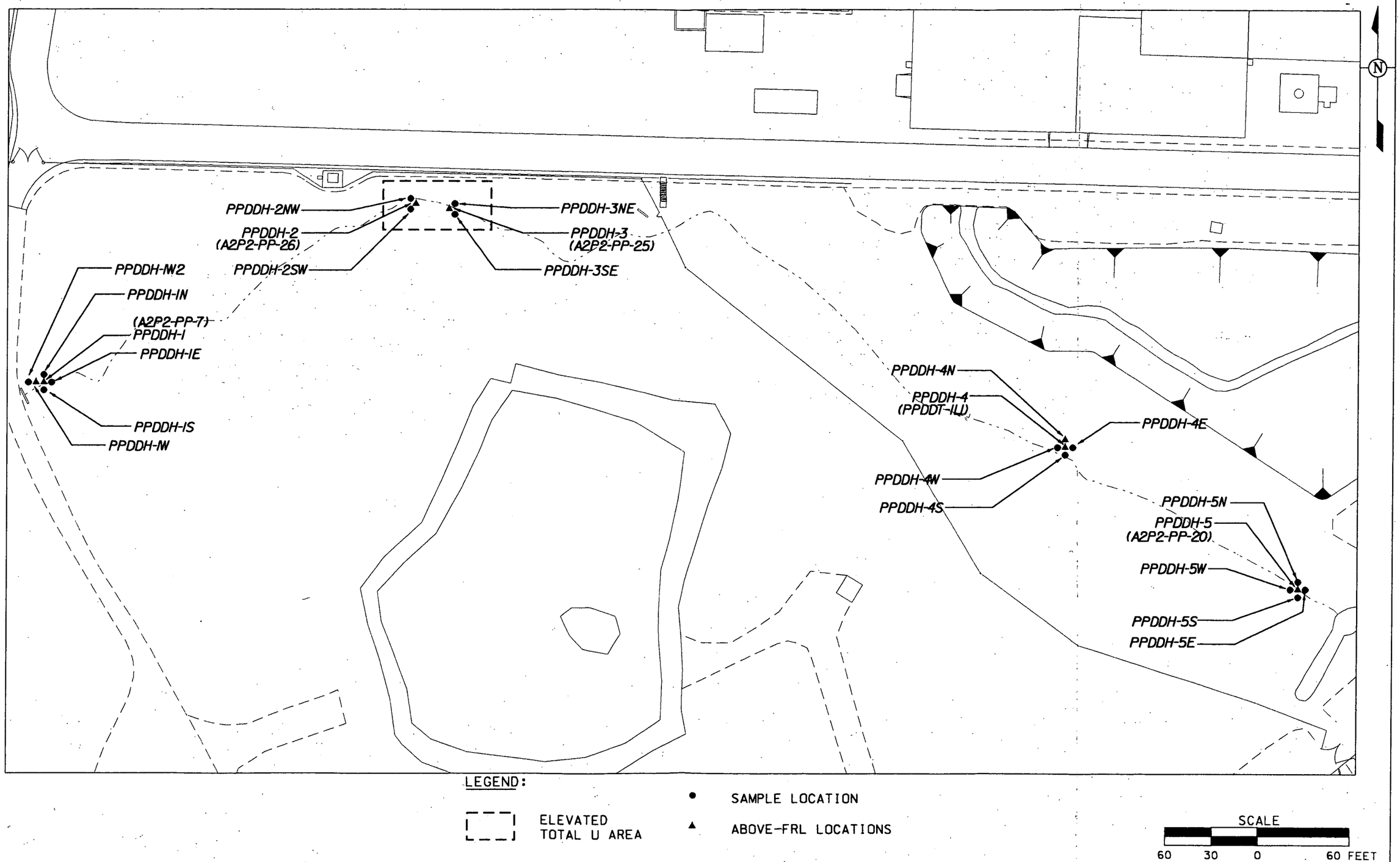
Field of View to Scale
HPGe DET#: 30687, 30699, 31204, 31265, 40743
Measurement Dates: 09/06/03 - 05/12/04



HPGe @ 31 & 100cm
Ra-226 (pCi/g)

- 1.7 to 3.4
- 3.4 to 5.1
- 5.1 to 9999

RTIMP DWG TITLE: PR_GT_FRL_RA_ZOOM_SOUTH.srf
Project Name: PR and Assoc. Drain Feat.
Project #: 20300-PSP-0008
Prepared By: Curt Baumann/78329
Date Prepared: 02/21/05
Support Data: PR_GTFRL_HPGE_31cm_V3.xls;
PR_GTFRL_HPGE_31cm_V2.xls;
PR_GTFRL_HPGE_100cm_V2.xls



v:\2fm12\dgn\ppdd_005.dgn STATE PLANAR COORDINATE SYSTEM 1983 12-MAY-2005

FIGURE 2-8. PILOT PLANT DRAINAGE DITCH WITH ABOVE-FRL LOCATIONS IDENTIFIED

3.0 REMEDIAL ACTION APPROACH

This section of the Excavation Plan describes the technical approach to the remedial action for the PPDD and portions of Paddys Run stream corridor. For purposes of discussion in this section, remedial activities will be broken into the following activities: PPDD, Paddys Run Train Trestle, and Paddys Run West of Silo 1, Paddys Run Debris Removal (see Figures 1-1 and 1-2). 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 as needed to control access to each of the three work areas (see Drawing 99X-5500-G-00884). Fencing will not be installed across roadways and access drives. Rope gates will be strung across the roadways and access drives in place of construction safety fence, as needed to maintain personnel and equipment access.

3.1.2 Surveying and Site Layout

Excavation areas will be surveyed and staked to determine the limit of work, including limits of excavation and surface water control. Upon completion of remedial excavation, the area will be surveyed to determine final excavated volumes and for preparation of as-built drawings, as needed.

3.1.3 Clearing

Clearing operations will be required for most remedial actions covered by this excavation plan, to establish access to the work areas and to prepare the excavation areas for remediation.

Clearing operations required to establish access to the work areas will be performed in radiologically non-contaminated areas. Routes will be carefully chosen so as to reduce impact to larger mature trees. However, some larger trees may require removal for purposes of constructability.

Clearing operations required to prepare excavation areas for remediation will be performed in posted radiologically contaminated areas. Equipment will require decontamination upon exiting these excavation areas. Clearing within contamination areas will be performed significantly above-grade so that stumps,

root balls, and roots 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 be used as the primary means of runoff control from work areas outside the streambed and ditch. In addition to silt fence installed for excavation activities, silt fence may be installed on the downhill side of roads constructed to provide access to work area, if soil disturbance is required for road construction.

To control sediments within the PPDD excavation, a check dam will be constructed within the PPDD, down stream of excavation activities. Upon completion of excavation activities within the PPDD, the 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 within the excavation areas; however, there are overhead power lines crossing over haul routes. Safe work practices will be used when working near overhead utilities.

3.2 SOIL EXCAVATION AND IMPACTED MATERIAL REMOVAL

For purposes of discussion in this section, remedial activities will be broken into the following activities: PPDD, Paddys Run Train Trestle, Paddys Run West of Silo 1, and Paddys Run Debris Removal and total PPDD and Paddys Run excavation quantities are shown in Table 3-1. These activities are discussed in detail in the following sections.

3.2.1 Pilot Plant Drainage Ditch

Three areas have been identified in the PPDD requiring remedial excavation. All three areas contain contamination for total uranium, as detailed in Section 2. The worker protection and decontamination requirements will be those standard to working in uranium-contaminated areas. In addition to removal of contaminated soil, a walkdown will be performed in the ditch to identify debris that requires removal. Identified debris will be removed during the PPDD remediation effort.

The haul route from this activity will be different for each of the three excavation areas within the PPDD. The easternmost excavation area is easily accessible from the Impacted Material Haul Road. A temporary

access will be created from the Impacted Material Haul Road so that haul trucks can be loaded in close proximity to the Impacted Material Haul Road, for hauling to the OSDF.

The excavation in the central part of the PPDD, which varies in depth from 1 foot to 4 feet, is located immediately adjacent to the Silos Access Road, south of Silo 1. For this excavation, haul trucks will be staged on the Silos Access Road for direct loading and hauling to the OSDF via the Impacted Material Haul Road. An exclusion zone may be required where trucks would be loaded to minimize the potential spread of contaminated material. Trucks will be visually inspected prior to exiting the exclusion zone to ensure that no loose material remains on the exterior of the truck prior to leaving the exclusion zone.

The westernmost PPDD excavation is located immediately adjacent to the gravel road that runs between the Impacted Material Haul Road and the Silos Access Road, southwest of Silo 1. For this excavation area, haul trucks will be staged on the adjacent gravel road for direct loading and hauling to the OSDF via the Impacted Material Haul Road. As with the central excavation area, an exclusion zone may be utilized as necessary to control the spread of contaminated material during loading and hauling.

If above-WAC material is discovered in any of the three excavations, it will be loaded and hauled directly to an appropriate above-WAC staging area (currently Soil Stockpile 7). A water truck will be used to support dust control during loading and excavation, as required.

Upon completion of excavation activities, the check dam installed on the west side of the gravel road running between the Impacted Material Haul Road and the Silos Access Road to control sediments, along with the associated sediments, will be excavated, loaded and hauled to the OSDF.

Debris found during walkdown of the of PPDD will be taken to one of the three excavation areas for loading and hauling to the OSDF or above-WAC staging area, as appropriate.

3.2.2 Paddys Run Train Trestle

This remedial action involves excavation and disposal of man-made impacted material rather than excavation for contamination. Upon completion of rail shipping operations and removal of railcars from the FCP, the train trestle over Paddys Run near the northwest corner of the property will be dismantled for disposal in the OSDF. Prior to removal of the train trestle, a contractor will remove the rail from the train tracks for recycling. In addition to dismantling the train trestle, concrete debris will be removed from the surrounding area, including the stream bank and streambed. Concrete debris has been identified for removal from the area primarily to the north of the tracks, on or near Paddys Run stream bank (see

Drawing 99X-5500-G-00882). In addition, several large concrete slabs will be removed from underneath the train trestle, including two large slabs located directly below the trestle, within the streambed.

If radiologically contaminated soil or debris is located during removal of the train trestle or surrounding concrete rubble, it will be hauled directly to the OSDF or an appropriate above-WAC staging area (currently Soil Stockpile 7), in accordance with technical specification Section 02205. A water truck will be used to support dust control during loading and excavation, as required.

The haul route for this excavation will be that which was used during remediation of Area 1, Phase 3 activities, allowing construction equipment and haul trucks to access the work area without leaving the FCP property or traveling on public roads. Construction will access the streambed via the stream bank that was stabilized during Area 1, Phase III activities, which is the bank northeast of the train trestle. This area has already been cleared of trees, and the stream bank is less steep than in other locations in the vicinity of the work area.

3.2.3 Paddys Run West of Silo 1

An area of Paddys Run stream bank west of Silo 1 as been identified as requiring remedial excavation to remove soil contaminated with radium-226, as detailed in Section 2. The area is approximately 8 feet long by 8 feet wide by 1 foot deep, amounting to approximately 3 bank cubic yards of material.

Haul trucks will enter the excavation from the gravel road that runs between the Impacted Material Haul Road and the Silos Access Road, southwest of Silo 1. A new access road may be installed from this gravel road, which could be utilized in the future for excavation of riprap previously placed immediately west of Silos 1 and 2 to stabilize Paddys Run stream bank. Haul trucks will be loaded directly from the excavation for direct haul to the OSDF.

If above-WAC material is discovered, it will be loaded and 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.

3.2.4 Paddys Run Debris Removal

In addition to removal of contaminated soil, a walkdown will be performed in areas of Paddys Run stream corridor to identify man-made debris, which will be removed during this remediation effort.

3.3 PRECERTIFICATION/CERTIFICATION

After removal of at-and below-grade debris and impacted soil, precertification and real-time monitoring will be performed. A 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 PPDD 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.

TABLE 3-1
PPDD AND PADDYS RUN QUANTITIES

AREA	SUBAREA	TOTAL	CAT 1	CAT 2	ABOVE-WAC
PPDD	West Excavation	17	17	0	0
	Central Excavation	20	20	0	0
	East Excavation	4	4	0	0
subtotal		**37**	**37**	**0**	**0**
Paddy's Run Train Trestle		500		500	0
subtotal		**500**	**0**	**500**	**0**
Paddy's Run West of Silo 1		3	3	0	0
subtotal		**3**	**3**	**0**	**0**
Paddy's Run Debris Removal		100	0	100	0
subtotal		**100**	**0**	**100**	**0**
Totals		**640**	**40**	**600**	**0**

Notes:
1- All quantities are represented in bank cubic yards.
2- Quantities are based primarily on forecasts derived from take-offs and design calculations.

REFERENCES

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U.S. Department of Energy, 2005c, "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 FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
IEMP-D1	IEMP-D1^1-R	10-Dec-03	0	0.5	Radium-226	0.699	pCi/g	-	476900.019	1348333.63
IEMP-D1	IEMP-D1^1-R	10-Dec-03	0	0.5	Radium-228	0.482	pCi/g	-	476900.019	1348333.63
IEMP-D1	IEMP-D1^1-R	10-Dec-03	0	0.5	Thorium-228	0.495	pCi/g	-	476900.019	1348333.63
IEMP-D1	IEMP-D1^1-R	10-Dec-03	0	0.5	Thorium-230	15.8	pCi/g	U	476900.019	1348333.63
IEMP-D1	IEMP-D1^1-R	10-Dec-03	0	0.5	Thorium-232	0.482	pCi/g	-	476900.019	1348333.63
IEMP-D1	IEMP-D1^1-R	10-Dec-03	0	0.5	Uranium, Total	3.79	mg/kg	-	476900.019	1348333.63
IEMP-D2	IEMP-D2^1-R	10-Dec-03	0	0.5	Radium-226	0.73	pCi/g	-	476964.512	1348623.69
IEMP-D2	IEMP-D2^1-R	10-Dec-03	0	0.5	Radium-228	0.496	pCi/g	-	476964.512	1348623.69
IEMP-D2	IEMP-D2^1-R	10-Dec-03	0	0.5	Thorium-228	0.455	pCi/g	-	476964.512	1348623.69
IEMP-D2	IEMP-D2^1-R	10-Dec-03	0	0.5	Thorium-230	16	pCi/g	U	476964.512	1348623.69
IEMP-D2	IEMP-D2^1-R	10-Dec-03	0	0.5	Thorium-232	0.496	pCi/g	-	476964.512	1348623.69
IEMP-D2	IEMP-D2^1-R	10-Dec-03	0	0.5	Uranium, Total	9.28	mg/kg	-	476964.512	1348623.69
IEMP-D3	IEMP-D3^1-R	10-Dec-03	0	0.5	Radium-226	0.809	pCi/g	-	477221.423	1348844.36
IEMP-D3	IEMP-D3^1-R	10-Dec-03	0	0.5	Radium-228	0.39	pCi/g	-	477221.423	1348844.36
IEMP-D3	IEMP-D3^1-R	10-Dec-03	0	0.5	Thorium-228	0.376	pCi/g	-	477221.423	1348844.36
IEMP-D3	IEMP-D3^1-R	10-Dec-03	0	0.5	Thorium-230	14.1	pCi/g	U	477221.423	1348844.36
IEMP-D3	IEMP-D3^1-R	10-Dec-03	0	0.5	Thorium-232	0.39	pCi/g	-	477221.423	1348844.36
IEMP-D3	IEMP-D3^1-R	10-Dec-03	0	0.5	Uranium, Total	4.72	mg/kg	-	477221.423	1348844.36
IEMP-D4	IEMP-D4^1-R	10-Dec-03	0	0.5	Radium-226	0.712	pCi/g	-	477425.237	1348730.31
IEMP-D4	IEMP-D4^1-R	10-Dec-03	0	0.5	Radium-228	0.437	pCi/g	-	477425.237	1348730.31
IEMP-D4	IEMP-D4^1-R	10-Dec-03	0	0.5	Thorium-228	0.451	pCi/g	-	477425.237	1348730.31
IEMP-D4	IEMP-D4^1-R	10-Dec-03	0	0.5	Thorium-230	14.5	pCi/g	U	477425.237	1348730.31
IEMP-D4	IEMP-D4^1-R	10-Dec-03	0	0.5	Thorium-232	0.437	pCi/g	-	477425.237	1348730.31
IEMP-D4	IEMP-D4^1-R	10-Dec-03	0	0.5	Uranium, Total	2.47	mg/kg	U	477425.237	1348730.31
IEMP-D5	IEMP-D5^1-R	10-Dec-03	0	0.5	Radium-226	0.729	pCi/g	-	477597.352	1349027.7
IEMP-D5	IEMP-D5^1-R	10-Dec-03	0	0.5	Radium-228	0.34	pCi/g	-	477597.352	1349027.7
IEMP-D5	IEMP-D5^1-R	10-Dec-03	0	0.5	Thorium-228	0.342	pCi/g	-	477597.352	1349027.7
IEMP-D5	IEMP-D5^1-R	10-Dec-03	0	0.5	Thorium-230	13.7	pCi/g	U	477597.352	1349027.7
IEMP-D5	IEMP-D5^1-R	10-Dec-03	0	0.5	Thorium-232	0.34	pCi/g	-	477597.352	1349027.7
IEMP-D5	IEMP-D5^1-R	10-Dec-03	0	0.5	Uranium, Total	2.35	mg/kg	U	477597.352	1349027.7
IEMP-G2	IEMP-G2^1-U	12-Dec-03	0	0.5	Uranium, Total	1.7	mg/kg	U	NA (Offsite)	NA (Offsite)
IEMP-G4	IEMP-G4^1-U	12-Dec-03	0	0.5	Uranium, Total	2.81	mg/kg	-	NA (Offsite)	NA (Offsite)
IEMP-P1	IEMP-P1^1-R	12-Dec-03	0	0.5	Radium-226	0.717	pCi/g	-	NA (Offsite)	NA (Offsite)
IEMP-P1	IEMP-P1^1-R	12-Dec-03	0	0.5	Radium-228	0.437	pCi/g	-	NA (Offsite)	NA (Offsite)
IEMP-P1	IEMP-P1^1-R	12-Dec-03	0	0.5	Thorium-228	0.416	pCi/g	-	NA (Offsite)	NA (Offsite)
IEMP-P1	IEMP-P1^1-R	12-Dec-03	0	0.5	Thorium-230	14.9	pCi/g	U	NA (Offsite)	NA (Offsite)
IEMP-P1	IEMP-P1^1-R	12-Dec-03	0	0.5	Thorium-232	0.437	pCi/g	-	NA (Offsite)	NA (Offsite)

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
IEMP-P1	IEMP-P1^1-R	12-Dec-03	0	0.5	Uranium, Total	2.43	mg/kg	-	NA (Offsite)	NA (Offsite)
IEMP-PN1	IEMP-PN1^1-R	9-Dec-03	0	0.5	Radium-226	0.871	pCi/g	-	476732.896	1348125.89
IEMP-PN1	IEMP-PN1^1-R	9-Dec-03	0	0.5	Radium-228	0.545	pCi/g	-	476732.896	1348125.89
IEMP-PN1	IEMP-PN1^1-R	9-Dec-03	0	0.5	Thorium-228	0.579	pCi/g	-	476732.896	1348125.89
IEMP-PN1	IEMP-PN1^1-R	9-Dec-03	0	0.5	Thorium-230	13.6	pCi/g	-	476732.896	1348125.89
IEMP-PN1	IEMP-PN1^1-R	9-Dec-03	0	0.5	Thorium-232	0.545	pCi/g	-	476732.896	1348125.89
IEMP-PN1	IEMP-PN1^1-R	9-Dec-03	0	0.5	Uranium, Total	4.86	mg/kg	-	476732.896	1348125.89
IEMP-PN2	IEMP-PN2^1-R	9-Dec-03	0	0.5	Radium-226	0.716	pCi/g	-	477372.42	1347283.61
IEMP-PN2	IEMP-PN2^1-R	9-Dec-03	0	0.5	Radium-228	0.433	pCi/g	-	477372.42	1347283.61
IEMP-PN2	IEMP-PN2^1-R	9-Dec-03	0	0.5	Thorium-228	0.442	pCi/g	-	477372.42	1347283.61
IEMP-PN2	IEMP-PN2^1-R	9-Dec-03	0	0.5	Thorium-230	7.21	pCi/g	U	477372.42	1347283.61
IEMP-PN2	IEMP-PN2^1-R	9-Dec-03	0	0.5	Thorium-232	0.433	pCi/g	-	477372.42	1347283.61
IEMP-PN2	IEMP-PN2^1-R	9-Dec-03	0	0.5	Uranium, Total	2.89	mg/kg	-	477372.42	1347283.61
IEMP-PN3	IEMP-PN3^1-R	9-Dec-03	0	0.5	Radium-226	0.666	pCi/g	-	479873.25	1346566.73
IEMP-PN3	IEMP-PN3^1-R	9-Dec-03	0	0.5	Radium-228	0.416	pCi/g	-	479873.25	1346566.73
IEMP-PN3	IEMP-PN3^1-R	9-Dec-03	0	0.5	Thorium-228	0.446	pCi/g	-	479873.25	1346566.73
IEMP-PN3	IEMP-PN3^1-R	9-Dec-03	0	0.5	Thorium-230	6.94	pCi/g	U	479873.25	1346566.73
IEMP-PN3	IEMP-PN3^1-R	9-Dec-03	0	0.5	Thorium-232	0.416	pCi/g	-	479873.25	1346566.73
IEMP-PN3	IEMP-PN3^1-R	9-Dec-03	0	0.5	Uranium, Total	2.46	mg/kg	-	479873.25	1346566.73
IEMP-PN4	IEMP-PN4^1-R	9-Dec-03	0	0.5	Radium-226	0.723	pCi/g	-	480733.513	1346657.99
IEMP-PN4	IEMP-PN4^1-R	9-Dec-03	0	0.5	Radium-228	0.538	pCi/g	-	480733.513	1346657.99
IEMP-PN4	IEMP-PN4^1-R	9-Dec-03	0	0.5	Thorium-228	0.565	pCi/g	-	480733.513	1346657.99
IEMP-PN4	IEMP-PN4^1-R	9-Dec-03	0	0.5	Thorium-230	7.01	pCi/g	-	480733.513	1346657.99
IEMP-PN4	IEMP-PN4^1-R	9-Dec-03	0	0.5	Thorium-232	0.538	pCi/g	-	480733.513	1346657.99
IEMP-PN4	IEMP-PN4^1-R	9-Dec-03	0	0.5	Uranium, Total	4.28	mg/kg	-	480733.513	1346657.99
IEMP-PN4	IEMP-PN4^1-R-D	9-Dec-03	0	0.5	Radium-226	0.713	pCi/g	-	480733.513	1346657.99
IEMP-PN4	IEMP-PN4^1-R-D	9-Dec-03	0	0.5	Radium-228	0.602	pCi/g	-	480733.513	1346657.99
IEMP-PN4	IEMP-PN4^1-R-D	9-Dec-03	0	0.5	Thorium-228	0.62	pCi/g	-	480733.513	1346657.99
IEMP-PN4	IEMP-PN4^1-R-D	9-Dec-03	0	0.5	Thorium-230	10.2	pCi/g	U	480733.513	1346657.99
IEMP-PN4	IEMP-PN4^1-R-D	9-Dec-03	0	0.5	Thorium-232	0.602	pCi/g	-	480733.513	1346657.99
IEMP-PN4	IEMP-PN4^1-R-D	9-Dec-03	0	0.5	Uranium, Total	4.15	mg/kg	-	480733.513	1346657.99
IEMP-PN5	IEMP-PN5^1-R	9-Dec-03	0	0.5	Radium-226	0.481	pCi/g	-	482154.041	1346088.08
IEMP-PN5	IEMP-PN5^1-R	9-Dec-03	0	0.5	Radium-228	0.43	pCi/g	-	482154.041	1346088.08
IEMP-PN5	IEMP-PN5^1-R	9-Dec-03	0	0.5	Thorium-228	0.428	pCi/g	-	482154.041	1346088.08
IEMP-PN5	IEMP-PN5^1-R	9-Dec-03	0	0.5	Thorium-230	11.6	pCi/g	U	482154.041	1346088.08
IEMP-PN5	IEMP-PN5^1-R	9-Dec-03	0	0.5	Thorium-232	0.43	pCi/g	-	482154.041	1346088.08
IEMP-PN5	IEMP-PN5^1-R	9-Dec-03	0	0.5	Uranium, Total	3.76	mg/kg	-	482154.041	1346088.08

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
IEMP-PS1	IEMP-PS1^1-R	12-Dec-03	0	0.5	Radium-226	0.677	pCi/g	-	476606.098	1348139.23
IEMP-PS1	IEMP-PS1^1-R	12-Dec-03	0	0.5	Radium-228	0.513	pCi/g	-	476606.098	1348139.23
IEMP-PS1	IEMP-PS1^1-R	12-Dec-03	0	0.5	Thorium-228	0.519	pCi/g	-	476606.098	1348139.23
IEMP-PS1	IEMP-PS1^1-R	12-Dec-03	0	0.5	Thorium-230	16.2	pCi/g	U	476606.098	1348139.23
IEMP-PS1	IEMP-PS1^1-R	12-Dec-03	0	0.5	Thorium-232	0.513	pCi/g	-	476606.098	1348139.23
IEMP-PS1	IEMP-PS1^1-R	12-Dec-03	0	0.5	Uranium, Total	2.84	mg/kg	U	476606.098	1348139.23
IEMP-PS2	IEMP-PS2^1-R	12-Dec-03	0	0.5	Radium-226	0.65	pCi/g	-	476271.438	1347826.84
IEMP-PS2	IEMP-PS2^1-R	12-Dec-03	0	0.5	Radium-228	0.327	pCi/g	-	476271.438	1347826.84
IEMP-PS2	IEMP-PS2^1-R	12-Dec-03	0	0.5	Thorium-228	0.316	pCi/g	-	476271.438	1347826.84
IEMP-PS2	IEMP-PS2^1-R	12-Dec-03	0	0.5	Thorium-230	15.3	pCi/g	U	476271.438	1347826.84
IEMP-PS2	IEMP-PS2^1-R	12-Dec-03	0	0.5	Thorium-232	0.327	pCi/g	-	476271.438	1347826.84
IEMP-PS2	IEMP-PS2^1-R	12-Dec-03	0	0.5	Uranium, Total	2.51	mg/kg	U	476271.438	1347826.84
IEMP-PS3	IEMP-PS3^1-R	12-Dec-03	0	0.5	Radium-226	0.61	pCi/g	-	NA (Offsite)	NA (Offsite)
IEMP-PS3	IEMP-PS3^1-R	12-Dec-03	0	0.5	Radium-228	0.402	pCi/g	-	NA (Offsite)	NA (Offsite)
IEMP-PS3	IEMP-PS3^1-R	12-Dec-03	0	0.5	Thorium-228	0.401	pCi/g	-	NA (Offsite)	NA (Offsite)
IEMP-PS3	IEMP-PS3^1-R	12-Dec-03	0	0.5	Thorium-230	14.7	pCi/g	U	NA (Offsite)	NA (Offsite)
IEMP-PS3	IEMP-PS3^1-R	12-Dec-03	0	0.5	Thorium-232	0.402	pCi/g	-	NA (Offsite)	NA (Offsite)
IEMP-PS3	IEMP-PS3^1-R	12-Dec-03	0	0.5	Uranium, Total	2.65	mg/kg	U	NA (Offsite)	NA (Offsite)
OPR-1	OPR-1^1-L	15-Apr-04	0	0.5	1,1-Dichloroethene	1.23	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^1-L	15-Apr-04	0	0.5	Bromodichloromethane	1.23	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^1-L	15-Apr-04	0	0.5	Tetrachloroethene	1.23	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^1-L	15-Apr-04	0	0.5	Trichloroethene	1.23	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Fluoride	2.2	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Antimony	0.578	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Arsenic	7.77	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Beryllium	0.642	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Cadmium	0.0614	mg/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Lead	33.4	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Manganese	448	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Molybdenum	1.53	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Silver	0.116	mg/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Aroclor-1254	4.28	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Aroclor-1260	1.5	ug/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Dieldrin	0.381	ug/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Cesium-137	0.291	pCi/g	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Radium-226	1.07	pCi/g	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Radium-228	0.947	pCi/g	NV	479855.11	1346066.184

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Technetium-99	1.14	pCi/g	UNV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Thorium-228	0.975	pCi/g	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Thorium-230	11.2	pCi/g	UNV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Thorium-232	0.947	pCi/g	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Uranium, Total	18	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Benzo(a)anthracene	0.0249	ug/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Benzo(a)pyrene	0.0428	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Benzo(b)fluoranthene	0.0427	ug/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Benzo(g,h,i)perylene	0.0428	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Benzo(k)fluoranthene	0.0428	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Chrysene	0.0276	ug/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Dibenzo(a,h)anthracene	0.0214	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Fluoranthene	0.0555	ug/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0428	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Phenanthrene	0.0304	ug/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^1-RMPS	15-Apr-04	0	0.5	Pyrene	0.0491	ug/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^2-L	15-Apr-04	0.5	1	1,1-Dichloroethene	1.21	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-L	15-Apr-04	0.5	1	Bromodichloromethane	1.21	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-L	15-Apr-04	0.5	1	Tetrachloroethene	1.21	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-L	15-Apr-04	0.5	1	Trichloroethene	1.21	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Fluoride	4.83	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Antimony	0.424	mg/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Arsenic	8.61	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Beryllium	0.48	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Cadmium	0.0591	mg/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Lead	17.3	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Manganese	250	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Molybdenum	1.37	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Silver	0.111	mg/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Aroclor-1254	4.17	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Aroclor-1260	4.17	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Dieldrin	1.67	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Cesium-137	0.0384	pCi/g	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Radium-226	1.04	pCi/g	NV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Radium-228	1.08	pCi/g	NV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Technetium-99	1.05	pCi/g	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Thorium-228	1.08	pCi/g	NV	479855.11	1346066.184

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Thorium-230	14.9	pCi/g	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Thorium-232	1.08	pCi/g	NV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Uranium, Total	6.45	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Benzo(a)anthracene	0.0417	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Benzo(a)pyrene	0.0417	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Benzo(b)fluoranthene	0.0417	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Benzo(g,h,i)perylene	0.0417	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Benzo(k)fluoranthene	0.0417	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Chrysene	0.0417	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Dibenzo(a,h)anthracene	0.0208	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Fluoranthene	0.0417	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.0417	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Phenanthrene	0.0417	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^2-RMPS	15-Apr-04	0.5	1	Pyrene	0.0417	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-L	15-Apr-04	1	1.5	1,1-Dichloroethene	1.22	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-L	15-Apr-04	1	1.5	Bromodichloromethane	1.22	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-L	15-Apr-04	1	1.5	Tetrachloroethene	1.22	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-L	15-Apr-04	1	1.5	Trichloroethene	1.22	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Fluoride	3.48	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Antimony	0.423	mg/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Arsenic	11.2	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Beryllium	0.692	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Cadmium	0.0589	mg/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Lead	22.7	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Manganese	278	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Molybdenum	2.08	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Silver	0.111	mg/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Aroclor-1254	4.18	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Aroclor-1260	4.18	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Dieldrin	1.67	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Cesium-137	0.0502	pCi/g	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Radium-226	1.42	pCi/g	NV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Radium-228	1.27	pCi/g	NV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Technetium-99	1.13	pCi/g	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Thorium-228	1.27	pCi/g	NV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Thorium-230	6.65	pCi/g	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Thorium-232	1.27	pCi/g	NV	479855.11	1346066.184

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Uranium, Total	5.22	mg/kg	NV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Benzo(a)anthracene	0.0418	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Benzo(a)pyrene	0.0418	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Benzo(b)fluoranthene	0.0418	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Benzo(g,h,i)perylene	0.0418	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Benzo(k)fluoranthene	0.0418	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Chrysene	0.0418	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Dibenzo(a,h)anthracene	0.0209	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Fluoranthene	0.0418	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.0418	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Phenanthrene	0.0418	ug/kg	UNV	479855.11	1346066.184
OPR-1	OPR-1^3-RMPS	15-Apr-04	1	1.5	Pyrene	0.0418	ug/kg	UNV	479855.11	1346066.184
OPR-10	OPR-10^1-L	15-Apr-04	0	0.5	1,1-Dichloroethene	1.2	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-L	15-Apr-04	0	0.5	Bromodichloromethane	1.2	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-L	15-Apr-04	0	0.5	Tetrachloroethene	1.2	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-L	15-Apr-04	0	0.5	Trichloroethene	1.2	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Fluoride	0.92	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Antimony	0.6	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Arsenic	6.35	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Beryllium	0.548	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Cadmium	0.0602	mg/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Lead	12.5	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Manganese	617	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Molybdenum	1.56	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Silver	0.238	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Aroclor-1254	1.4	ug/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Aroclor-1260	4.2	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Dieldrin	1.18	ug/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Cesium-137	0.116	pCi/g	NV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Radium-226	0.917	pCi/g	NV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Radium-228	0.79	pCi/g	NV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Technetium-99	1.63	pCi/g	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Thorium-228	0.79	pCi/g	NV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Thorium-230	6.51	pCi/g	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Thorium-232	0.79	pCi/g	NV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Uranium, Total	4.1	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Benzo(a)anthracene	0.042	ug/kg	UNV	479246.383	1346326.891

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Benzo(a)pyrene	0.042	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Benzo(b)fluoranthene	0.042	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Benzo(g,h,i)perylene	0.042	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Benzo(k)fluoranthene	0.042	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Chrysene	0.042	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Dibenzo(a,h)anthracene	0.021	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Fluoranthene	0.042	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.042	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Phenanthrene	0.042	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^1-RMPS	15-Apr-04	0	0.5	Pyrene	0.042	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-L	15-Apr-04	0.5	1	1,1-Dichloroethene	1.11	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-L	15-Apr-04	0.5	1	Bromodichloromethane	1.11	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-L	15-Apr-04	0.5	1	Tetrachloroethene	1.11	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-L	15-Apr-04	0.5	1	Trichloroethene	1.11	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Fluoride	1.2	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Antimony	0.7	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Arsenic	12.5	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Beryllium	0.471	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Cadmium	0.0549	mg/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Lead	9.8	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Manganese	814	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Molybdenum	2.44	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Silver	0.466	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Aroclor-1254	3.83	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Aroclor-1260	3.83	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Dieldrin	0.45	ug/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Cesium-137	0.0502	pCi/g	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Radium-226	0.831	pCi/g	NV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Radium-228	0.485	pCi/g	NV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Technetium-99	1.38	pCi/g	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Thorium-228	0.506	pCi/g	NV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Thorium-230	5.65	pCi/g	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Thorium-232	0.485	pCi/g	NV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Uranium, Total	2.96	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Benzo(a)anthracene	0.0383	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Benzo(a)pyrene	0.0383	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Benzo(b)fluoranthene	0.0383	ug/kg	UNV	479246.383	1346326.891

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Benzo(g,h,i)perylene	0.0383	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Benzo(k)fluoranthene	0.0383	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Chrysene	0.0383	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Dibenzo(a,h)anthracene	0.0191	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Fluoranthene	0.0383	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.0383	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Phenanthrene	0.0383	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^2-RMPS	15-Apr-04	0.5	1	Pyrene	0.0383	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-L	15-Apr-04	1	1.5	1,1-Dichloroethene	1.12	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-L	15-Apr-04	1	1.5	Bromodichloromethane	1.12	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-L	15-Apr-04	1	1.5	Tetrachloroethene	1.12	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-L	15-Apr-04	1	1.5	Trichloroethene	1.12	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Fluoride	0.931	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Antimony	2.31	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Arsenic	5.82	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Beryllium	0.343	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Cadmium	0.0543	mg/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Lead	7.25	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Manganese	993	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Molybdenum	1.86	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Silver	0.828	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Aroclor-1254	3.78	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Aroclor-1260	3.78	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Dieldrin	1.51	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Cesium-137	0.0182	pCi/g	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Radium-226	0.999	pCi/g	NV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Radium-228	0.384	pCi/g	NV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Technetium-99	1.39	pCi/g	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Thorium-228	0.39	pCi/g	NV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Thorium-230	4.99	pCi/g	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Thorium-232	0.384	pCi/g	NV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Uranium, Total	1.63	mg/kg	NV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Benzo(a)anthracene	0.0378	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Benzo(a)pyrene	0.0378	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Benzo(b)fluoranthene	0.0378	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Benzo(g,h,i)perylene	0.0378	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Benzo(k)fluoranthene	0.0378	ug/kg	UNV	479246.383	1346326.891

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Chrysene	0.0378	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Dibenzo(a,h)anthracene	0.0189	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Fluoranthene	0.0378	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.0378	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Phenanthrene	0.0378	ug/kg	UNV	479246.383	1346326.891
OPR-10	OPR-10^3-RMPS	15-Apr-04	1	1.5	Pyrene	0.0378	ug/kg	UNV	479246.383	1346326.891
OPR-11	OPR-11^1-L	14-Apr-04	0	0.5	1,1-Dichloroethene	1.24	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^1-L	14-Apr-04	0	0.5	Bromodichloromethane	1.24	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^1-L	14-Apr-04	0	0.5	Tetrachloroethene	1.24	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^1-L	14-Apr-04	0	0.5	Trichloroethene	1.24	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Fluoride	0.725	mg/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Antimony	0.773	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Arsenic	5.91	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Beryllium	0.708	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Cadmium	0.0622	mg/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Lead	16.8	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Manganese	703	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Molybdenum	1.42	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Silver	0.12	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Aroclor-1254	4.6	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Aroclor-1260	3.9	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Dieldrin	0.565	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Cesium-137	0.442	pCi/g	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Radium-226	1.06	pCi/g	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Radium-228	0.923	pCi/g	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Technetium-99	1	pCi/g	UNV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Thorium-228	0.928	pCi/g	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Thorium-230	7.6	pCi/g	UNV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Thorium-232	0.923	pCi/g	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Uranium, Total	18.2	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Benzo(a)anthracene	0.0826	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Benzo(a)pyrene	0.0791	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Benzo(b)fluoranthene	0.134	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Benzo(g,h,i)perylene	0.0591	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Benzo(k)fluoranthene	0.0437	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Chrysene	0.0917	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Dibenzo(a,h)anthracene	0.0219	ug/kg	UNV	479197.82	1346491.243

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Fluoranthene	0.192	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.198	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Phenanthrene	0.0943	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^1-RMPS	14-Apr-04	0	0.5	Pyrene	0.158	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-L	14-Apr-04	0.5	1	1,1-Dichloroethene	1.17	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^2-L	14-Apr-04	0.5	1	Bromodichloromethane	1.17	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^2-L	14-Apr-04	0.5	1	Tetrachloroethene	1.17	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^2-L	14-Apr-04	0.5	1	Trichloroethene	1.17	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Fluoride	1.84	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Antimony	0.431	mg/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Arsenic	5.45	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Beryllium	0.652	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Cadmium	0.06	mg/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Lead	14	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Manganese	687	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Molybdenum	1.36	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Silver	0.131	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Aroclor-1254	3.8	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Aroclor-1260	2.3	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Dieldrin	0.368	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Cesium-137	0.0704	pCi/g	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Radium-226	0.886	pCi/g	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Radium-228	0.914	pCi/g	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Technetium-99	0.95	pCi/g	UNV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Thorium-228	0.918	pCi/g	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Thorium-230	7.17	pCi/g	UNV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Thorium-232	0.914	pCi/g	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Uranium, Total	12.7	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Benzo(a)anthracene	0.0244	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Benzo(a)pyrene	0.0418	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Benzo(b)fluoranthene	0.0322	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Benzo(g,h,i)perylene	0.0418	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Benzo(k)fluoranthene	0.0418	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Chrysene	0.0229	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Dibenzo(a,h)anthracene	0.0209	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Fluoranthene	0.0493	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.157	ug/kg	NV	479197.82	1346491.243

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Phenanthrene	0.0254	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^2-RMPS	14-Apr-04	0.5	1	Pyrene	0.0357	ug/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^3-L	14-Apr-04	1	1.5	1,1-Dichloroethene	1.18	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-L	14-Apr-04	1	1.5	Bromodichloromethane	1.18	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-L	14-Apr-04	1	1.5	Tetrachloroethene	1.18	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-L	14-Apr-04	1	1.5	Trichloroethene	1.18	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Fluoride	2.53	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Antimony	0.547	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Arsenic	5.5	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Beryllium	0.622	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Cadmium	0.057	mg/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Lead	11.8	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Manganese	668	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Molybdenum	1.3	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Silver	0.108	mg/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Aroclor-1254	4.05	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Aroclor-1260	4.05	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Dieldrin	1.62	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Cesium-137	0.0271	pCi/g	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Radium-226	0.862	pCi/g	NV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Radium-228	0.835	pCi/g	NV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Technetium-99	1.23	pCi/g	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Thorium-228	0.838	pCi/g	NV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Thorium-230	8.31	pCi/g	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Thorium-232	0.835	pCi/g	NV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Uranium, Total	6.68	mg/kg	NV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Benzo(a)anthracene	0.0405	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Benzo(a)pyrene	0.0405	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Benzo(b)fluoranthene	0.0405	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Benzo(g,h,i)perylene	0.0405	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Benzo(k)fluoranthene	0.0405	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Chrysene	0.0405	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Dibenzo(a,h)anthracene	0.0203	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Fluoranthene	0.0405	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.0405	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Phenanthrene	0.0405	ug/kg	UNV	479197.82	1346491.243
OPR-11	OPR-11^3-RMPS	14-Apr-04	1	1.5	Pyrene	0.0405	ug/kg	UNV	479197.82	1346491.243

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-2	OPR-2^1-L	15-Apr-04	0	0.5	1,1-Dichloroethene	1.27	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-L	15-Apr-04	0	0.5	Bromodichloromethane	1.27	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-L	15-Apr-04	0	0.5	Tetrachloroethene	1.27	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-L	15-Apr-04	0	0.5	Trichloroethene	1.27	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Fluoride	0.969	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Antimony	0.875	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Arsenic	5.04	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Beryllium	0.488	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Cadmium	0.0614	mg/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Lead	10.8	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Manganese	509	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Molybdenum	1.48	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Silver	0.148	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Aroclor-1254	4.28	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Aroclor-1260	4.28	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Dieldrin	0.969	ug/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Cesium-137	0.0578	pCi/g	NV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Radium-226	0.785	pCi/g	NV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Radium-228	0.649	pCi/g	NV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Technetium-99	1.37	pCi/g	NV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Thorium-228	0.634	pCi/g	NV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Thorium-230	8.64	pCi/g	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Thorium-232	0.649	pCi/g	NV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Uranium, Total	4.69	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Benzo(a)anthracene	0.0428	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Benzo(a)pyrene	0.0428	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Benzo(b)fluoranthene	0.0428	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Benzo(g,h,i)perylene	0.0428	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Benzo(k)fluoranthene	0.0428	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Chrysene	0.0428	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Dibenzo(a,h)anthracene	0.0214	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Fluoranthene	0.0428	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0428	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Phenanthrene	0.0428	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^1-RMPS	15-Apr-04	0	0.5	Pyrene	0.0428	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-L	15-Apr-04	0.5	1	1,1-Dichloroethene	1.25	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-L	15-Apr-04	0.5	1	Bromodichloromethane	1.25	ug/kg	UNV	479848.504	1346162.287

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-2	OPR-2^2-L	15-Apr-04	0.5	1	Tetrachloroethene	1.25	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-L	15-Apr-04	0.5	1	Trichloroethene	1.25	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Fluoride	1.09	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Antimony	0.417	mg/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Arsenic	4.47	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Beryllium	0.446	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Cadmium	0.0581	mg/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Lead	9.45	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Manganese	443	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Molybdenum	1.3	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Silver	0.201	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Aroclor-1254	4.06	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Aroclor-1260	1.7	ug/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Dieldrin	1.55	ug/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Cesium-137	0.0541	pCi/g	NV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Radium-226	0.877	pCi/g	NV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Radium-228	0.572	pCi/g	NV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Technetium-99	0.911	pCi/g	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Thorium-228	0.647	pCi/g	NV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Thorium-230	6.86	pCi/g	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Thorium-232	0.572	pCi/g	NV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Uranium, Total	1.15	mg/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Benzo(a)anthracene	0.0406	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Benzo(a)pyrene	0.0406	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Benzo(b)fluoranthene	0.0406	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Benzo(g,h,i)perylene	0.0406	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Benzo(k)fluoranthene	0.0406	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Chrysene	0.0406	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Dibenzo(a,h)anthracene	0.0203	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Fluoranthene	0.0205	ug/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.0406	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Phenanthrene	0.0406	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^2-RMPS	15-Apr-04	0.5	1	Pyrene	0.0406	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-L	15-Apr-04	1	1.5	1,1-Dichloroethene	1.26	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-L	15-Apr-04	1	1.5	Bromodichloromethane	1.26	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-L	15-Apr-04	1	1.5	Tetrachloroethene	1.26	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-L	15-Apr-04	1	1.5	Trichloroethene	1.26	ug/kg	UNV	479848.504	1346162.287

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Fluoride	1.13	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Antimony	0.529	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Arsenic	4.3	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Beryllium	0.524	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Cadmium	0.0595	mg/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Lead	11.4	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Manganese	354	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Molybdenum	1.28	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Silver	0.112	mg/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Aroclor-1254	1.8	ug/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Aroclor-1260	4.19	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Dieldrin	4.45	ug/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Cesium-137	0.0796	pCi/g	NV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Radium-226	0.705	pCi/g	NV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Radium-228	0.658	pCi/g	NV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Technetium-99	0.991	pCi/g	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Thorium-228	0.676	pCi/g	NV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Thorium-230	8.23	pCi/g	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Thorium-232	0.658	pCi/g	NV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Uranium, Total	3.62	mg/kg	NV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Benzo(a)anthracene	0.0419	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Benzo(a)pyrene	0.0419	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Benzo(b)fluoranthene	0.0419	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Benzo(g,h,i)perylene	0.0419	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Benzo(k)fluoranthene	0.0419	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Chrysene	0.0419	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Dibenzo(a,h)anthracene	0.0209	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Fluoranthene	0.0419	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.0419	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Phenanthrene	0.0419	ug/kg	UNV	479848.504	1346162.287
OPR-2	OPR-2^3-RMPS	15-Apr-04	1	1.5	Pyrene	0.0419	ug/kg	UNV	479848.504	1346162.287
OPR-3	OPR-3^1-L	15-Apr-04	0	0.5	1,1-Dichloroethene	1.17	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^1-L	15-Apr-04	0	0.5	Bromodichloromethane	1.17	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^1-L	15-Apr-04	0	0.5	Tetrachloroethene	1.17	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^1-L	15-Apr-04	0	0.5	Trichloroethene	1.17	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Fluoride	0.934	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Antimony	0.407	mg/kg	UNV	479866.413	1346267.142

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Arsenic	7.11	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Beryllium	0.393	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Cadmium	0.0567	mg/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Lead	10.4	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Manganese	742	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Molybdenum	1.46	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Silver	0.419	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Aroclor-1254	2	ug/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Aroclor-1260	1.4	ug/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Dieldrin	7.9	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Cesium-137	0.0189	pCi/g	UNV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Radium-226	0.757	pCi/g	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Radium-228	0.789	pCi/g	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Technetium-99	1.06	pCi/g	UNV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Thorium-228	0.791	pCi/g	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Thorium-230	5.33	pCi/g	UNV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Thorium-232	0.789	pCi/g	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Uranium, Total	7.88	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Benzo(a)anthracene	0.0669	ug/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Benzo(a)pyrene	0.0396	ug/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Benzo(b)fluoranthene	0.067	ug/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Benzo(g,h,i)perylene	0.0395	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Benzo(k)fluoranthene	0.0395	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Chrysene	0.0512	ug/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Dibenzo(a,h)anthracene	0.0198	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Fluoranthene	0.134	ug/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0395	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Phenanthrene	0.0859	ug/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^1-RMPS	15-Apr-04	0	0.5	Pyrene	0.112	ug/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^2-L	15-Apr-04	0.5	1	1,1-Dichloroethene	1.09	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-L	15-Apr-04	0.5	1	Bromodichloromethane	1.09	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-L	15-Apr-04	0.5	1	Tetrachloroethene	1.09	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-L	15-Apr-04	0.5	1	Trichloroethene	1.09	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Fluoride	2.94	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Antimony	0.377	mg/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Arsenic	7.47	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Beryllium	0.418	mg/kg	NV	479866.413	1346267.142

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Cadmium	0.0525	mg/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Lead	13.8	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Manganese	644	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Molybdenum	1.49	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Silver	0.292	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Aroclor-1254	3.66	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Aroclor-1260	3.66	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Dieldrin	1.46	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Cesium-137	0.0196	pCi/g	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Radium-226	0.702	pCi/g	NV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Radium-228	0.527	pCi/g	NV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Technetium-99	1.12	pCi/g	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Thorium-228	0.527	pCi/g	NV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Thorium-230	2.55	pCi/g	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Thorium-232	0.527	pCi/g	NV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Uranium, Total	3.89	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Benzo(a)anthracene	0.0366	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Benzo(a)pyrene	0.0366	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Benzo(b)fluoranthene	0.0366	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Benzo(g,h,i)perylene	0.0366	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Benzo(k)fluoranthene	0.0366	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Chrysene	0.0366	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Dibenzo(a,h)anthracene	0.0183	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Fluoranthene	0.0366	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.0366	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Phenanthrene	0.0366	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^2-RMPS	15-Apr-04	0.5	1	Pyrene	0.0366	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-L	15-Apr-04	1	1.5	1,1-Dichloroethene	1.07	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-L	15-Apr-04	1	1.5	Bromodichloromethane	1.07	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-L	15-Apr-04	1	1.5	Tetrachloroethene	1.07	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-L	15-Apr-04	1	1.5	Trichloroethene	1.07	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Fluoride	3.32	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Antimony	0.74	mg/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Arsenic	6.94	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Beryllium	0.273	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Cadmium	0.0515	mg/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Lead	8.41	mg/kg	NV	479866.413	1346267.142

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Manganese	700	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Molybdenum	2.1	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Silver	0.35	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Aroclor-1254	3.63	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Aroclor-1260	3.63	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Dieldrin	1.45	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Cesium-137	0.013	pCi/g	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Radium-226	0.624	pCi/g	NV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Radium-228	0.441	pCi/g	NV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Technetium-99	1.14	pCi/g	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Thorium-228	0.46	pCi/g	NV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Thorium-230	4.94	pCi/g	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Thorium-232	0.441	pCi/g	NV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Uranium, Total	2.33	mg/kg	NV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Benzo(a)anthracene	0.0363	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Benzo(a)pyrene	0.0363	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Benzo(b)fluoranthene	0.0363	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Benzo(g,h,i)perylene	0.0363	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Benzo(k)fluoranthene	0.0363	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Chrysene	0.0363	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Dibenzo(a,h)anthracene	0.0181	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Fluoranthene	0.0363	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.0363	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Phenanthrene	0.0363	ug/kg	UNV	479866.413	1346267.142
OPR-3	OPR-3^3-RMPS	15-Apr-04	1	1.5	Pyrene	0.0363	ug/kg	UNV	479866.413	1346267.142
OPR-4	OPR-4^1-L	15-Apr-04	0	0.5	1,1-Dichloroethene	1.03	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-L	15-Apr-04	0	0.5	Bromodichloromethane	1.03	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-L	15-Apr-04	0	0.5	Tetrachloroethene	1.03	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-L	15-Apr-04	0	0.5	Trichloroethene	1.03	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Fluoride	1.17	mg/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Antimony	0.405	mg/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Arsenic	7.03	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Beryllium	0.417	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Cadmium	0.0564	mg/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Lead	10.2	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Manganese	637	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Molybdenum	1.62	mg/kg	NV	479915.617	1346469.91

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Silver	0.247	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Aroclor-1254	1.4	ug/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Aroclor-1260	1.3	ug/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Dieldrin	0.483	ug/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Cesium-137	0.0516	pCi/g	NV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Radium-226	1.04	pCi/g	NV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Radium-228	0.56	pCi/g	NV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Technetium-99	1.01	pCi/g	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Thorium-228	0.646	pCi/g	NV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Thorium-230	4.6	pCi/g	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Thorium-232	0.56	pCi/g	NV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Uranium, Total	4.88	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Benzo(a)anthracene	0.0393	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Benzo(a)pyrene	0.0393	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Benzo(b)fluoranthene	0.0393	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Benzo(g,h,i)perylene	0.0393	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Benzo(k)fluoranthene	0.0393	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Chrysene	0.0393	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Dibenzo(a,h)anthracene	0.0197	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Fluoranthene	0.0393	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0393	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Phenanthrene	0.0393	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^1-RMPS	15-Apr-04	0	0.5	Pyrene	0.0393	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-L	15-Apr-04	0.5	1	1,1-Dichloroethene	1.09	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-L	15-Apr-04	0.5	1	Bromodichloromethane	1.09	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-L	15-Apr-04	0.5	1	Tetrachloroethene	1.09	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-L	15-Apr-04	0.5	1	Trichloroethene	1.09	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Fluoride	1.52	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Antimony	1.89	mg/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Arsenic	4.63	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Beryllium	0.308	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Cadmium	0.0526	mg/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Lead	7.71	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Manganese	627	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Molybdenum	1.62	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Silver	0.668	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Aroclor-1254	0.82	ug/kg	NV	479915.617	1346469.91

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Aroclor-1260	3.68	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Dieldrin	1.47	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Cesium-137	0.0208	pCi/g	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Radium-226	0.787	pCi/g	NV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Radium-228	0.479	pCi/g	NV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Technetium-99	1.05	pCi/g	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Thorium-228	0.487	pCi/g	NV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Thorium-230	4.36	pCi/g	NV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Thorium-232	0.479	pCi/g	NV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Uranium, Total	3.85	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Benzo(a)anthracene	0.0368	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Benzo(a)pyrene	0.0368	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Benzo(b)fluoranthene	0.0368	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Benzo(g,h,i)perylene	0.0368	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Benzo(k)fluoranthene	0.0368	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Chrysene	0.0368	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Dibenzo(a,h)anthracene	0.0184	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Fluoranthene	0.0368	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.0368	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Phenanthrene	0.0368	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^2-RMPS	15-Apr-04	0.5	1	Pyrene	0.0368	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-L	15-Apr-04	1	1.5	1,1-Dichloroethene	1.04	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-L	15-Apr-04	1	1.5	Bromodichloromethane	1.04	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-L	15-Apr-04	1	1.5	Tetrachloroethene	1.04	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-L	15-Apr-04	1	1.5	Trichloroethene	1.04	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Fluoride	1.97	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Antimony	0.376	mg/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Arsenic	7.24	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Beryllium	0.357	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Cadmium	0.0523	mg/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Lead	7.14	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Manganese	663	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Molybdenum	1.81	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Silver	0.383	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Aroclor-1254	0.88	ug/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Aroclor-1260	3.66	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Dieldrin	0.249	ug/kg	NV	479915.617	1346469.91

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Cesium-137	0.0118	pCi/g	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Radium-226	0.767	pCi/g	NV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Radium-228	0.438	pCi/g	NV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Technetium-99	1.07	pCi/g	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Thorium-228	0.483	pCi/g	NV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Thorium-230	4.73	pCi/g	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Thorium-232	0.438	pCi/g	NV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Uranium, Total	3.14	mg/kg	NV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Benzo(a)anthracene	0.0366	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Benzo(a)pyrene	0.0366	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Benzo(b)fluoranthene	0.0366	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Benzo(g,h,i)perylene	0.0366	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Benzo(k)fluoranthene	0.0366	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Chrysene	0.0366	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Dibenzo(a,h)anthracene	0.0183	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Fluoranthene	0.0366	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.0366	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Phenanthrene	0.0366	ug/kg	UNV	479915.617	1346469.91
OPR-4	OPR-4^3-RMPS	15-Apr-04	1	1.5	Pyrene	0.0366	ug/kg	UNV	479915.617	1346469.91
OPR-5	OPR-5^1-L	15-Apr-04	0	0.5	1,1-Dichloroethene	1.3	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-L	15-Apr-04	0	0.5	Bromodichloromethane	1.3	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-L	15-Apr-04	0	0.5	Tetrachloroethene	1.3	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-L	15-Apr-04	0	0.5	Trichloroethene	1.3	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Fluoride	0.703	mg/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Antimony	0.732	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Arsenic	9.2	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Beryllium	0.641	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Cadmium	0.0609	mg/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Lead	14.5	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Manganese	405	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Molybdenum	2.35	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Silver	0.296	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Aroclor-1254	3.2	ug/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Aroclor-1260	4.27	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Dieldrin	1.71	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Cesium-137	0.169	pCi/g	NV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Radium-226	0.83	pCi/g	NV	479580.199	1346048.092

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Radium-228	0.695	pCi/g	NV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Technetium-99	1.32	pCi/g	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Thorium-228	0.71	pCi/g	NV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Thorium-230	5	pCi/g	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Thorium-232	0.695	pCi/g	NV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Uranium, Total	7.57	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Benzo(a)anthracene	0.0427	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Benzo(a)pyrene	0.0427	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Benzo(b)fluoranthene	0.0427	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Benzo(g,h,i)perylene	0.0427	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Benzo(k)fluoranthene	0.0427	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Chrysene	0.0427	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Dibenzo(a,h)anthracene	0.0214	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Fluoranthene	0.0427	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0427	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Phenanthrene	0.0427	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^1-RMPS	15-Apr-04	0	0.5	Pyrene	0.0427	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-L	15-Apr-04	0.5	1	1,1-Dichloroethene	1.12	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-L	15-Apr-04	0.5	1	Bromodichloromethane	1.12	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-L	15-Apr-04	0.5	1	Tetrachloroethene	1.12	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-L	15-Apr-04	0.5	1	Trichloroethene	1.12	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Fluoride	0.849	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Antimony	0.394	mg/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Arsenic	7.08	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Beryllium	0.511	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Cadmium	0.0549	mg/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Lead	7.66	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Manganese	344	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Molybdenum	1.87	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Silver	0.375	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Aroclor-1254	3.86	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Aroclor-1260	3.86	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Dieldrin	1.55	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Cesium-137	0.0296	pCi/g	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Radium-226	0.707	pCi/g	NV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Radium-228	0.594	pCi/g	NV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Technetium-99	1.64	pCi/g	UNV	479580.199	1346048.092

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Thorium-228	0.6	pCi/g	NV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Thorium-230	9.17	pCi/g	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Thorium-232	0.594	pCi/g	NV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Uranium, Total	4.32	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Benzo(a)anthracene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Benzo(a)pyrene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Benzo(b)fluoranthene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Benzo(g,h,i)perylene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Benzo(k)fluoranthene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Chrysene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Dibenzo(a,h)anthracene	0.0193	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Fluoranthene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Phenanthrene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^2-RMPS	15-Apr-04	0.5	1	Pyrene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-L	15-Apr-04	1	1.5	1,1-Dichloroethene	1.16	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-L	15-Apr-04	1	1.5	Bromodichloromethane	1.16	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-L	15-Apr-04	1	1.5	Tetrachloroethene	1.16	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-L	15-Apr-04	1	1.5	Trichloroethene	1.16	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Fluoride	1.66	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Antimony	0.39	mg/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Arsenic	6.41	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Beryllium	0.387	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Cadmium	0.0543	mg/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Lead	6.45	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Manganese	349	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Molybdenum	1.97	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Silver	0.453	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Aroclor-1254	3.86	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Aroclor-1260	3.86	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Dieldrin	1.55	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Cesium-137	0.0229	pCi/g	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Radium-226	0.695	pCi/g	NV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Radium-228	0.516	pCi/g	NV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Technetium-99	1.49	pCi/g	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Thorium-228	0.534	pCi/g	NV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Thorium-230	7.21	pCi/g	UNV	479580.199	1346048.092

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Thorium-232	0.516	pCi/g	NV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Uranium, Total	2.41	mg/kg	NV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Benzo(a)anthracene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Benzo(a)pyrene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Benzo(b)fluoranthene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Benzo(g,h,i)perylene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Benzo(k)fluoranthene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Chrysene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Dibenzo(a,h)anthracene	0.0193	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Fluoranthene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Phenanthrene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-5	OPR-5^3-RMPS	15-Apr-04	1	1.5	Pyrene	0.0386	ug/kg	UNV	479580.199	1346048.092
OPR-6	OPR-6^1-L	15-Apr-04	0	0.5	1,1-Dichloroethene	1.14	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-L	15-Apr-04	0	0.5	Bromodichloromethane	1.14	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-L	15-Apr-04	0	0.5	Tetrachloroethene	1.14	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-L	15-Apr-04	0	0.5	Trichloroethene	1.14	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Fluoride	0.655	mg/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Antimony	2.04	mg/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Arsenic	1.33	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Beryllium	0.255	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Cadmium	0.0567	mg/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Lead	6.54	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Manganese	538	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Molybdenum	1.43	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Silver	0.608	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Aroclor-1254	4	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Aroclor-1260	4	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Dieldrin	0.482	ug/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Cesium-137	0.0243	pCi/g	NV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Radium-226	0.633	pCi/g	NV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Radium-228	0.404	pCi/g	NV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Technetium-99	1.42	pCi/g	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Thorium-228	0.406	pCi/g	NV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Thorium-230	2.64	pCi/g	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Thorium-232	0.404	pCi/g	NV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Uranium, Total	2.05	mg/kg	NV	479578.362	1346139.785

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Benzo(a)anthracene	0.04	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Benzo(a)pyrene	0.04	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Benzo(b)fluoranthene	0.04	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Benzo(g,h,i)perylene	0.04	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Benzo(k)fluoranthene	0.04	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Chrysene	0.04	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Dibenzo(a,h)anthracene	0.02	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Fluoranthene	0.04	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.04	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Phenanthrene	0.04	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^1-RMPS	15-Apr-04	0	0.5	Pyrene	0.04	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-L	15-Apr-04	0.5	1	1,1-Dichloroethene	1.23	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-L	15-Apr-04	0.5	1	Bromodichloromethane	1.23	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-L	15-Apr-04	0.5	1	Tetrachloroethene	1.23	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-L	15-Apr-04	0.5	1	Trichloroethene	1.23	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Fluoride	0.669	mg/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Antimony	0.42	mg/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Arsenic	8.85	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Beryllium	0.415	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Cadmium	0.0585	mg/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Lead	7.41	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Manganese	651	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Molybdenum	1.55	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Silver	0.42	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Aroclor-1254	4.08	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Aroclor-1260	4.08	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Dieldrin	0.641	ug/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Cesium-137	0.0601	pCi/g	NV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Radium-226	0.726	pCi/g	NV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Radium-228	0.553	pCi/g	NV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Technetium-99	1.54	pCi/g	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Thorium-228	0.57	pCi/g	NV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Thorium-230	2.54	pCi/g	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Thorium-232	0.553	pCi/g	NV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Uranium, Total	2.68	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Benzo(a)anthracene	0.0408	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Benzo(a)pyrene	0.0408	ug/kg	UNV	479578.362	1346139.785

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Benzo(b)fluoranthene	0.0408	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Benzo(g,h,i)perylene	0.0408	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Benzo(k)fluoranthene	0.0408	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Chrysene	0.0408	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Dibenzo(a,h)anthracene	0.0204	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Fluoranthene	0.0408	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.0408	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Phenanthrene	0.0408	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^2-RMPS	15-Apr-04	0.5	1	Pyrene	0.0408	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-L	15-Apr-04	1	1.5	1,1-Dichloroethene	1.24	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-L	15-Apr-04	1	1.5	Bromodichloromethane	1.24	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-L	15-Apr-04	1	1.5	Tetrachloroethene	1.24	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-L	15-Apr-04	1	1.5	Trichloroethene	1.24	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Fluoride	0.841	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Antimony	0.407	mg/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Arsenic	7.16	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Beryllium	0.578	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Cadmium	0.0566	mg/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Lead	11.6	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Manganese	661	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Molybdenum	1.51	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Silver	0.254	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Aroclor-1254	4.03	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Aroclor-1260	4.03	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Dieldrin	0.972	ug/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Cesium-137	0.062	pCi/g	NV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Radium-226	0.805	pCi/g	NV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Radium-228	0.591	pCi/g	NV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Technetium-99	1.53	pCi/g	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Thorium-228	0.602	pCi/g	NV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Thorium-230	4.93	pCi/g	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Thorium-232	0.591	pCi/g	NV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Uranium, Total	3.27	mg/kg	NV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Benzo(a)anthracene	0.0403	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Benzo(a)pyrene	0.0403	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Benzo(b)fluoranthene	0.0403	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Benzo(g,h,i)perylene	0.0403	ug/kg	UNV	479578.362	1346139.785

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Benzo(k)fluoranthene	0.0403	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Chrysene	0.0403	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Dibenzo(a,h)anthracene	0.0201	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Fluoranthene	0.0403	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.0403	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Phenanthrene	0.0403	ug/kg	UNV	479578.362	1346139.785
OPR-6	OPR-6^3-RMPS	15-Apr-04	1	1.5	Pyrene	0.0403	ug/kg	UNV	479578.362	1346139.785
OPR-7	OPR-7^1-L	14-Apr-04	0	0.5	1,1-Dichloroethene	1.18	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-L	14-Apr-04	0	0.5	Bromodichloromethane	1.18	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-L	14-Apr-04	0	0.5	Tetrachloroethene	1.18	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-L	14-Apr-04	0	0.5	Trichloroethene	1.18	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Fluoride	0.69	mg/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Antimony	0.432	mg/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Arsenic	5.23	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Beryllium	0.705	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Cadmium	0.0601	mg/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Lead	11.6	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Manganese	652	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Molybdenum	1.33	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Silver	0.113	mg/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Aroclor-1254	0.84	ug/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Aroclor-1260	4.19	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Dieldrin	1.68	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Cesium-137	0.0474	pCi/g	NV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Radium-226	0.844	pCi/g	NV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Radium-228	0.832	pCi/g	NV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Technetium-99	1.13	pCi/g	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Thorium-228	0.867	pCi/g	NV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Thorium-230	10.2	pCi/g	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Thorium-232	0.832	pCi/g	NV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Uranium, Total	5.25	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Benzo(a)anthracene	0.0419	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Benzo(a)pyrene	0.0419	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Benzo(b)fluoranthene	0.0419	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Benzo(g,h,i)perylene	0.0419	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Benzo(k)fluoranthene	0.0419	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Chrysene	0.0419	ug/kg	UNV	479567.045	1346270.414

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Dibenzo(a,h)anthracene	0.021	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Fluoranthene	0.0419	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0419	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Phenanthrene	0.0419	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^1-RMPS	14-Apr-04	0	0.5	Pyrene	0.0419	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-L	14-Apr-04	0.5	1	1,1-Dichloroethene	1.1	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-L	14-Apr-04	0.5	1	Bromodichloromethane	1.1	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-L	14-Apr-04	0.5	1	Tetrachloroethene	1.1	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-L	14-Apr-04	0.5	1	Trichloroethene	1.1	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Fluoride	2.71	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Antimony	0.401	mg/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Arsenic	6.07	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Beryllium	0.794	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Cadmium	0.0558	mg/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Lead	11.8	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Manganese	652	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Molybdenum	1.11	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Silver	0.105	mg/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Aroclor-1254	3.89	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Aroclor-1260	3.89	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Dieldrin	1.56	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Cesium-137	0.0367	pCi/g	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Radium-226	1.06	pCi/g	NV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Radium-228	0.97	pCi/g	NV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Technetium-99	1.15	pCi/g	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Thorium-228	0.986	pCi/g	NV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Thorium-230	10.7	pCi/g	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Thorium-232	0.97	pCi/g	NV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Uranium, Total	5.34	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Benzo(a)anthracene	0.0389	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Benzo(a)pyrene	0.0389	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Benzo(b)fluoranthene	0.0389	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Benzo(g,h,i)perylene	0.0389	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Benzo(k)fluoranthene	0.0389	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Chrysene	0.0389	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Dibenzo(a,h)anthracene	0.0195	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Fluoranthene	0.0389	ug/kg	UNV	479567.045	1346270.414

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.0389	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Phenanthrene	0.0389	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^2-RMPS	14-Apr-04	0.5	1	Pyrene	0.0389	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-L	14-Apr-04	1	1.5	1,1-Dichloroethene	1.09	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-L	14-Apr-04	1	1.5	Bromodichloromethane	1.09	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-L	14-Apr-04	1	1.5	Tetrachloroethene	1.09	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-L	14-Apr-04	1	1.5	Trichloroethene	1.09	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Fluoride	2.99	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Antimony	0.387	mg/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Arsenic	5.61	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Beryllium	0.688	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Cadmium	0.177	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Lead	12.1	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Manganese	742	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Molybdenum	0.884	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Silver	0.102	mg/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Aroclor-1254	3.76	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Aroclor-1260	3.76	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Dieldrin	1.5	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Cesium-137	0.0545	pCi/g	NV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Radium-226	0.748	pCi/g	NV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Radium-228	0.782	pCi/g	NV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Technetium-99	1.3	pCi/g	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Thorium-228	0.772	pCi/g	NV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Thorium-230	8.59	pCi/g	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Thorium-232	0.782	pCi/g	NV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Uranium, Total	4.23	mg/kg	NV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Benzo(a)anthracene	0.0376	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Benzo(a)pyrene	0.0376	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Benzo(b)fluoranthene	0.0376	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Benzo(g,h,i)perylene	0.0376	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Benzo(k)fluoranthene	0.0376	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Chrysene	0.0376	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Dibenzo(a,h)anthracene	0.0188	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Fluoranthene	0.0376	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.0376	ug/kg	UNV	479567.045	1346270.414
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Phenanthrene	0.0376	ug/kg	UNV	479567.045	1346270.414

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-7	OPR-7^3-RMPS	14-Apr-04	1	1.5	Pyrene	0.0376	ug/kg	UNV	479567.045	1346270.414
OPR-8	OPR-8^1-L	14-Apr-04	0	0.5	1,1-Dichloroethene	1.06	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-L	14-Apr-04	0	0.5	Bromodichloromethane	1.06	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-L	14-Apr-04	0	0.5	Tetrachloroethene	1.06	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-L	14-Apr-04	0	0.5	Trichloroethene	1.06	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Fluoride	0.611	mg/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Antimony	0.748	mg/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Arsenic	7.4	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Beryllium	0.337	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Cadmium	0.052	mg/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Lead	6.08	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Manganese	415	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Molybdenum	2.19	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Silver	0.79	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Aroclor-1254	3.7	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Aroclor-1260	3.7	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Dieldrin	0.275	ug/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Cesium-137	0.0255	pCi/g	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Radium-226	0.619	pCi/g	NV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Radium-228	0.394	pCi/g	NV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Technetium-99	1.22	pCi/g	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Thorium-228	0.407	pCi/g	NV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Thorium-230	3.24	pCi/g	NV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Thorium-232	0.394	pCi/g	NV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Uranium, Total	2.87	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Benzo(a)anthracene	0.037	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Benzo(a)pyrene	0.037	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Benzo(b)fluoranthene	0.037	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Benzo(g,h,i)perylene	0.037	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Benzo(k)fluoranthene	0.037	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Chrysene	0.037	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Dibenzo(a,h)anthracene	0.0185	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Fluoranthene	0.037	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.037	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Phenanthrene	0.037	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^1-RMPS	14-Apr-04	0	0.5	Pyrene	0.037	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-L	14-Apr-04	0.5	1	1,1-Dichloroethene	1.09	ug/kg	UNV	479557.234	1346379.93

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-8	OPR-8^2-L	14-Apr-04	0.5	1	Bromodichloromethane	1.09	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-L	14-Apr-04	0.5	1	Tetrachloroethene	1.09	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-L	14-Apr-04	0.5	1	Trichloroethene	1.09	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Fluoride	0.686	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Antimony	0.972	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Arsenic	6.04	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Beryllium	0.292	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Cadmium	0.559	mg/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Lead	7.61	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Manganese	396	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Molybdenum	2.14	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Silver	0.661	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Aroclor-1254	3.76	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Aroclor-1260	3.76	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Dieldrin	1.5	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Cesium-137	0.0161	pCi/g	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Radium-226	0.633	pCi/g	NV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Radium-228	0.483	pCi/g	NV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Technetium-99	1.31	pCi/g	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Thorium-228	0.481	pCi/g	NV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Thorium-230	6.7	pCi/g	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Thorium-232	0.483	pCi/g	NV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Uranium, Total	1.02	mg/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Benzo(a)anthracene	0.0376	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Benzo(a)pyrene	0.0376	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Benzo(b)fluoranthene	0.0376	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Benzo(g,h,i)perylene	0.0376	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Benzo(k)fluoranthene	0.0376	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Chrysene	0.0376	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Dibenzo(a,h)anthracene	0.0376	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Fluoranthene	0.0376	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.0376	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Phenanthrene	0.0376	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^2-RMPS	14-Apr-04	0.5	1	Pyrene	0.0376	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-L	14-Apr-04	1	1.5	1,1-Dichloroethene	1.03	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-L	14-Apr-04	1	1.5	Bromodichloromethane	1.03	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-L	14-Apr-04	1	1.5	Tetrachloroethene	1.03	ug/kg	UNV	479557.234	1346379.93

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-8	OPR-8^3-L	14-Apr-04	1	1.5	Trichloroethene	1.03	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Fluoride	1.5	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Antimony	0.397	mg/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Arsenic	9.79	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Beryllium	0.449	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Cadmium	0.0552	mg/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Lead	13	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Manganese	433	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Molybdenum	2.54	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Silver	0.312	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Aroclor-1254	3.87	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Aroclor-1260	3.87	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Dieldrin	1.55	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Cesium-137	0.0344	pCi/g	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Radium-226	0.87	pCi/g	NV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Radium-228	0.72	pCi/g	NV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Technetium-99	1.14	pCi/g	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Thorium-228	0.718	pCi/g	NV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Thorium-230	8.47	pCi/g	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Thorium-232	0.72	pCi/g	NV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Uranium, Total	4.59	mg/kg	NV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Benzo(a)anthracene	0.0387	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Benzo(a)pyrene	0.0387	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Benzo(b)fluoranthene	0.0387	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Benzo(g,h,i)perylene	0.0387	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Benzo(k)fluoranthene	0.0387	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Chrysene	0.0387	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Dibenzo(a,h)anthracene	0.0194	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Fluoranthene	0.0387	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.0387	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Phenanthrene	0.0387	ug/kg	UNV	479557.234	1346379.93
OPR-8	OPR-8^3-RMPS	14-Apr-04	1	1.5	Pyrene	0.0387	ug/kg	UNV	479557.234	1346379.93
OPR-9	OPR-9^1-L	14-Apr-04	0	0.5	1,1-Dichloroethene	1.1	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-L	14-Apr-04	0	0.5	Bromodichloromethane	1.1	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-L	14-Apr-04	0	0.5	Tetrachloroethene	1.1	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-L	14-Apr-04	0	0.5	Trichloroethene	1.1	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Fluoride	0.666	mg/kg	UNV	479303.79	1346144.312

APPENDIX A

PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Antimony	0.418	mg/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Arsenic	6.86	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Beryllium	0.319	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Cadmium	0.0582	mg/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Lead	7.24	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Manganese	305	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Molybdenum	2.11	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Silver	0.442	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Aroclor-1254	2.5	ug/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Aroclor-1260	4.06	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Dieldrin	1.62	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Cesium-137	0.111	pCi/g	NV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Radium-226	0.845	pCi/g	NV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Radium-228	0.475	pCi/g	NV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Technetium-99	1.32	pCi/g	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Thorium-228	0.478	pCi/g	NV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Thorium-230	7.2	pCi/g	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Thorium-232	0.475	pCi/g	NV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Uranium, Total	5.48	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Benzo(a)anthracene	0.0406	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Benzo(a)pyrene	0.0406	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Benzo(b)fluoranthene	0.0406	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Benzo(g,h,i)perylene	0.0406	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Benzo(k)fluoranthene	0.0406	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Chrysene	0.0406	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Dibenzo(a,h)anthracene	0.0203	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Fluoranthene	0.0406	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0406	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Phenanthrene	0.0406	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^1-RMPS	14-Apr-04	0	0.5	Pyrene	0.0406	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-L	14-Apr-04	0.5	1	1,1-Dichloroethene	1.04	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-L	14-Apr-04	0.5	1	Bromodichloromethane	1.04	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-L	14-Apr-04	0.5	1	Tetrachloroethene	1.04	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-L	14-Apr-04	0.5	1	Trichloroethene	1.04	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Fluoride	0.63	mg/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Antimony	0.387	mg/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Arsenic	6.45	mg/kg	NV	479303.79	1346144.312

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Beryllium	0.288	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Cadmium	0.0538	mg/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Lead	6.46	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Manganese	287	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Molybdenum	1.87	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Silver	0.444	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Aroclor-1254	3.8	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Aroclor-1260	3.8	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Dieldrin	1.52	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Cesium-137	0.0312	pCi/g	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Radium-226	0.569	pCi/g	NV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Radium-228	0.357	pCi/g	NV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Technetium-99	1.27	pCi/g	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Thorium-228	0.361	pCi/g	NV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Thorium-230	3.44	pCi/g	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Thorium-232	0.357	pCi/g	NV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Uranium, Total	3.34	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Benzo(a)anthracene	0.038	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Benzo(a)pyrene	0.038	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Benzo(b)fluoranthene	0.038	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Benzo(g,h,i)perylene	0.038	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Benzo(k)fluoranthene	0.038	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Chrysene	0.038	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Dibenzo(a,h)anthracene	0.019	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Fluoranthene	0.038	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.038	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Phenanthrene	0.038	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^2-RMPS	14-Apr-04	0.5	1	Pyrene	0.038	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-L	14-Apr-04	1	1.5	1,1-Dichloroethene	1.07	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-L	14-Apr-04	1	1.5	Bromodichloromethane	1.07	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-L	14-Apr-04	1	1.5	Tetrachloroethene	1.07	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-L	14-Apr-04	1	1.5	Trichloroethene	1.07	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Fluoride	0.618	mg/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Antimony	0.512	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Arsenic	5.22	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Beryllium	0.166	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Cadmium	0.0531	mg/kg	UNV	479303.79	1346144.312

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Lead	3.85	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Manganese	165	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Molybdenum	1.91	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Silver	0.419	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Aroclor-1254	3.73	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Aroclor-1260	3.73	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Dieldrin	1.49	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Cesium-137	0.0239	pCi/g	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Radium-226	0.573	pCi/g	NV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Radium-228	0.33	pCi/g	NV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Technetium-99	1.27	pCi/g	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Thorium-228	0.327	pCi/g	NV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Thorium-230	6.6	pCi/g	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Thorium-232	0.33	pCi/g	NV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Uranium, Total	1.83	mg/kg	NV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Benzo(a)anthracene	0.782	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Benzo(a)pyrene	0.782	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Benzo(b)fluoranthene	0.782	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Benzo(g,h,i)perylene	0.782	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Benzo(k)fluoranthene	0.782	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Chrysene	0.782	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Dibenzo(a,h)anthracene	0.391	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Fluoranthene	0.782	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.782	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Phenanthrene	0.782	ug/kg	UNV	479303.79	1346144.312
OPR-9	OPR-9^3-RMPS	14-Apr-04	1	1.5	Pyrene	0.782	ug/kg	UNV	479303.79	1346144.312
PPDDH-1	PPDDH-1^5-R	12-Jan-05	2	2.5	Uranium, Total	81.2	mg/kg	NV	480013.272	1346827.4
PPDDH-1	PPDDH-1^6-R	12-Jan-05	2.5	3	Uranium, Total	27.9	mg/kg	NV	480013.272	1346827.4
PPDDH-1	PPDDH-1^7-R	12-Jan-05	3	3.5	Uranium, Total	11.5	mg/kg	NV	480013.272	1346827.4
PPDDH-1E	PPDDH-1E^1-R	12-Jan-05	0	0.5	Uranium, Total	47.8	mg/kg	NV	480013.335	1346832.144
PPDDH-1E	PPDDH-1E^4-R	12-Jan-05	1.5	2	Uranium, Total	11.6	mg/kg	NV	480013.335	1346832.144
PPDDH-1N	PPDDH-1N^1-R	12-Jan-05	0	0.5	Uranium, Total	23.9	mg/kg	NV	480018.372	1346827.379
PPDDH-1N	PPDDH-1N^4-R	12-Jan-05	1.5	2	Uranium, Total	74.9	mg/kg	NV	480018.372	1346827.379
PPDDH-1S	PPDDH-1S^1-R	12-Jan-05	0	0.5	Uranium, Total	23.8	mg/kg	NV	480008.561	1346827.221
PPDDH-1S	PPDDH-1S^4-R	12-Jan-05	1.5	2	Uranium, Total	14.6	mg/kg	NV	480008.561	1346827.221
PPDDH-1W	PPDDH-1W^12-R	4-Feb-05	5.5	6	Uranium, Total	3.54	mg/kg	UNV	480013.098	1346822.282
PPDDH-1W	PPDDH-1W^1-R	12-Jan-05	0	0.5	Uranium, Total	16.1	mg/kg	NV	480013.098	1346822.282

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDH-1W	PPDDH-1W^4-R	12-Jan-05	1.5	2	Uranium, Total	126	mg/kg	NV	480013.098	1346822.282
PPDDH-1W	PPDDH-1W^5-R	4-Feb-05	2	2.5	Uranium, Total	177	mg/kg	NV	480013.098	1346822.282
PPDDH-1W	PPDDH-1W^7-R	4-Feb-05	3	3.5	Uranium, Total	30.3	mg/kg	NV	480013.098	1346822.282
PPDDH-1W2	PPDDH-1W2^1-R	4-Feb-05	0	0.5	Uranium, Total	27.5	mg/kg	NV	480013.39	1346917.17
PPDDH-1W2	PPDDH-1W2^4-R	4-Feb-05	1.5	2	Uranium, Total	9.72	mg/kg	NV	480013.39	1346917.17
PPDDH-2	PPDDH-2^2-R	12-Jan-05	0.5	1	Uranium, Total	28.5	mg/kg	NV	480130.389	1347070.914
PPDDH-2	PPDDH-2^3-R	12-Jan-05	1	1.5	Uranium, Total	30.7	mg/kg	NV	480130.389	1347070.914
PPDDH-2	PPDDH-2^4-R	12-Jan-05	1.5	2	Uranium, Total	7.86	mg/kg	NV	480130.389	1347070.914
PPDDH-2SW	PPDDH-2SW^1-R	12-Jan-05	0	0.5	Uranium, Total	12.2	mg/kg	NV	480126.783	1347067.265
PPDDH-3	PPDDH-3^2-R	12-Jan-05	0.5	1	Uranium, Total	110	mg/kg	NV	480126.926	1347092.601
PPDDH-3	PPDDH-3^3-R	12-Jan-05	1	1.5	Uranium, Total	44.7	mg/kg	NV	480126.926	1347092.601
PPDDH-3	PPDDH-3^4-R	12-Jan-05	1.5	2	Uranium, Total	7.63	mg/kg	NV	480126.926	1347092.601
PPDDH-3NE	PPDDH-3NE^1-R	12-Jan-05	0	0.5	Uranium, Total	10.3	mg/kg	NV	480130.79	1347096.144
PPDDH-3SE	PPDDH-3SE^1-R	12-Jan-05	0	0.5	Uranium, Total	11.2	mg/kg	NV	480123.577	1347095.992
PPDDH-4	PPDDH-4^3-M	13-Jan-05	1	1.5	Arsenic	5.02	mg/kg	NV	479971.636	1347495.827
PPDDH-4	PPDDH-4^4-M	13-Jan-05	1.5	2	Arsenic	4.7	mg/kg	NV	479971.636	1347495.827
PPDDH-4	PPDDH-4^5-M	13-Jan-05	2	2.5	Arsenic	3.48	mg/kg	NV	479971.636	1347495.827
PPDDH-4E	PPDDH-4E^1-M	13-Jan-05	0	0.5	Arsenic	10.6	mg/kg	NV	479971.242	1347500.897
PPDDH-4E	PPDDH-4E^2-M	13-Jan-05	0.5	1	Arsenic	10.6	mg/kg	NV	479971.242	1347500.897
PPDDH-4N	PPDDH-4N^1-M	13-Jan-05	0	0.5	Arsenic	4.59	mg/kg	NV	479976.394	1347496.008
PPDDH-4N	PPDDH-4N^2-M	13-Jan-05	0.5	1	Arsenic	16.5	mg/kg	NV	479976.394	1347496.008
PPDDH-4S	PPDDH-4S^1-M	13-Jan-05	0	0.5	Arsenic	4.37	mg/kg	NV	479966.594	1347495.816
PPDDH-4S	PPDDH-4S^2-M	13-Jan-05	0.5	1	Arsenic	2.83	mg/kg	NV	479966.594	1347495.816
PPDDH-4W	PPDDH-4W^1-M	13-Jan-05	0	0.5	Arsenic	3.25	mg/kg	NV	479971.521	1347490.944
PPDDH-4W	PPDDH-4W^2-M	13-Jan-05	0.5	1	Arsenic	2.42	mg/kg	NV	479971.521	1347490.944
PPDDH-5	PPDDH-5^2-R	13-Jan-05	0.5	1	Uranium, Total	9.06	mg/kg	NV	479879.219	1347647.793
PPDDH-5	PPDDH-5^3-R	13-Jan-05	1	1.5	Uranium, Total	6.21	mg/kg	NV	479879.219	1347647.793
PPDDH-5	PPDDH-5^4-R	13-Jan-05	1.5	2	Uranium, Total	2.1	mg/kg	NV	479879.219	1347647.793
PPDDH-5E	PPDDH-5E^1-R	13-Jan-05	0	0.5	Uranium, Total	22.7	mg/kg	NV	479879.096	1347652.618
PPDDH-5N	PPDDH-5N^1-R	13-Jan-05	0	0.5	Uranium, Total	8.77	mg/kg	NV	479884.386	1347647.656
PPDDH-5S	PPDDH-5S^1-R	13-Jan-05	0	0.5	Uranium, Total	25.9	mg/kg	NV	479874.282	1347647.637
PPDDH-5W	PPDDH-5W^1-R	13-Jan-05	0	0.5	Uranium, Total	22.5	mg/kg	NV	479879.089	1347642.452
PPDDT-1	PPDDT-1^1-L	6-May-04	0	0.5	1,1-Dichloroethene	1.21	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-L	6-May-04	0	0.5	Bromodichloromethane	1.21	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-L	6-May-04	0	0.5	Tetrachloroethene	1.21	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-L	6-May-04	0	0.5	Trichloroethene	1.21	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Fluoride	0.97	mg/kg	NV	479967.24	1347496.06

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Antimony	0.383	mg/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Arsenic	3.95	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Beryllium	0.439	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Cadmium	0.1	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Lead	6.89	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Manganese	330	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Molybdenum	1.12	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Silver	0.101	mg/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Aroclor-1254	3.8	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Aroclor-1260	3.8	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Dieldrin	1.52	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Cesium-137	0.0539	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Lead-210	1.19	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Neptunium-237	0.146	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Plutonium-238	0.172	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Radium-226	0.895	pCi/g	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Radium-228	0.596	pCi/g	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Strontium-90	0.423	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Technetium-99	2.08	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Thorium-228	0.597	pCi/g	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Thorium-230	16.5	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Thorium-232	0.596	pCi/g	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Uranium, Total	4.46	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Benzo(a)anthracene	0.038	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Benzo(a)pyrene	0.038	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Benzo(b)fluoranthene	0.038	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Benzo(g,h,i)perylene	0.038	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Benzo(k)fluoranthene	0.038	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Chrysene	0.038	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Dibenzo(a,h)anthracene	0.019	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Fluoranthene	0.038	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.038	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Phenanthrene	0.038	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^1-RMPS	6-May-04	0	0.5	Pyrene	0.038	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-L	6-May-04	0.5	1	1,1-Dichloroethene	1.1	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-L	6-May-04	0.5	1	Bromodichloromethane	1.1	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-L	6-May-04	0.5	1	Tetrachloroethene	1.1	ug/kg	UNV	479967.24	1347496.06

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-1	PPDDT-1^2-L	6-May-04	0.5	1	Trichloroethene	1.1	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Fluoride	1.4	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Antimony	0.387	mg/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Arsenic	3.7	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Beryllium	0.856	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Cadmium	0.0539	mg/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Lead	7.49	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Manganese	445	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Molybdenum	0.584	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Silver	0.102	mg/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Aroclor-1254	3.76	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Aroclor-1260	3.76	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Dieldrin	1.5	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Cesium-137	0.0467	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Lead-210	0.887	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Neptunium-237	0.0223	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Plutonium-238	0.202	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Radium-226	0.893	pCi/g	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Radium-228	0.58	pCi/g	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Strontium-90	0.375	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Technetium-99	2.15	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Thorium-228	0.586	pCi/g	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Thorium-230	6.46	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Thorium-232	0.58	pCi/g	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Uranium, Total	3.97	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Benzo(a)anthracene	0.0376	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Benzo(a)pyrene	0.0376	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Benzo(b)fluoranthene	0.0376	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Benzo(g,h,i)perylene	0.0376	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Benzo(k)fluoranthene	0.0376	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Chrysene	0.0376	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Dibenzo(a,h)anthracene	0.0188	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Fluoranthene	0.0376	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.0376	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Phenanthrene	0.0376	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^2-RMPS	6-May-04	0.5	1	Pyrene	0.0376	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-L	6-May-04	1	1.5	1,1-Dichloroethene	1.04	ug/kg	UNV	479967.24	1347496.06

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-1	PPDDT-1^3-L	6-May-04	1	1.5	Bromodichloromethane	1.04	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-L	6-May-04	1	1.5	Tetrachloroethene	1.04	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-L	6-May-04	1	1.5	Trichloroethene	1.04	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Fluoride	1.13	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Antimony	0.388	mg/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Arsenic	4.71	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Beryllium	0.472	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Cadmium	0.0541	mg/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Lead	7.63	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Manganese	314	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Molybdenum	2.58	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Silver	0.102	mg/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Aroclor-1254	3.83	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Aroclor-1260	3.83	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Dieldrin	1.53	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Cesium-137	0.0261	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Lead-210	0.99	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Neptunium-237	0.107	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Plutonium-238	0.226	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Radium-226	0.751	pCi/g	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Radium-228	0.842	pCi/g	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Strontium-90	0.358	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Technetium-99	2.2	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Thorium-228	0.861	pCi/g	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Thorium-230	7.49	pCi/g	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Thorium-232	0.842	pCi/g	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Uranium, Total	3.15	mg/kg	NV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Benzo(a)anthracene	0.0383	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Benzo(a)pyrene	0.0383	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Benzo(b)fluoranthene	0.0383	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Benzo(g,h,i)perylene	0.0383	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Benzo(k)fluoranthene	0.0383	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Chrysene	0.0383	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Dibenzo(a,h)anthracene	0.0192	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Fluoranthene	0.0383	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.0383	ug/kg	UNV	479967.24	1347496.06
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Phenanthrene	0.0383	ug/kg	UNV	479967.24	1347496.06

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-1	PPDDT-1^3-RMPS	6-May-04	1	1.5	Pyrene	0.0383	ug/kg	UNV	479967.24	1347496.06
PPDDT-1L1	PPDDT-1L1^1-L	6-May-04	0	0.5	1,1-Dichloroethene	1.06	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-L	6-May-04	0	0.5	Bromodichloromethane	1.06	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-L	6-May-04	0	0.5	Tetrachloroethene	1.09	ug/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-L	6-May-04	0	0.5	Trichloroethene	0.188	ug/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Fluoride	1.5	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Antimony	0.429	mg/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Arsenic	16.5	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Beryllium	0.455	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Cadmium	0.138	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Lead	9.6	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Manganese	463	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Molybdenum	1.26	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Silver	0.113	mg/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Aroclor-1254	2.4	ug/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Aroclor-1260	4.18	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Dieldrin	1.67	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Cesium-137	0.0977	pCi/g	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Lead-210	1.2	pCi/g	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Neptunium-237	0.12	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Plutonium-238	0.167	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Radium-226	0.904	pCi/g	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Radium-228	0.564	pCi/g	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Strontium-90	0.429	pCi/g	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Technetium-99	2.03	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Thorium-228	0.569	pCi/g	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Thorium-230	4.82	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Thorium-232	0.564	pCi/g	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Uranium, Total	5.32	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Benzo(a)anthracene	0.0418	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Benzo(a)pyrene	0.0418	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Benzo(b)fluoranthene	0.0418	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Benzo(g,h,i)perylene	0.0418	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Benzo(k)fluoranthene	0.0418	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Chrysene	0.0418	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Dibenzo(a,h)anthracene	0.0209	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Fluoranthene	0.0418	ug/kg	UNV	479971.4996	1347496.46

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0418	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Phenanthrene	0.0418	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^1-RMPS	6-May-04	0	0.5	Pyrene	0.0418	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-L	6-May-04	0.5	1	1,1-Dichloroethene	1.16	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-L	6-May-04	0.5	1	Bromodichloromethane	1.16	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-L	6-May-04	0.5	1	Tetrachloroethene	1.16	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-L	6-May-04	0.5	1	Trichloroethene	1.16	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Fluoride	1.92	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Antimony	0.491	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Arsenic	15.4	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Beryllium	0.526	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Cadmium	0.117	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Lead	8.75	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Manganese	455	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Molybdenum	1.45	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Silver	0.109	mg/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Aroclor-1254	1.6	ug/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Aroclor-1260	4.1	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Dieldrin	1.64	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Cesium-137	0.0542	pCi/g	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Lead-210	1.05	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Neptunium-237	0.114	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Plutonium-238	0.162	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Radium-226	0.892	pCi/g	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Radium-228	0.556	pCi/g	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Strontium-90	0.427	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Technetium-99	2.26	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Thorium-228	0.581	pCi/g	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Thorium-230	13.5	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Thorium-232	0.556	pCi/g	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Uranium, Total	4.93	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Benzo(a)anthracene	0.041	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Benzo(a)pyrene	0.041	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Benzo(b)fluoranthene	0.041	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Benzo(g,h,i)perylene	0.041	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Benzo(k)fluoranthene	0.041	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Chrysene	0.041	ug/kg	UNV	479971.4996	1347496.46

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Dibenzo(a,h)anthracene	0.0205	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Fluoranthene	0.041	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.041	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Phenanthrene	0.041	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^2-RMPS	6-May-04	0.5	1	Pyrene	0.041	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-L	6-May-04	1	1.5	1,1-Dichloroethene	1.23	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-L	6-May-04	1	1.5	Bromodichloromethane	1.23	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-L	6-May-04	1	1.5	Tetrachloroethene	1.23	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-L	6-May-04	1	1.5	Trichloroethene	1.23	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Fluoride	1.71	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Antimony	0.425	mg/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Arsenic	8.36	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Beryllium	0.782	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Cadmium	0.138	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Lead	9.95	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Manganese	453	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Molybdenum	1.38	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Silver	0.112	mg/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Aroclor-1254	4.24	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Aroclor-1260	4.24	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Dieldrin	1.69	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Cesium-137	0.0651	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Lead-210	0.843	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Neptunium-237	0.13	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Plutonium-238	0.13	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Radium-226	1.02	pCi/g	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Radium-228	0.86	pCi/g	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Strontium-90	0.389	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Technetium-99	2.29	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Thorium-228	0.862	pCi/g	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Thorium-230	17.9	pCi/g	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Thorium-232	0.86	pCi/g	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Uranium, Total	5.37	mg/kg	NV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Benzo(a)anthracene	0.0424	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Benzo(a)pyrene	0.0424	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Benzo(b)fluoranthene	0.0424	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Benzo(g,h,i)perylene	0.0424	ug/kg	UNV	479971.4996	1347496.46

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Benzo(k)fluoranthene	0.0424	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Chrysene	0.0424	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Dibenzo(a,h)anthracene	0.0212	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Fluoranthene	0.0424	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.0424	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Phenanthrene	0.0424	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1L1	PPDDT-1L1^3-RMPS	6-May-04	1	1.5	Pyrene	0.0424	ug/kg	UNV	479971.4996	1347496.46
PPDDT-1R1	PPDDT-1R1^1-L	6-May-04	0	0.5	1,1-Dichloroethene	1.36	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-L	6-May-04	0	0.5	Bromodichloromethane	1.36	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-L	6-May-04	0	0.5	Tetrachloroethene	1.36	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-L	6-May-04	0	0.5	Trichloroethene	1.36	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Fluoride	2.1	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Antimony	0.441	mg/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Arsenic	4.47	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Beryllium	0.619	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Cadmium	0.146	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Lead	9.42	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Manganese	432	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Molybdenum	1.36	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Silver	0.116	mg/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Aroclor-1254	4.28	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Aroclor-1260	4.28	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Dieldrin	1.71	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Cesium-137	0.0625	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Lead-210	0.952	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Neptunium-237	0.119	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Plutonium-238	0.0636	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Radium-226	0.857	pCi/g	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Radium-228	0.715	pCi/g	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Strontium-90	0.458	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Technetium-99	2.29	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Thorium-228	0.71	pCi/g	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Thorium-230	18.5	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Thorium-232	0.715	pCi/g	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Uranium, Total	51.3	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Benzo(a)anthracene	0.0428	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Benzo(a)pyrene	0.0428	ug/kg	UNV	479964.1052	1347491.33

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Benzo(b)fluoranthene	0.0428	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Benzo(g,h,i)perylene	0.0428	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Benzo(k)fluoranthene	0.0428	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Chrysene	0.0428	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Dibenzo(a,h)anthracene	0.0214	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Fluoranthene	0.0428	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0428	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Phenanthrene	0.0428	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^1-RMPS	6-May-04	0	0.5	Pyrene	0.0428	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-L	6-May-04	0.5	1	1,1-Dichloroethene	1.28	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-L	6-May-04	0.5	1	Bromodichloromethane	1.28	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-L	6-May-04	0.5	1	Tetrachloroethene	1.28	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-L	6-May-04	0.5	1	Trichloroethene	1.28	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Fluoride	2.34	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Antimony	0.545	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Arsenic	6.27	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Beryllium	0.489	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Cadmium	0.187	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Lead	9.64	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Manganese	586	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Molybdenum	0.906	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Silver	0.13	mg/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Aroclor-1254	2	ug/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Aroclor-1260	4.82	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Dieldrin	1.93	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Cesium-137	0.0535	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Lead-210	1.02	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Neptunium-237	0.114	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Plutonium-238	0.162	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Radium-226	0.824	pCi/g	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Radium-228	0.715	pCi/g	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Strontium-90	0.968	pCi/g	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Technetium-99	2.15	pCi/g	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Thorium-228	0.686	pCi/g	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Thorium-230	19.1	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Thorium-232	0.715	pCi/g	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Uranium, Total	54.8	mg/kg	NV	479964.1052	1347491.33

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Benzo(a)anthracene	0.0482	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Benzo(a)pyrene	0.0482	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Benzo(b)fluoranthene	0.0482	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Benzo(g,h,i)perylene	0.0482	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Benzo(k)fluoranthene	0.0482	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Chrysene	0.0482	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Dibenzo(a,h)anthracene	0.0241	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Fluoranthene	0.0482	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.0482	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Phenanthrene	0.0482	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^2-RMPS	6-May-04	0.5	1	Pyrene	0.0298	ug/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-L	6-May-04	1	1.5	1,1-Dichloroethene	1.1	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-L	6-May-04	1	1.5	Bromodichloromethane	1.1	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-L	6-May-04	1	1.5	Tetrachloroethene	1.1	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-L	6-May-04	1	1.5	Trichloroethene	1.1	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Fluoride	1.68	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Antimony	0.412	mg/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Arsenic	4.77	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Beryllium	0.422	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Cadmium	0.062	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Lead	7.5	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Manganese	390	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Molybdenum	1.17	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Silver	0.108	mg/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Aroclor-1254	4.12	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Aroclor-1260	4.12	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Dieldrin	1.65	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Cesium-137	0.0595	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Lead-210	0.855	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Neptunium-237	0.131	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Plutonium-238	0.12	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Radium-226	0.725	pCi/g	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Radium-228	0.587	pCi/g	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Strontium-90	0.441	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Technetium-99	2.17	pCi/g	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Thorium-228	0.605	pCi/g	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Thorium-230	20	pCi/g	UNV	479964.1052	1347491.33

APPENDIX A
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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Thorium-232	0.587	pCi/g	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Uranium, Total	20.1	mg/kg	NV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Benzo(a)anthracene	0.0412	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Benzo(a)pyrene	0.0412	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Benzo(b)fluoranthene	0.0412	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Benzo(g,h,i)perylene	0.0412	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Benzo(k)fluoranthene	0.0412	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Chrysene	0.0412	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Dibenzo(a,h)anthracene	0.0206	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Fluoranthene	0.0412	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.0412	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Phenanthrene	0.0412	ug/kg	UNV	479964.1052	1347491.33
PPDDT-1R1	PPDDT-1R1^3-RMPS	6-May-04	1	1.5	Pyrene	0.0412	ug/kg	UNV	479964.1052	1347491.33
PPDDT-2	PPDDT-2^1-L	6-May-04	0	0.5	1,1-Dichloroethene	1.29	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-L	6-May-04	0	0.5	Bromodichloromethane	1.29	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-L	6-May-04	0	0.5	Tetrachloroethene	1.29	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-L	6-May-04	0	0.5	Trichloroethene	1.29	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Fluoride	1.09	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Antimony	0.425	mg/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Arsenic	9.59	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Beryllium	0.611	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Cadmium	0.148	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Lead	9.5	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Manganese	863	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Molybdenum	0.997	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Silver	0.112	mg/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Aroclor-1254	2.1	ug/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Aroclor-1260	4.13	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Dieldrin	1.65	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Cesium-137	0.0339	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Lead-210	0.936	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Neptunium-237	0.15	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Plutonium-238	0.0834	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Radium-226	0.782	pCi/g	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Radium-228	0.535	pCi/g	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Strontium-90	0.548	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Technetium-99	3.12	pCi/g	NV	480018.05	1346851.66

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Thorium-228	0.558	pCi/g	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Thorium-230	14.5	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Thorium-232	0.535	pCi/g	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Uranium, Total	39.4	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Benzo(a)anthracene	0.0413	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Benzo(a)pyrene	0.0413	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Benzo(b)fluoranthene	0.0413	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Benzo(g,h,i)perylene	0.0413	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Benzo(k)fluoranthene	0.0413	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Chrysene	0.0413	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Dibenzo(a,h)anthracene	0.0206	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Fluoranthene	0.0413	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0413	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Phenanthrene	0.0413	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^1-RMPS	6-May-04	0	0.5	Pyrene	0.0413	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-L	6-May-04	0.5	1	1,1-Dichloroethene	1.29	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-L	6-May-04	0.5	1	Bromodichloromethane	1.29	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-L	6-May-04	0.5	1	Tetrachloroethene	1.29	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-L	6-May-04	0.5	1	Trichloroethene	1.29	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Fluoride	1.17	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Antimony	1.95	mg/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Arsenic	10.7	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Beryllium	0.633	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Cadmium	0.272	mg/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Lead	8.12	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Manganese	1390	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Molybdenum	1.21	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Silver	0.512	mg/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Aroclor-1254	3.92	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Aroclor-1260	3.92	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Dieldrin	1.57	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Cesium-137	0.0391	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Lead-210	0.885	pCi/g	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Neptunium-237	0.0978	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Plutonium-238	0.113	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Radium-226	0.753	pCi/g	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Radium-228	0.701	pCi/g	NV	480018.05	1346851.66

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Strontium-90	0.541	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Technetium-99	2.29	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Thorium-228	0.717	pCi/g	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Thorium-230	11	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Thorium-232	0.701	pCi/g	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Uranium, Total	18.7	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Benzo(a)anthracene	0.0392	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Benzo(a)pyrene	0.0392	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Benzo(b)fluoranthene	0.0392	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Benzo(g,h,i)perylene	0.0392	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Benzo(k)fluoranthene	0.0392	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Chrysene	0.0392	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Dibenzo(a,h)anthracene	0.0196	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Fluoranthene	0.0392	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.0392	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Phenanthrene	0.0392	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^2-RMPS	6-May-04	0.5	1	Pyrene	0.0392	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-L	6-May-04	1	1.5	1,1-Dichloroethene	1.03	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-L	6-May-04	1	1.5	Bromodichloromethane	1.03	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-L	6-May-04	1	1.5	Tetrachloroethene	1.03	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-L	6-May-04	1	1.5	Trichloroethene	1.03	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Fluoride	1.49	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Antimony	0.385	mg/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Arsenic	5.16	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Beryllium	0.577	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Cadmium	0.0537	mg/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Lead	8.4	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Manganese	455	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Molybdenum	0.845	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Silver	0.101	mg/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Aroclor-1254	3.82	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Aroclor-1260	3.82	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Dieldrin	1.53	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Cesium-137	0.0557	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Lead-210	0.929	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Neptunium-237	0.0924	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Plutonium-238	0.158	pCi/g	UNV	480018.05	1346851.66

APPENDIX A
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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Radium-226	0.742	pCi/g	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Radium-228	0.644	pCi/g	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Strontium-90	0.393	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Technetium-99	2.2	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Thorium-228	0.631	pCi/g	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Thorium-230	12.8	pCi/g	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Thorium-232	0.644	pCi/g	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Uranium, Total	6.65	mg/kg	NV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Benzo(a)anthracene	0.0382	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Benzo(a)pyrene	0.0382	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Benzo(b)fluoranthene	0.0382	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Benzo(g,h,i)perylene	0.0382	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Benzo(k)fluoranthene	0.0382	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Chrysene	0.0382	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Dibenzo(a,h)anthracene	0.0191	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Fluoranthene	0.0382	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.0382	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Phenanthrene	0.0382	ug/kg	UNV	480018.05	1346851.66
PPDDT-2	PPDDT-2^3-RMPS	6-May-04	1	1.5	Pyrene	0.0382	ug/kg	UNV	480018.05	1346851.66
PPDDT-2L1	PPDDT-2L1^1-L	6-May-04	0	0.5	1,1-Dichloroethene	1.35	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-L	6-May-04	0	0.5	Bromodichloromethane	1.35	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-L	6-May-04	0	0.5	Tetrachloroethene	1.35	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-L	6-May-04	0	0.5	Trichloroethene	1.35	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Fluoride	1.46	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Antimony	0.556	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Arsenic	6.05	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Beryllium	0.589	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Cadmium	0.175	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Lead	13.3	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Manganese	500	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Molybdenum	0.749	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Silver	0.116	mg/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Aroclor-1254	4.4	ug/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Aroclor-1260	2.5	ug/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Dieldrin	0.451	ug/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Cesium-137	0.168	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Lead-210	1.12	pCi/g	NV	480011.1038	1346856.146

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Neptunium-237	0.159	pCi/g	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Plutonium-238	0.115	pCi/g	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Radium-226	1.05	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Radium-228	0.764	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Strontium-90	0.502	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Technetium-99	2.23	pCi/g	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Thorium-228	0.765	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Thorium-230	17.3	pCi/g	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Thorium-232	0.764	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Uranium, Total	28.5	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Benzo(a)anthracene	0.0435	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Benzo(a)pyrene	0.0435	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Benzo(b)fluoranthene	0.0435	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Benzo(g,h,i)perylene	0.0435	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Benzo(k)fluoranthene	0.0435	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Chrysene	0.0435	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Dibenzo(a,h)anthracene	0.0218	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Fluoranthene	0.0435	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0435	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Phenanthrene	0.0435	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^1-RMPS	6-May-04	0	0.5	Pyrene	0.0435	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-L	6-May-04	0.5	1	1,1-Dichloroethene	1.3	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-L	6-May-04	0.5	1	Bromodichloromethane	1.3	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-L	6-May-04	0.5	1	Tetrachloroethene	1.3	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-L	6-May-04	0.5	1	Trichloroethene	1.3	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Fluoride	3.6	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Antimony	0.436	mg/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Arsenic	7.59	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Beryllium	0.708	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Cadmium	0.118	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Lead	15.9	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Manganese	517	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Molybdenum	1	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Silver	0.115	mg/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Aroclor-1254	3.5	ug/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Aroclor-1260	4.38	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Dieldrin	1.75	ug/kg	UNV	480011.1038	1346856.146

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Cesium-137	0.196	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Lead-210	0.956	pCi/g	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Neptunium-237	0.129	pCi/g	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Plutonium-238	0.205	pCi/g	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Radium-226	1.16	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Radium-228	0.874	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Strontium-90	0.512	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Technetium-99	1.97	pCi/g	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Thorium-228	0.896	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Thorium-230	20.2	pCi/g	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Thorium-232	0.874	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Uranium, Total	23.7	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Benzo(a)anthracene	0.0438	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Benzo(a)pyrene	0.0438	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Benzo(b)fluoranthene	0.0438	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Benzo(g,h,i)perylene	0.0438	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Benzo(k)fluoranthene	0.0438	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Chrysene	0.0438	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Dibenzo(a,h)anthracene	0.0219	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Fluoranthene	0.0438	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.0438	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Phenanthrene	0.0438	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^2-RMPS	6-May-04	0.5	1	Pyrene	0.0438	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-L	6-May-04	1	1.5	1,1-Dichloroethene	1.12	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-L	6-May-04	1	1.5	Bromodichloromethane	1.12	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-L	6-May-04	1	1.5	Tetrachloroethene	1.12	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-L	6-May-04	1	1.5	Trichloroethene	1.12	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Fluoride	2.17	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Antimony	0.466	mg/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Arsenic	6.17	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Beryllium	0.673	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Cadmium	0.145	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Lead	16	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Manganese	315	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Molybdenum	0.891	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Silver	0.122	mg/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Aroclor-1254	1.8	ug/kg	NV	480011.1038	1346856.146

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Aroclor-1260	4.67	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Dieldrin	1.87	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Cesium-137	0.164	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Lead-210	1.02	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Neptunium-237	0.102	pCi/g	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Plutonium-238	0.2	pCi/g	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Radium-226	1.02	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Radium-228	0.956	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Strontium-90	0.459	pCi/g	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Technetium-99	2.07	pCi/g	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Thorium-228	0.98	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Thorium-230	18.7	pCi/g	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Thorium-232	0.956	pCi/g	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Uranium, Total	21.8	mg/kg	NV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Benzo(a)anthracene	0.0467	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Benzo(a)pyrene	0.0467	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Benzo(b)fluoranthene	0.0467	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Benzo(g,h,i)perylene	0.0467	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Benzo(k)fluoranthene	0.0467	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Chrysene	0.0467	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Dibenzo(a,h)anthracene	0.0233	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Fluoranthene	0.0467	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.0467	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Phenanthrene	0.0467	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2L1	PPDDT-2L1^3-RMPS	6-May-04	1	1.5	Pyrene	0.0467	ug/kg	UNV	480011.1038	1346856.146
PPDDT-2R1	PPDDT-2R1^1-L	6-May-04	0	0.5	1,1-Dichloroethene	1.33	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-L	6-May-04	0	0.5	Bromodichloromethane	1.33	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-L	6-May-04	0	0.5	Tetrachloroethene	0.555	ug/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-L	6-May-04	0	0.5	Trichloroethene	1.33	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Fluoride	1.61	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Antimony	0.462	mg/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Arsenic	5.15	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Beryllium	0.566	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Cadmium	0.143	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Lead	13.5	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Manganese	463	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Molybdenum	0.883	mg/kg	NV	480026.7103	1346847.177

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Silver	0.121	mg/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Aroclor-1254	6.3	ug/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Aroclor-1260	3.2	ug/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Dieldrin	0.338	ug/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Cesium-137	0.236	pCi/g	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Lead-210	0.835	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Neptunium-237	0.133	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Plutonium-238	0.153	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Radium-226	1.08	pCi/g	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Radium-228	0.911	pCi/g	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Strontium-90	0.521	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Technetium-99	2.05	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Thorium-228	0.923	pCi/g	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Thorium-230	8.77	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Thorium-232	0.911	pCi/g	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Uranium, Total	17.9	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Benzo(a)anthracene	0.0449	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Benzo(a)pyrene	0.0449	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Benzo(b)fluoranthene	0.0449	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Benzo(g,h,i)perylene	0.0449	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Benzo(k)fluoranthene	0.0449	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Chrysene	0.0449	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Dibenzo(a,h)anthracene	0.0224	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Fluoranthene	0.0449	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0449	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Phenanthrene	0.0449	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^1-RMPS	6-May-04	0	0.5	Pyrene	0.0449	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-L	6-May-04	0.5	1	1,1-Dichloroethene	1.3	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-L	6-May-04	0.5	1	Bromodichloromethane	1.3	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-L	6-May-04	0.5	1	Tetrachloroethene	1.3	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-L	6-May-04	0.5	1	Trichloroethene	1.3	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Fluoride	1.58	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Antimony	0.762	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Arsenic	5.36	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Beryllium	0.631	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Cadmium	0.209	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Lead	16.1	mg/kg	NV	480026.7103	1346847.177

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Manganese	479	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Molybdenum	0.709	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Silver	0.121	mg/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Aroclor-1254	4	ug/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Aroclor-1260	3.2	ug/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Dieldrin	1.79	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Cesium-137	0.183	pCi/g	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Lead-210	0.816	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Neptunium-237	0.0873	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Plutonium-238	0.288	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Radium-226	1.16	pCi/g	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Radium-228	0.955	pCi/g	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Strontium-90	0.599	pCi/g	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Technetium-99	2	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Thorium-228	0.953	pCi/g	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Thorium-230	17.6	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Thorium-232	0.955	pCi/g	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Uranium, Total	22.1	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Benzo(a)anthracene	0.0447	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Benzo(a)pyrene	0.0447	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Benzo(b)fluoranthene	0.0447	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Benzo(g,h,i)perylene	0.0447	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Benzo(k)fluoranthene	0.0447	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Chrysene	0.0447	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Dibenzo(a,h)anthracene	0.0224	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Fluoranthene	0.0447	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Indeno(1,2,3-cd)pyrene	0.0447	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Phenanthrene	0.0447	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^2-RMPS	6-May-04	0.5	1	Pyrene	0.0447	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-L	6-May-04	1	1.5	1,1-Dichloroethene	1.2	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-L	6-May-04	1	1.5	Bromodichloromethane	1.2	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-L	6-May-04	1	1.5	Tetrachloroethene	1.2	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-L	6-May-04	1	1.5	Trichloroethene	1.2	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Fluoride	1.72	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Antimony	0.435	mg/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Arsenic	5.33	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Beryllium	0.677	mg/kg	NV	480026.7103	1346847.177

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Cadmium	0.142	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Lead	9.96	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Manganese	619	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Molybdenum	0.725	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Silver	0.114	mg/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Aroclor-1254	4.25	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Aroclor-1260	4.25	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Dieldrin	1.7	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Cesium-137	0.0473	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Lead-210	0.956	pCi/g	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Neptunium-237	0.0699	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Plutonium-238	0.218	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Radium-226	1.08	pCi/g	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Radium-228	0.769	pCi/g	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Strontium-90	0.342	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Technetium-99	2.15	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Thorium-228	0.756	pCi/g	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Thorium-230	14.2	pCi/g	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Thorium-232	0.769	pCi/g	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Uranium, Total	22.3	mg/kg	NV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Benzo(a)anthracene	0.0425	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Benzo(a)pyrene	0.0425	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Benzo(b)fluoranthene	0.0425	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Benzo(g,h,i)perylene	0.0425	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Benzo(k)fluoranthene	0.0425	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Chrysene	0.0425	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Dibenzo(a,h)anthracene	0.0213	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Fluoranthene	0.0425	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Indeno(1,2,3-cd)pyrene	0.0425	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Phenanthrene	0.0425	ug/kg	UNV	480026.7103	1346847.177
PPDDT-2R1	PPDDT-2R1^3-RMPS	6-May-04	1	1.5	Pyrene	0.0425	ug/kg	UNV	480026.7103	1346847.177
PPDDT-3	PPDDT-3^1-L	30-Jun-04	0	0.5	1,1-Dichloroethene	1.1	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-L	30-Jun-04	0	0.5	Bromodichloromethane	1.1	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-L	30-Jun-04	0	0.5	Tetrachloroethene	1.1	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-L	30-Jun-04	0	0.5	Trichloroethene	1.1	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Fluoride	1.54	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Antimony	0.383	mg/kg	UNV	479931.71	1346608.58

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Arsenic	4.51	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Beryllium	0.268	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Cadmium	0.154	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Lead	6.03	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Manganese	666	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Molybdenum	1.29	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Silver	0.101	mg/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Aroclor-1254	1.3	ug/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Aroclor-1260	3.72	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Dieldrin	1.49	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Cesium-137	0.0287	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Lead-210	0.948	pCi/g	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Neptunium-237	0.0962	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Plutonium-238	0.0955	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Radium-226	0.594	pCi/g	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Radium-228	0.322	pCi/g	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Strontium-90	0.495	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Technetium-99	1.18	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Thorium-228	0.332	pCi/g	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Thorium-230	3.32	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Thorium-232	0.322	pCi/g	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Uranium, Total	3.11	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Benzo(a)anthracene	0.0372	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Benzo(a)pyrene	0.0372	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Benzo(b)fluoranthene	0.0372	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Benzo(g,h,i)perylene	0.0372	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Benzo(k)fluoranthene	0.0372	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Chrysene	0.0372	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Dibenzo(a,h)anthracene	0.0372	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Fluoranthene	0.0372	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Indeno(1,2,3-cd)pyrene	0.0372	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Phenanthrene	0.0372	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^1-RMPS	11-May-04	0		Pyrene	0.0372	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-L	30-Jun-04	0.5	1	1,1-Dichloroethene	1.13	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-L	30-Jun-04	0.5	1	Bromodichloromethane	1.13	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-L	30-Jun-04	0.5	1	Tetrachloroethene	1.13	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-L	30-Jun-04	0.5	1	Trichloroethene	1.13	ug/kg	UNV	479931.71	1346608.58

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Fluoride	1.77	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Antimony	0.387	mg/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Arsenic	6.24	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Beryllium	0.428	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Cadmium	0.0713	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Lead	11.3	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Manganese	577	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Molybdenum	1.13	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Silver	0.102	mg/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Aroclor-1254	1.2	ug/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Aroclor-1260	3.86	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Dieldrin	1.54	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Cesium-137	0.0333	pCi/g	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Lead-210	0.567	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Neptunium-237	0.119	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Plutonium-238	0.136	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Radium-226	0.663	pCi/g	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Radium-228	0.352	pCi/g	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Strontium-90	0.684	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Technetium-99	1.21	pCi/g	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Thorium-228	0.354	pCi/g	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Thorium-230	7.03	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Thorium-232	0.352	pCi/g	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Uranium, Total	4.95	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Benzo(a)anthracene	0.0195	ug/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Benzo(a)pyrene	0.0386	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Benzo(b)fluoranthene	0.0386	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Benzo(g,h,i)perylene	0.0386	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Benzo(k)fluoranthene	0.0386	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Chrysene	0.0386	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Dibenzo(a,h)anthracene	0.0386	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Fluoranthene	0.0212	ug/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Indeno(1,2,3-cd)pyrene	0.0386	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Phenanthrene	0.0386	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^2-RMPS	11-May-04	0.5		Pyrene	0.0295	ug/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-L	30-Jun-04	1	1.5	1,1-Dichloroethene	1.1	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-L	30-Jun-04	1	1.5	Bromodichloromethane	1.1	ug/kg	UNV	479931.71	1346608.58

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3	PPDDT-3^3-L	30-Jun-04	1	1.5	Tetrachloroethene	0.443	ug/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-L	30-Jun-04	1	1.5	Trichloroethene	1.1	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Fluoride	2.12	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Antimony	0.519	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Arsenic	6.46	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Beryllium	0.396	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Cadmium	0.197	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Lead	7.6	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Manganese	811	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Molybdenum	1.4	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Silver	0.104	mg/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Aroclor-1254	1.8	ug/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Aroclor-1260	3.9	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Dieldrin	1.56	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Cesium-137	0.0183	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Lead-210	0.926	pCi/g	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Neptunium-237	0.0319	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Plutonium-238	0.111	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Radium-226	0.845	pCi/g	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Radium-228	0.424	pCi/g	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Strontium-90	0.565	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Technetium-99	1.34	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Thorium-228	0.421	pCi/g	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Thorium-230	4.66	pCi/g	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Thorium-232	0.424	pCi/g	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Uranium, Total	4.34	mg/kg	NV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Benzo(a)anthracene	0.039	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Benzo(a)pyrene	0.039	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Benzo(b)fluoranthene	0.039	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Benzo(g,h,i)perylene	0.039	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Benzo(k)fluoranthene	0.039	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Chrysene	0.039	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Dibenzo(a,h)anthracene	0.039	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Fluoranthene	0.039	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Indeno(1,2,3-cd)pyrene	0.039	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Phenanthrene	0.039	ug/kg	UNV	479931.71	1346608.58
PPDDT-3	PPDDT-3^3-RMPS	11-May-04	1		Pyrene	0.039	ug/kg	UNV	479931.71	1346608.58

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3L1	PPDDT-3L1^1-L	1-Jul-04	0	0.5	1,1-Dichloroethene	1.08	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-L	1-Jul-04	0	0.5	Bromodichloromethane	1.08	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-L	1-Jul-04	0	0.5	Tetrachloroethene	1.08	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-L	1-Jul-04	0	0.5	Trichloroethene	1.08	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Fluoride	1.34	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Antimony	0.38	mg/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Arsenic	3.9	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Beryllium	0.217	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Cadmium	0.129	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Lead	3.35	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Manganese	450	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Molybdenum	0.814	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Silver	0.1	mg/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Aroclor-1254	3.72	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Aroclor-1260	3.72	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Dieldrin	1.49	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Cesium-137	0.0178	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Lead-210	1.34	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Neptunium-237	0.273	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Plutonium-238	0.15	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Radium-226	1.04	pCi/g	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Radium-228	0.251	pCi/g	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Strontium-90	0.228	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Technetium-99	1.71	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Thorium-228	0.245	pCi/g	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Thorium-230	6.99	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Thorium-232	0.251	pCi/g	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Uranium, Total	1.14	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Benzo(a)anthracene	0.0372	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Benzo(a)pyrene	0.0372	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Benzo(b)fluoranthene	0.0372	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Benzo(g,h,i)perylene	0.0372	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Benzo(k)fluoranthene	0.0372	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Chrysene	0.0372	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Dibenzo(a,h)anthracene	0.0372	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Fluoranthene	0.0372	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Indeno(1,2,3-cd)pyrene	0.0372	ug/kg	UNV	479949.48	1346601.12

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Phenanthrene	0.0372	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^1-RMPS	12-May-04	0		Pyrene	0.0372	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-L	1-Jul-04	0.5	1	1,1-Dichloroethene	1.13	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-L	1-Jul-04	0.5	1	Bromodichloromethane	1.13	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-L	1-Jul-04	0.5	1	Tetrachloroethene	1.13	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-L	1-Jul-04	0.5	1	Trichloroethene	1.13	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Fluoride	1.42	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Antimony	0.385	mg/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Arsenic	3.77	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Beryllium	0.221	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Cadmium	0.103	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Lead	6.06	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Manganese	270	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Molybdenum	0.901	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Silver	0.101	mg/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Aroclor-1254	3.74	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Aroclor-1260	3.74	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Dieldrin	0.444	ug/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Cesium-137	0.0261	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Lead-210	1.22	pCi/g	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Neptunium-237	0.0495	pCi/g	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Plutonium-238	0.169	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Radium-226	0.614	pCi/g	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Radium-228	0.206	pCi/g	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Strontium-90	0.275	pCi/g	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Technetium-99	1.83	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Thorium-228	0.211	pCi/g	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Thorium-230	3.18	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Thorium-232	0.206	pCi/g	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Uranium, Total	2.4	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Benzo(a)anthracene	0.0374	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Benzo(a)pyrene	0.0374	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Benzo(b)fluoranthene	0.0374	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Benzo(g,h,i)perylene	0.0374	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Benzo(k)fluoranthene	0.0374	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Chrysene	0.0374	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Dibenzo(a,h)anthracene	0.0374	ug/kg	UNV	479949.48	1346601.12

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Fluoranthene	0.0374	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Indeno(1,2,3-cd)pyrene	0.0374	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Phenanthrene	0.0374	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^2-RMPS	12-May-04	0.5		Pyrene	0.0374	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-L	1-Jul-04	1	1.5	1,1-Dichloroethene	1.09	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-L	1-Jul-04	1	1.5	Bromodichloromethane	1.09	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-L	1-Jul-04	1	1.5	Tetrachloroethene	1.09	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-L	1-Jul-04	1	1.5	Trichloroethene	1.09	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Fluoride	1.8	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Antimony	0.396	mg/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Arsenic	4.35	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Beryllium	0.22	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Cadmium	0.133	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Lead	4.56	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Manganese	253	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Molybdenum	1.27	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Silver	0.104	mg/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Aroclor-1254	3.89	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Aroclor-1260	3.89	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Dieldrin	0.803	ug/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Cesium-137	0.0266	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Lead-210	1.19	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Neptunium-237	0.188	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Plutonium-238	0.137	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Radium-226	0.748	pCi/g	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Radium-228	0.271	pCi/g	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Strontium-90	0.258	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Technetium-99	1.6	pCi/g	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Thorium-228	0.276	pCi/g	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Thorium-230	10.3	pCi/g	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Thorium-232	0.271	pCi/g	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Uranium, Total	2.1	mg/kg	NV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Benzo(a)anthracene	0.0389	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Benzo(a)pyrene	0.0389	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Benzo(b)fluoranthene	0.0389	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Benzo(g,h,i)perylene	0.0389	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Benzo(k)fluoranthene	0.0389	ug/kg	UNV	479949.48	1346601.12

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Chrysene	0.0389	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Dibenzo(a,h)anthracene	0.0195	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Fluoranthene	0.0389	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Indeno(1,2,3-cd)pyrene	0.0389	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Phenanthrene	0.0389	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L1	PPDDT-3L1^3-RMPS	12-May-04	1		Pyrene	0.0389	ug/kg	UNV	479949.48	1346601.12
PPDDT-3L2	PPDDT-3L2^1-L	1-Jul-04	0	0.5	1,1-Dichloroethene	1.04	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-L	1-Jul-04	0	0.5	Bromodichloromethane	1.04	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-L	1-Jul-04	0	0.5	Tetrachloroethene	1.04	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-L	1-Jul-04	0	0.5	Trichloroethene	1.04	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Fluoride	0.911	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Antimony	0.353	mg/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Arsenic	4.36	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Beryllium	0.214	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Cadmium	0.0888	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Lead	5.12	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Manganese	589	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Molybdenum	0.779	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Silver	0.0929	mg/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Aroclor-1254	3.45	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Aroclor-1260	3.45	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Dieldrin	1.38	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Cesium-137	0.024	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Lead-210	0.926	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Neptunium-237	0.13	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Plutonium-238	0.058	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Radium-226	0.493	pCi/g	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Radium-228	0.274	pCi/g	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Strontium-90	0.23	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Technetium-99	1.58	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Thorium-228	0.284	pCi/g	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Thorium-230	5.67	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Thorium-232	0.274	pCi/g	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Uranium, Total	3.37	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Benzo(a)anthracene	0.0345	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Benzo(a)pyrene	0.0345	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Benzo(b)fluoranthene	0.0345	ug/kg	UNV	479968.37	1346593.76

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Benzo(g,h,i)perylene	0.0345	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Benzo(k)fluoranthene	0.0345	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Chrysene	0.0345	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Dibenzo(a,h)anthracene	0.0345	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Fluoranthene	0.0345	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Indeno(1,2,3-cd)pyrene	0.0345	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Phenanthrene	0.0345	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^1-RMPS	12-May-04	0		Pyrene	0.0345	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-L	1-Jul-04	0.5	1	1,1-Dichloroethene	1.04	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-L	1-Jul-04	0.5	1	Bromodichloromethane	1.04	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-L	1-Jul-04	0.5	1	Tetrachloroethene	1.04	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-L	1-Jul-04	0.5	1	Trichloroethene	1.04	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Fluoride	1.15	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Antimony	0.365	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Arsenic	9.16	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Beryllium	0.32	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Cadmium	0.112	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Lead	6.92	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Manganese	571	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Molybdenum	1.3	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Silver	0.0941	mg/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Aroclor-1254	3.49	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Aroclor-1260	3.49	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Dieldrin	1.4	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Cesium-137	0.022	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Lead-210	1.07	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Neptunium-237	0.182	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Plutonium-238	0.142	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Radium-226	0.637	pCi/g	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Radium-228	0.282	pCi/g	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Strontium-90	0.32	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Technetium-99	1.8	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Thorium-228	0.283	pCi/g	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Thorium-230	5.85	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Thorium-232	0.282	pCi/g	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Uranium, Total	1.53	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Benzo(a)anthracene	0.0333	ug/kg	NV	479968.37	1346593.76

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Benzo(a)pyrene	0.0256	ug/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Benzo(b)fluoranthene	0.0344	ug/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Benzo(g,h,i)perylene	0.0349	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Benzo(k)fluoranthene	0.0179	ug/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Chrysene	0.0295	ug/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Dibenzo(a,h)anthracene	0.0349	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Fluoranthene	0.0603	ug/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Indeno(1,2,3-cd)pyrene	0.0349	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Phenanthrene	0.0252	ug/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^2-RMPS	12-May-04	0.5		Pyrene	0.0496	ug/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-L	1-Jul-04	1	1.5	1,1-Dichloroethene	1.04	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-L	1-Jul-04	1	1.5	Bromodichloromethane	1.04	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-L	1-Jul-04	1	1.5	Tetrachloroethene	1.04	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-L	1-Jul-04	1	1.5	Trichloroethene	1.04	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Fluoride	1.56	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Antimony	0.36	mg/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Arsenic	6.16	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Beryllium	0.292	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Cadmium	0.0992	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Lead	5.94	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Manganese	687	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Molybdenum	1.45	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Silver	0.0947	mg/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Aroclor-1254	3.53	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Aroclor-1260	3.53	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Dieldrin	1.41	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Cesium-137	0.0208	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Lead-210	1.07	pCi/g	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Neptunium-237	0.14	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Plutonium-238	0.163	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Radium-226	0.975	pCi/g	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Radium-228	0.252	pCi/g	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Strontium-90	0.285	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Technetium-99	1.68	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Thorium-228	0.252	pCi/g	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Thorium-230	6.88	pCi/g	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Thorium-232	0.252	pCi/g	NV	479968.37	1346593.76

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Uranium, Total	1.41	mg/kg	NV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Benzo(a)anthracene	0.0353	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Benzo(a)pyrene	0.0353	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Benzo(b)fluoranthene	0.0353	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Benzo(g,h,i)perylene	0.0353	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Benzo(k)fluoranthene	0.0353	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Chrysene	0.0353	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Dibenzo(a,h)anthracene	0.0353	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Fluoranthene	0.0353	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Indeno(1,2,3-cd)pyrene	0.0353	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Phenanthrene	0.0353	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L2	PPDDT-3L2^3-RMPS	12-May-04	1		Pyrene	0.0353	ug/kg	UNV	479968.37	1346593.76
PPDDT-3L3	PPDDT-3L3^1-L	1-Jul-04	0	0.5	1,1-Dichloroethene	1.14	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-L	1-Jul-04	0	0.5	Bromodichloromethane	1.14	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-L	1-Jul-04	0	0.5	Tetrachloroethene	1.14	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-L	1-Jul-04	0	0.5	Trichloroethene	1.14	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Fluoride	2.02	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Antimony	0.403	mg/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Arsenic	5.26	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Beryllium	0.408	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Cadmium	0.108	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Lead	9.79	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Manganese	480	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Molybdenum	0.939	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Silver	0.106	mg/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Aroclor-1254	3.92	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Aroclor-1260	3.92	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Dieldrin	7.84	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Cesium-137	0.0421	pCi/g	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Lead-210	0.995	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Neptunium-237	0.149	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Plutonium-238	0.167	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Radium-226	0.823	pCi/g	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Radium-228	0.623	pCi/g	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Strontium-90	0.25	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Technetium-99	1.9	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Thorium-228	0.64	pCi/g	NV	479991.16	1346585.64

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Thorium-230	8.61	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Thorium-232	0.623	pCi/g	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Uranium, Total	2.54	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Benzo(a)anthracene	0.0481	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Benzo(a)pyrene	0.038	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Benzo(b)fluoranthene	0.0507	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Benzo(g,h,i)perylene	0.0264	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Benzo(k)fluoranthene	0.0279	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Chrysene	0.0373	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Dibenzo(a,h)anthracene	0.0392	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Fluoranthene	0.0788	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Indeno(1,2,3-cd)pyrene	0.0241	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Phenanthrene	0.0311	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^1-RMPS	12-May-04	0		Pyrene	0.0626	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-L	1-Jul-04	0.5	1	1,1-Dichloroethene	1.1	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-L	1-Jul-04	0.5	1	Bromodichloromethane	1.1	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-L	1-Jul-04	0.5	1	Tetrachloroethene	1.1	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-L	1-Jul-04	0.5	1	Trichloroethene	1.1	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Fluoride	2.05	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Antimony	0.393	mg/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Arsenic	6.03	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Beryllium	0.423	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Cadmium	0.148	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Lead	9.54	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Manganese	505	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Molybdenum	1.04	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Silver	0.103	mg/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Aroclor-1254	3.81	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Aroclor-1260	3.81	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Dieldrin	0.221	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Cesium-137	0.041	pCi/g	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Lead-210	1.34	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Neptunium-237	0.123	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Plutonium-238	0.046	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Radium-226	0.83	pCi/g	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Radium-228	0.621	pCi/g	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Strontium-90	0.419	pCi/g	NV	479991.16	1346585.64

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Technetium-99	1.86	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Thorium-228	0.624	pCi/g	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Thorium-230	8.14	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Thorium-232	0.621	pCi/g	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Uranium, Total	2.17	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Benzo(a)anthracene	0.072	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Benzo(a)pyrene	0.0683	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Benzo(b)fluoranthene	0.0929	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Benzo(g,h,i)perylene	0.0403	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Benzo(k)fluoranthene	0.0385	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Chrysene	0.0765	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Dibenzo(a,h)anthracene	0.0381	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Fluoranthene	0.137	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Indeno(1,2,3-cd)pyrene	0.0377	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Phenanthrene	0.048	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^2-RMPS	12-May-04	0.5		Pyrene	0.104	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-L	1-Jul-04	1	1.5	1,1-Dichloroethene	1.11	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-L	1-Jul-04	1	1.5	Bromodichloromethane	1.11	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-L	1-Jul-04	1	1.5	Tetrachloroethene	1.11	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-L	1-Jul-04	1	1.5	Trichloroethene	1.11	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Fluoride	1.79	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Antimony	0.384	mg/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Arsenic	4.69	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Beryllium	0.315	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Cadmium	0.105	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Lead	6.75	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Manganese	425	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Molybdenum	0.861	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Silver	0.101	mg/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Aroclor-1254	3.73	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Aroclor-1260	3.73	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Dieldrin	0.348	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Cesium-137	0.0217	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Lead-210	1.26	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Neptunium-237	0.196	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Plutonium-238	0.0557	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Radium-226	0.674	pCi/g	NV	479991.16	1346585.64

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Radium-228	0.5	pCi/g	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Strontium-90	0.233	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Technetium-99	1.68	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Thorium-228	0.518	pCi/g	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Thorium-230	6.13	pCi/g	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Thorium-232	0.5	pCi/g	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Uranium, Total	3.29	mg/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Benzo(a)anthracene	0.0373	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Benzo(a)pyrene	0.0373	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Benzo(b)fluoranthene	0.0202	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Benzo(g,h,i)perylene	0.0373	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Benzo(k)fluoranthene	0.0373	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Chrysene	0.0373	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Dibenzo(a,h)anthracene	0.0373	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Fluoranthene	0.028	ug/kg	NV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Indeno(1,2,3-cd)pyrene	0.0373	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Phenanthrene	0.0373	ug/kg	UNV	479991.16	1346585.64
PPDDT-3L3	PPDDT-3L3^3-RMPS	12-May-04	1		Pyrene	0.0244	ug/kg	NV	479991.16	1346585.64
PPDDT-3L4	PPDDT-3L4^1-L	1-Jul-04	0	0.5	1,1-Dichloroethene	1.05	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-L	1-Jul-04	0	0.5	Bromodichloromethane	1.05	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-L	1-Jul-04	0	0.5	Tetrachloroethene	1.05	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-L	1-Jul-04	0	0.5	Trichloroethene	1.05	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Fluoride	1.28	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Antimony	0.38	mg/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Arsenic	4.26	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Beryllium	0.331	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Cadmium	0.0639	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Lead	8.34	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Manganese	407	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Molybdenum	0.941	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Silver	0.0998	mg/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Aroclor-1254	3.69	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Aroclor-1260	3.69	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Dieldrin	7.39	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Cesium-137	0.0319	pCi/g	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Lead-210	0.996	pCi/g	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Neptunium-237	0.141	pCi/g	UNV	479998.03	1346579.98

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Plutonium-238	0.0917	pCi/g	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Radium-226	0.536	pCi/g	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Radium-228	0.459	pCi/g	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Strontium-90	0.273	pCi/g	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Technetium-99	1.67	pCi/g	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Thorium-228	0.477	pCi/g	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Thorium-230	11.2	pCi/g	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Thorium-232	0.459	pCi/g	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Uranium, Total	2.29	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Benzo(a)anthracene	0.0379	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Benzo(a)pyrene	0.031	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Benzo(b)fluoranthene	0.04	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Benzo(g,h,i)perylene	0.0205	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Benzo(k)fluoranthene	0.0233	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Chrysene	0.0321	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Dibenzo(a,h)anthracene	0.0369	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Fluoranthene	0.0639	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Indeno(1,2,3-cd)pyrene	0.0369	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Phenanthrene	0.0313	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^1-RMPS	12-May-04	0		Pyrene	0.0465	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-L	1-Jul-04	0.5	1	1,1-Dichloroethene	1.14	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-L	1-Jul-04	0.5	1	Bromodichloromethane	1.14	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-L	1-Jul-04	0.5	1	Tetrachloroethene	1.14	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-L	1-Jul-04	0.5	1	Trichloroethene	1.14	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Fluoride	1.82	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Antimony	0.382	mg/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Arsenic	6.82	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Beryllium	0.426	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Cadmium	0.136	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Lead	10.4	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Manganese	543	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Molybdenum	1.16	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Silver	0.1	mg/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Aroclor-1254	3.77	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Aroclor-1260	3.77	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Dieldrin	7.53	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Cesium-137	0.0283	pCi/g	UNV	479998.03	1346579.98

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Lead-210	0.821	pCi/g	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Neptunium-237	0.152	pCi/g	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Plutonium-238	0.0864	pCi/g	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Radium-226	0.633	pCi/g	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Radium-228	0.565	pCi/g	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Strontium-90	0.308	pCi/g	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Technetium-99	1.97	pCi/g	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Thorium-228	0.568	pCi/g	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Thorium-230	7.98	pCi/g	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Thorium-232	0.565	pCi/g	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Uranium, Total	5.53	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Benzo(a)anthracene	0.189	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Benzo(a)pyrene	0.182	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Benzo(b)fluoranthene	0.246	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Benzo(g,h,i)perylene	0.11	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Benzo(k)fluoranthene	0.103	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Chrysene	0.201	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Dibenzo(a,h)anthracene	0.0377	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Fluoranthene	0.427	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Indeno(1,2,3-cd)pyrene	0.105	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Phenanthrene	0.25	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^2-RMPS	12-May-04	0.5		Pyrene	0.316	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-L	1-Jul-04	1	1.5	1,1-Dichloroethene	1.12	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-L	1-Jul-04	1	1.5	Bromodichloromethane	1.12	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-L	1-Jul-04	1	1.5	Tetrachloroethene	1.12	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-L	1-Jul-04	1	1.5	Trichloroethene	1.12	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Fluoride	2.59	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Antimony	0.422	mg/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Arsenic	5.86	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Beryllium	0.503	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Cadmium	0.166	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Lead	12.3	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Manganese	597	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Molybdenum	1.14	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Silver	0.111	mg/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Aroclor-1254	4.12	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Aroclor-1260	4.12	ug/kg	UNV	479998.03	1346579.98

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Dieldrin	1.65	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Cesium-137	0.051	pCi/g	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Lead-210	0.966	pCi/g	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Neptunium-237	0.253	pCi/g	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Plutonium-238	0.162	pCi/g	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Radium-226	0.855	pCi/g	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Radium-228	0.761	pCi/g	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Strontium-90	0.236	pCi/g	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Technetium-99	1.74	pCi/g	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Thorium-228	0.771	pCi/g	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Thorium-230	8.55	pCi/g	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Thorium-232	0.761	pCi/g	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Uranium, Total	3.35	mg/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Benzo(a)anthracene	0.103	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Benzo(a)pyrene	0.106	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Benzo(b)fluoranthene	0.133	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Benzo(g,h,i)perylene	0.054	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Benzo(k)fluoranthene	0.0629	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Chrysene	0.111	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Dibenzo(a,h)anthracene	0.0412	ug/kg	UNV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Fluoranthene	0.243	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Indeno(1,2,3-cd)pyrene	0.0521	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Phenanthrene	0.121	ug/kg	NV	479998.03	1346579.98
PPDDT-3L4	PPDDT-3L4^3-RMPS	12-May-04	1		Pyrene	0.184	ug/kg	NV	479998.03	1346579.98
PPDDT-3R1	PPDDT-3R1^1-L	30-Jun-04	0	0.5	1,1-Dichloroethene	1.16	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-L	30-Jun-04	0	0.5	Bromodichloromethane	1.16	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-L	30-Jun-04	0	0.5	Tetrachloroethene	1.16	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-L	30-Jun-04	0	0.5	Trichloroethene	1.16	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Fluoride	2.78	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Antimony	0.402	mg/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Arsenic	5.71	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Beryllium	0.487	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Cadmium	0.128	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Lead	10.7	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Manganese	546	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Molybdenum	1.49	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Silver	0.105	mg/kg	UNV	479921.93	1346612.32

APPENDIX A
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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Aroclor-1254	2.3	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Aroclor-1260	3.3	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Dieldrin	1.6	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Cesium-137	0.0364	pCi/g	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Lead-210	0.758	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Neptunium-237	0.121	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Plutonium-238	0.0821	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Radium-226	1.69	pCi/g	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Radium-228	0.652	pCi/g	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Strontium-90	0.493	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Technetium-99	1.36	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Thorium-228	0.67	pCi/g	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Thorium-230	11.9	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Thorium-232	0.652	pCi/g	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Uranium, Total	6.22	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Benzo(a)anthracene	0.0399	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Benzo(a)pyrene	0.112	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Benzo(b)fluoranthene	0.034	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Benzo(g,h,i)perylene	0.0813	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Benzo(k)fluoranthene	0.0399	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Chrysene	0.0228	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Dibenzo(a,h)anthracene	0.0399	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Fluoranthene	0.0452	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Indeno(1,2,3-cd)pyrene	0.0399	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Phenanthrene	0.0259	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^1-RMPS	11-May-04	0		Pyrene	0.0364	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-L	30-Jun-04	0.5	1	1,1-Dichloroethene	1.14	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-L	30-Jun-04	0.5	1	Bromodichloromethane	1.14	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-L	30-Jun-04	0.5	1	Tetrachloroethene	1.14	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-L	30-Jun-04	0.5	1	Trichloroethene	1.14	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Fluoride	2.77	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Antimony	0.384	mg/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Arsenic	4.93	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Beryllium	0.408	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Cadmium	0.14	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Lead	9.12	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Manganese	515	mg/kg	NV	479921.93	1346612.32

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Molybdenum	1.27	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Silver	0.101	mg/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Aroclor-1254	1.9	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Aroclor-1260	1.9	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Dieldrin	1.5	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Cesium-137	0.0425	pCi/g	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Lead-210	0.876	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Neptunium-237	0.101	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Plutonium-238	0.116	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Radium-226	1.11	pCi/g	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Radium-228	0.566	pCi/g	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Strontium-90	0.411	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Technetium-99	1.34	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Thorium-228	0.567	pCi/g	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Thorium-230	4.85	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Thorium-232	0.566	pCi/g	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Uranium, Total	5.56	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Benzo(a)anthracene	0.0374	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Benzo(a)pyrene	0.102	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Benzo(b)fluoranthene	0.0374	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Benzo(g,h,i)perylene	0.0374	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Benzo(k)fluoranthene	0.024	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Chrysene	0.0374	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Dibenzo(a,h)anthracene	0.0374	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Fluoranthene	0.0326	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Indeno(1,2,3-cd)pyrene	0.0374	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Phenanthrene	0.0374	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^2-RMPS	11-May-04	0.5		Pyrene	0.0252	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-L	30-Jun-04	1	1.5	1,1-Dichloroethene	1.14	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-L	30-Jun-04	1	1.5	Bromodichloromethane	1.14	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-L	30-Jun-04	1	1.5	Tetrachloroethene	1.14	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-L	30-Jun-04	1	1.5	Trichloroethene	1.14	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Fluoride	2.61	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Antimony	0.364	mg/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Arsenic	8	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Beryllium	0.321	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Cadmium	0.122	mg/kg	NV	479921.93	1346612.32

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Lead	7.19	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Manganese	422	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Molybdenum	1.49	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Silver	0.0957	mg/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Aroclor-1254	3.57	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Aroclor-1260	3.57	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Dieldrin	1.43	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Cesium-137	0.0164	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Lead-210	0.726	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Neptunium-237	0.0984	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Plutonium-238	0.0994	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Radium-226	0.634	pCi/g	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Radium-228	0.7	pCi/g	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Strontium-90	0.643	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Technetium-99	1.46	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Thorium-228	0.931	pCi/g	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Thorium-230	5.56	pCi/g	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Thorium-232	0.7	pCi/g	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Uranium, Total	4.96	mg/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Benzo(a)anthracene	0.021	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Benzo(a)pyrene	0.0357	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Benzo(b)fluoranthene	0.0207	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Benzo(g,h,i)perylene	0.0357	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Benzo(k)fluoranthene	0.0357	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Chrysene	0.0357	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Dibenzo(a,h)anthracene	0.0357	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Fluoranthene	0.0323	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Indeno(1,2,3-cd)pyrene	0.0357	ug/kg	UNV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Phenanthrene	0.0278	ug/kg	NV	479921.93	1346612.32
PPDDT-3R1	PPDDT-3R1^3-RMPS	11-May-04	1		Pyrene	0.0273	ug/kg	NV	479921.93	1346612.32
PPDDT-3R2	PPDDT-3R2^1-L	30-Jun-04	0	0.5	1,1-Dichloroethene	1.05	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-L	30-Jun-04	0	0.5	Bromodichloromethane	1.05	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-L	30-Jun-04	0	0.5	Tetrachloroethene	1.05	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-L	30-Jun-04	0	0.5	Trichloroethene	1.05	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Fluoride	1.66	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Antimony	0.372	mg/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Arsenic	5.17	mg/kg	NV	479926.61	1346610.88

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Beryllium	0.361	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Cadmium	0.0931	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Lead	9.03	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Manganese	465	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Molybdenum	1.05	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Silver	0.0979	mg/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Aroclor-1254	2.1	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Aroclor-1260	3.66	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Dieldrin	7.32	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Cesium-137	0.0343	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Lead-210	0.854	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Neptunium-237	0.107	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Plutonium-238	0.111	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Radium-226	1.59	pCi/g	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Radium-228	0.595	pCi/g	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Strontium-90	0.624	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Technetium-99	1.31	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Thorium-228	0.607	pCi/g	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Thorium-230	9.16	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Thorium-232	0.595	pCi/g	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Uranium, Total	3.52	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Benzo(a)anthracene	0.0366	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Benzo(a)pyrene	0.0366	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Benzo(b)fluoranthene	0.0366	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Benzo(g,h,i)perylene	0.0366	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Benzo(k)fluoranthene	0.0366	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Chrysene	0.0366	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Dibenzo(a,h)anthracene	0.0366	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Fluoranthene	0.0366	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Indeno(1,2,3-cd)pyrene	0.0366	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Phenanthrene	0.0366	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^1-RMPS	11-May-04	0		Pyrene	0.0366	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-L	30-Jun-04	0.5	1	1,1-Dichloroethene	1.11	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-L	30-Jun-04	0.5	1	Bromodichloromethane	1.11	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-L	30-Jun-04	0.5	1	Tetrachloroethene	1.11	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-L	30-Jun-04	0.5	1	Trichloroethene	1.11	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Fluoride	2.55	mg/kg	NV	479926.61	1346610.88

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Antimony	0.461	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Arsenic	5.14	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Beryllium	0.47	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Cadmium	0.185	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Lead	12.1	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Manganese	542	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Molybdenum	0.895	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Silver	0.111	mg/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Aroclor-1254	4.1	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Aroclor-1260	4.1	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Dieldrin	8.19	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Cesium-137	0.0372	pCi/g	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Lead-210	0.762	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Neptunium-237	0.0628	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Plutonium-238	0.131	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Radium-226	1.66	pCi/g	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Radium-228	0.754	pCi/g	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Strontium-90	0.531	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Technetium-99	1.21	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Thorium-228	0.761	pCi/g	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Thorium-230	3.54	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Thorium-232	0.754	pCi/g	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Uranium, Total	4.41	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Benzo(a)anthracene	0.0679	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Benzo(a)pyrene	0.154	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Benzo(b)fluoranthene	0.105	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Benzo(g,h,i)perylene	0.116	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Benzo(k)fluoranthene	0.041	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Chrysene	0.0734	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Dibenzo(a,h)anthracene	0.041	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Fluoranthene	0.144	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Indeno(1,2,3-cd)pyrene	0.142	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Phenanthrene	0.0889	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^2-RMPS	11-May-04	0.5		Pyrene	0.121	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-L	30-Jun-04	1	1.5	1,1-Dichloroethene	1.15	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-L	30-Jun-04	1	1.5	Bromodichloromethane	1.15	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-L	30-Jun-04	1	1.5	Tetrachloroethene	1.15	ug/kg	UNV	479926.61	1346610.88

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PPDDT-3R2	PPDDT-3R2^3-L	30-Jun-04	1	1.5	Trichloroethene	1.15	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Fluoride	3.45	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Antimony	0.409	mg/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Arsenic	5.33	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Beryllium	0.421	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Cadmium	0.147	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Lead	10.2	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Manganese	602	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Molybdenum	1.02	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Silver	0.108	mg/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Aroclor-1254	4.01	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Aroclor-1260	4.01	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Dieldrin	0.412	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Cesium-137	0.0498	pCi/g	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Lead-210	0.982	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Neptunium-237	0.11	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Plutonium-238	0.0772	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Radium-226	1.19	pCi/g	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Radium-228	0.645	pCi/g	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Strontium-90	0.586	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Technetium-99	1.52	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Thorium-228	0.739	pCi/g	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Thorium-230	6.15	pCi/g	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Thorium-232	0.645	pCi/g	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Uranium, Total	6.94	mg/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Benzo(a)anthracene	0.0401	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Benzo(a)pyrene	0.145	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Benzo(b)fluoranthene	0.0401	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Benzo(g,h,i)perylene	0.107	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Benzo(k)fluoranthene	0.087	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Chrysene	0.0632	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Dibenzo(a,h)anthracene	0.0401	ug/kg	UNV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Fluoranthene	0.137	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Indeno(1,2,3-cd)pyrene	0.131	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Phenanthrene	0.0671	ug/kg	NV	479926.61	1346610.88
PPDDT-3R2	PPDDT-3R2^3-RMPS	11-May-04	1		Pyrene	0.104	ug/kg	NV	479926.61	1346610.88
PRC-1	PRC-1^1-L	22-Jul-04	0	0.5	1,1-Dichloroethene	1.1	ug/kg	UNV	482574.214	1345906.951

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRC-1	PRC-1^1-L	22-Jul-04	0	0.5	Bromodichloromethane	1.1	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-L	22-Jul-04	0	0.5	Tetrachloroethene	1.1	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-L	22-Jul-04	0	0.5	Trichloroethene	1.1	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Fluoride	4.98	mg/kg	NV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Antimony	2.52	mg/kg	NV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Arsenic	5.23	mg/kg	NV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Beryllium	0.307	mg/kg	NV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Cadmium	1.85	mg/kg	NV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Lead	9.1	mg/kg	NV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Manganese	521	mg/kg	NV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Molybdenum	0.603	mg/kg	NV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Silver	0.327	mg/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Aroclor-1254	9.34	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Aroclor-1260	9.34	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Dieldrin	0.747	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Cesium-137	0.0415	pCi/g	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Radium-226	0.815	pCi/g	NV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Radium-228	0.568	pCi/g	NV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Technetium-99	0.712	pCi/g	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Thorium-228	0.611	pCi/g	NV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Thorium-230	12.6	pCi/g	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Thorium-232	0.568	pCi/g	NV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Uranium, Total	6.17	mg/kg	NV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Benzo(a)anthracene	0.0816	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Benzo(a)pyrene	0.0816	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Benzo(b)fluoranthene	0.0816	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Benzo(g,h,i)perylene	0.0816	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Benzo(k)fluoranthene	0.0816	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Chrysene	0.0816	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Dibenzo(a,h)anthracene	0.0287	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Fluoranthene	0.0816	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0816	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Phenanthrene	0.0816	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^1-RMPS	22-Jul-04	0	0.5	Pyrene	0.0816	ug/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^2-R	22-Jul-04	0.5	1	Radium-226	0.996	pCi/g	NV	482574.214	1345906.951
PRC-1	PRC-1^2-R	22-Jul-04	0.5	1	Radium-228	0.743	pCi/g	NV	482574.214	1345906.951
PRC-1	PRC-1^2-R	22-Jul-04	0.5	1	Thorium-228	0.738	pCi/g	NV	482574.214	1345906.951

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRC-1	PRC-1^2-R	22-Jul-04	0.5	1	Thorium-230	16	pCi/g	UNV	482574.214	1345906.951
PRC-1	PRC-1^2-R	22-Jul-04	0.5	1	Thorium-232	0.743	pCi/g	NV	482574.214	1345906.951
PRC-1	PRC-1^2-R	22-Jul-04	0.5	1	Uranium, Total	2.98	mg/kg	UNV	482574.214	1345906.951
PRC-1	PRC-1^3-R	22-Jul-04	1	1.5	Radium-226	0.898	pCi/g	NV	482574.214	1345906.951
PRC-1	PRC-1^3-R	22-Jul-04	1	1.5	Radium-228	0.719	pCi/g	NV	482574.214	1345906.951
PRC-1	PRC-1^3-R	22-Jul-04	1	1.5	Thorium-228	0.719	pCi/g	NV	482574.214	1345906.951
PRC-1	PRC-1^3-R	22-Jul-04	1	1.5	Thorium-230	16.5	pCi/g	UNV	482574.214	1345906.951
PRC-1	PRC-1^3-R	22-Jul-04	1	1.5	Thorium-232	0.719	pCi/g	NV	482574.214	1345906.951
PRC-1	PRC-1^3-R	22-Jul-04	1	1.5	Uranium, Total	3	mg/kg	UNV	482574.214	1345906.951
PRC-2	PRC-2^1-L	22-Jul-04	0	0.5	1,1-Dichloroethene	1.2	ug/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-L	22-Jul-04	0	0.5	Bromodichloromethane	1.2	ug/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-L	22-Jul-04	0	0.5	Tetrachloroethene	1.2	ug/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-L	22-Jul-04	0	0.5	Trichloroethene	1.2	ug/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Fluoride	2.22	mg/kg	NV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Antimony	1.9	mg/kg	NV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Arsenic	3.95	mg/kg	NV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Beryllium	0.193	mg/kg	NV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Cadmium	1.24	mg/kg	NV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Lead	8.37	mg/kg	NV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Manganese	554	mg/kg	NV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Molybdenum	0.457	mg/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Silver	0.332	mg/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Aroclor-1254	9.4	ug/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Aroclor-1260	9.4	ug/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Dieldrin	0.752	ug/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Cesium-137	0.0554	pCi/g	NV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Radium-226	0.803	pCi/g	NV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Radium-228	0.532	pCi/g	NV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Technetium-99	0.714	pCi/g	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Thorium-228	0.526	pCi/g	NV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Thorium-230	13.4	pCi/g	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Thorium-232	0.532	pCi/g	NV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Uranium, Total	4.82	mg/kg	NV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Benzo(a)anthracene	0.0804	ug/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Benzo(a)pyrene	0.0804	ug/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Benzo(b)fluoranthene	0.0804	ug/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Benzo(g,h,i)perylene	0.0804	ug/kg	UNV	482574.276	1345910.332

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Benzo(k)fluoranthene	0.0804	ug/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Chrysene	0.0804	ug/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Dibenzo(a,h)anthracene	0.0283	ug/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Fluoranthene	0.0438	ug/kg	NV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0804	ug/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Phenanthrene	0.0804	ug/kg	UNV	482574.276	1345910.332
PRC-2	PRC-2^1-RMPS	22-Jul-04	0	0.5	Pyrene	0.0433	ug/kg	NV	482574.276	1345910.332
PRC-3	PRC-3^1-L	18-Aug-04	0	0.5	1,1-Dichloroethene	1.12	ug/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-L	18-Aug-04	0	0.5	Bromodichloromethane	1.12	ug/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-L	18-Aug-04	0	0.5	Tetrachloroethene	1.12	ug/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-L	18-Aug-04	0	0.5	Trichloroethene	1.12	ug/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Fluoride	1.2	mg/kg	NV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Antimony	0.724	mg/kg	NV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Arsenic	7.94	mg/kg	NV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Beryllium	0.588	mg/kg	NV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Cadmium	0.067	mg/kg	NV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Lead	8.09	mg/kg	NV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Manganese	455	mg/kg	NV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Molybdenum	0.999	mg/kg	NV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Silver	0.0988	mg/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Aroclor-1254	3.65	ug/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Aroclor-1260	3.65	ug/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Dieldrin	0.411	ug/kg	NV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Cesium-137	0.0518	pCi/g	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Radium-226	0.783	pCi/g	NV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Radium-228	0.622	pCi/g	NV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Technetium-99	0.867	pCi/g	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Thorium-228	0.671	pCi/g	NV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Thorium-230	1.46	pCi/g	NV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Thorium-232	0.622	pCi/g	NV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Uranium, Total	3.06	mg/kg	NV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Benzo(a)anthracene	0.0365	ug/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Benzo(a)pyrene	0.0365	ug/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0365	ug/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0365	ug/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0365	ug/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Chrysene	0.0365	ug/kg	UNV	479041.912	1346738.06

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0182	ug/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Fluoranthene	0.0365	ug/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0365	ug/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Phenanthrene	0.0365	ug/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^1-RMPS	18-Aug-04	0	0.5	Pyrene	0.0365	ug/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^2-R	18-Aug-04	0.5	1	Radium-226	0.639	pCi/g	NV	479041.912	1346738.06
PRC-3	PRC-3^2-R	18-Aug-04	0.5	1	Radium-228	0.416	pCi/g	NV	479041.912	1346738.06
PRC-3	PRC-3^2-R	18-Aug-04	0.5	1	Thorium-228	0.416	pCi/g	NV	479041.912	1346738.06
PRC-3	PRC-3^2-R	18-Aug-04	0.5	1	Thorium-230	2.12	pCi/g	NV	479041.912	1346738.06
PRC-3	PRC-3^2-R	18-Aug-04	0.5	1	Thorium-232	0.416	pCi/g	NV	479041.912	1346738.06
PRC-3	PRC-3^2-R	18-Aug-04	0.5	1	Uranium, Total	1.92	mg/kg	UNV	479041.912	1346738.06
PRC-3	PRC-3^3-R	18-Aug-04	1	1.5	Radium-226	0.652	pCi/g	NV	479041.912	1346738.06
PRC-3	PRC-3^3-R	18-Aug-04	1	1.5	Radium-228	0.386	pCi/g	NV	479041.912	1346738.06
PRC-3	PRC-3^3-R	18-Aug-04	1	1.5	Thorium-228	0.395	pCi/g	NV	479041.912	1346738.06
PRC-3	PRC-3^3-R	18-Aug-04	1	1.5	Thorium-230	1.27	pCi/g	NV	479041.912	1346738.06
PRC-3	PRC-3^3-R	18-Aug-04	1	1.5	Thorium-232	0.386	pCi/g	NV	479041.912	1346738.06
PRC-3	PRC-3^3-R	18-Aug-04	1	1.5	Uranium, Total	5.24	mg/kg	NV	479041.912	1346738.06
PRC-4	PRC-4^1-L	18-Aug-04	0	0.5	1,1-Dichloroethene	1.13	ug/kg	UNV	479042.354	1346735.858
PRC-4	PRC-4^1-L	18-Aug-04	0	0.5	Bromodichloromethane	1.13	ug/kg	UNV	479042.354	1346735.858
PRC-4	PRC-4^1-L	18-Aug-04	0	0.5	Tetrachloroethene	1.13	ug/kg	UNV	479042.354	1346735.858
PRC-4	PRC-4^1-L	18-Aug-04	0	0.5	Trichloroethene	1.13	ug/kg	UNV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Fluoride	1.04	mg/kg	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Antimony	0.388	mg/kg	UNV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Arsenic	5.47	mg/kg	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Beryllium	0.598	mg/kg	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Cadmium	0.103	mg/kg	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Lead	12.9	mg/kg	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Manganese	508	mg/kg	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Molybdenum	0.859	mg/kg	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Silver	0.102	mg/kg	UNV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Aroclor-1254	3.84	ug/kg	UNV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Aroclor-1260	3.84	ug/kg	UNV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Dieldrin	1.29	ug/kg	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Cesium-137	0.0923	pCi/g	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Radium-226	1	pCi/g	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Radium-228	0.602	pCi/g	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Technetium-99	0.867	pCi/g	UNV	479042.354	1346735.858

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Thorium-228	0.582	pCi/g	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Thorium-230	1.87	pCi/g	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Thorium-232	0.602	pCi/g	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Uranium, Total	3.47	mg/kg	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Benzo(a)anthracene	0.0381	ug/kg	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Benzo(a)pyrene	0.034	ug/kg	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0435	ug/kg	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0384	ug/kg	UNV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0384	ug/kg	UNV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Chrysene	0.0358	ug/kg	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0192	ug/kg	UNV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Fluoranthene	0.0778	ug/kg	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0384	ug/kg	UNV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Phenanthrene	0.0321	ug/kg	NV	479042.354	1346735.858
PRC-4	PRC-4^1-RMPS	18-Aug-04	0	0.5	Pyrene	0.0539	ug/kg	NV	479042.354	1346735.858
PRC-5	PRC-5^1-L	18-Aug-04	0	0.5	1,1-Dichloroethene	1.16	ug/kg	UNV	478986.96	1346832.843
PRC-5	PRC-5^1-L	18-Aug-04	0	0.5	Bromodichloromethane	1.16	ug/kg	UNV	478986.96	1346832.843
PRC-5	PRC-5^1-L	18-Aug-04	0	0.5	Tetrachloroethene	1.16	ug/kg	UNV	478986.96	1346832.843
PRC-5	PRC-5^1-L	18-Aug-04	0	0.5	Trichloroethene	1.16	ug/kg	UNV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Fluoride	0.608	mg/kg	UNV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Antimony	0.378	mg/kg	UNV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Arsenic	3.57	mg/kg	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Beryllium	0.243	mg/kg	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Cadmium	0.0527	mg/kg	UNV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Lead	5.22	mg/kg	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Manganese	569	mg/kg	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Molybdenum	0.7	mg/kg	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Silver	0.0994	mg/kg	UNV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Aroclor-1254	3.67	ug/kg	UNV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Aroclor-1260	3.67	ug/kg	UNV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Dieldrin	0.828	ug/kg	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Cesium-137	0.0611	pCi/g	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Radium-226	0.738	pCi/g	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Radium-228	0.335	pCi/g	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Technetium-99	0.859	pCi/g	UNV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Thorium-228	0.354	pCi/g	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Thorium-230	1.12	pCi/g	NV	478986.96	1346832.843

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Thorium-232	0.335	pCi/g	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Uranium, Total	2.1	mg/kg	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Benzo(a)anthracene	0.0259	ug/kg	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Benzo(a)pyrene	0.0188	ug/kg	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0367	ug/kg	UNV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0367	ug/kg	UNV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0367	ug/kg	UNV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Chrysene	0.022	ug/kg	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0184	ug/kg	UNV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Fluoranthene	0.0465	ug/kg	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0367	ug/kg	UNV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Phenanthrene	0.0188	ug/kg	NV	478986.96	1346832.843
PRC-5	PRC-5^1-RMPS	18-Aug-04	0	0.5	Pyrene	0.0354	ug/kg	NV	478986.96	1346832.843
PRC-5	PRC-5^2-R	18-Aug-04	0.5	1	Radium-226	0.885	pCi/g	NV	478986.96	1346832.843
PRC-5	PRC-5^2-R	18-Aug-04	0.5	1	Radium-228	0.438	pCi/g	NV	478986.96	1346832.843
PRC-5	PRC-5^2-R	18-Aug-04	0.5	1	Thorium-228	0.451	pCi/g	NV	478986.96	1346832.843
PRC-5	PRC-5^2-R	18-Aug-04	0.5	1	Thorium-230	1.55	pCi/g	NV	478986.96	1346832.843
PRC-5	PRC-5^2-R	18-Aug-04	0.5	1	Thorium-232	0.438	pCi/g	NV	478986.96	1346832.843
PRC-5	PRC-5^2-R	18-Aug-04	0.5	1	Uranium, Total	2.65	mg/kg	NV	478986.96	1346832.843
PRC-5	PRC-5^3-R	18-Aug-04	1	1.5	Radium-226	0.921	pCi/g	NV	478986.96	1346832.843
PRC-5	PRC-5^3-R	18-Aug-04	1	1.5	Radium-228	0.377	pCi/g	NV	478986.96	1346832.843
PRC-5	PRC-5^3-R	18-Aug-04	1	1.5	Thorium-228	0.359	pCi/g	NV	478986.96	1346832.843
PRC-5	PRC-5^3-R	18-Aug-04	1	1.5	Thorium-230	2.22	pCi/g	NV	478986.96	1346832.843
PRC-5	PRC-5^3-R	18-Aug-04	1	1.5	Thorium-232	0.377	pCi/g	NV	478986.96	1346832.843
PRC-5	PRC-5^3-R	18-Aug-04	1	1.5	Uranium, Total	1.75	mg/kg	NV	478986.96	1346832.843
PRC-6	PRC-6^1-L	18-Aug-04	0	0.5	1,1-Dichloroethene	1.12	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-L	18-Aug-04	0	0.5	Bromodichloromethane	1.12	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-L	18-Aug-04	0	0.5	Tetrachloroethene	1.12	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-L	18-Aug-04	0	0.5	Trichloroethene	1.12	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Fluoride	0.974	mg/kg	NV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Antimony	0.391	mg/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Arsenic	4.78	mg/kg	NV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Beryllium	0.33	mg/kg	NV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Cadmium	0.0644	mg/kg	NV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Lead	7.57	mg/kg	NV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Manganese	827	mg/kg	NV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Molybdenum	1.08	mg/kg	NV	478987.077	1346836.099

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Silver	0.103	mg/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Aroclor-1254	3.8	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Aroclor-1260	3.8	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Dieldrin	1.52	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Cesium-137	0.0283	pCi/g	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Radium-226	0.948	pCi/g	NV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Radium-228	0.425	pCi/g	NV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Technetium-99	0.886	pCi/g	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Thorium-228	0.424	pCi/g	NV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Thorium-230	0.975	pCi/g	NV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Thorium-232	0.425	pCi/g	NV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Uranium, Total	2.37	mg/kg	NV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Benzo(a)anthracene	0.038	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Benzo(a)pyrene	0.038	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Benzo(b)fluoranthene	0.038	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.038	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Benzo(k)fluoranthene	0.038	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Chrysene	0.038	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.019	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Fluoranthene	0.038	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.038	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Phenanthrene	0.038	ug/kg	UNV	478987.077	1346836.099
PRC-6	PRC-6^1-RMPS	18-Aug-04	0	0.5	Pyrene	0.038	ug/kg	UNV	478987.077	1346836.099
PRD-1	PRD-1^1-L	22-Jul-04	0	0.5	1,1-Dichloroethene	1.1	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-L	22-Jul-04	0	0.5	Bromodichloromethane	1.1	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-L	22-Jul-04	0	0.5	Tetrachloroethene	1.1	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-L	22-Jul-04	0	0.5	Trichloroethene	1.1	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Fluoride	5.16	mg/kg	NV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Antimony	2.99	mg/kg	NV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Arsenic	5.64	mg/kg	NV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Beryllium	0.318	mg/kg	NV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Cadmium	2.03	mg/kg	NV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Lead	9.08	mg/kg	NV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Manganese	473	mg/kg	NV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Molybdenum	0.44	mg/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Silver	0.32	mg/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Aroclor-1254	9.39	ug/kg	UNV	482495.812	1345873.96

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Aroclor-1260	9.39	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Dieldrin	0.751	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Cesium-137	0.0421	pCi/g	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Radium-226	0.748	pCi/g	NV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Radium-228	0.562	pCi/g	NV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Technetium-99	0.703	pCi/g	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Thorium-228	0.563	pCi/g	NV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Thorium-230	12.9	pCi/g	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Thorium-232	0.562	pCi/g	NV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Uranium, Total	2.37	mg/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Benzo(a)anthracene	0.0814	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Benzo(a)pyrene	0.0814	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Benzo(b)fluoranthene	0.0814	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Benzo(g,h,i)perylene	0.0814	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Benzo(k)fluoranthene	0.0814	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Chrysene	0.0814	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Dibenzo(a,h)anthracene	0.0286	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Fluoranthene	0.0814	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0814	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Phenanthrene	0.0814	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^1-RMPS	22-Jul-04	0	0.5	Pyrene	0.0814	ug/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^2-R	22-Jul-04	0.5	1	Radium-226	0.886	pCi/g	NV	482495.812	1345873.96
PRD-1	PRD-1^2-R	22-Jul-04	0.5	1	Radium-228	0.642	pCi/g	NV	482495.812	1345873.96
PRD-1	PRD-1^2-R	22-Jul-04	0.5	1	Thorium-228	0.655	pCi/g	NV	482495.812	1345873.96
PRD-1	PRD-1^2-R	22-Jul-04	0.5	1	Thorium-230	16.5	pCi/g	UNV	482495.812	1345873.96
PRD-1	PRD-1^2-R	22-Jul-04	0.5	1	Thorium-232	0.642	pCi/g	NV	482495.812	1345873.96
PRD-1	PRD-1^2-R	22-Jul-04	0.5	1	Uranium, Total	2.94	mg/kg	UNV	482495.812	1345873.96
PRD-1	PRD-1^3-R	22-Jul-04	1	1.5	Radium-226	0.86	pCi/g	NV	482495.812	1345873.96
PRD-1	PRD-1^3-R	22-Jul-04	1	1.5	Radium-228	0.637	pCi/g	NV	482495.812	1345873.96
PRD-1	PRD-1^3-R	22-Jul-04	1	1.5	Thorium-228	0.643	pCi/g	NV	482495.812	1345873.96
PRD-1	PRD-1^3-R	22-Jul-04	1	1.5	Thorium-230	15.6	pCi/g	UNV	482495.812	1345873.96
PRD-1	PRD-1^3-R	22-Jul-04	1	1.5	Thorium-232	0.637	pCi/g	NV	482495.812	1345873.96
PRD-1	PRD-1^3-R	22-Jul-04	1	1.5	Uranium, Total	2.94	mg/kg	UNV	482495.812	1345873.96
PRD-10	PRD-10^1-L	12-Aug-04	0	0.5	1,1-Dichloroethene	1.14	ug/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-L	12-Aug-04	0	0.5	Bromodichloromethane	1.14	ug/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-L	12-Aug-04	0	0.5	Tetrachloroethene	1.14	ug/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-L	12-Aug-04	0	0.5	Trichloroethene	1.14	ug/kg	UNV	481107.27	1346373.39

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Fluoride	0.906	mg/kg	NV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Antimony	0.631	mg/kg	NV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Arsenic	3.51	mg/kg	NV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Beryllium	0.23	mg/kg	NV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Cadmium	0.094	mg/kg	NV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Lead	4.83	mg/kg	NV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Manganese	564	mg/kg	NV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Molybdenum	0.594	mg/kg	NV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Silver	0.0955	mg/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Aroclor-1254	3.57	ug/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Aroclor-1260	3.57	ug/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Dieldrin	1.43	ug/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Cesium-137	0.0257	pCi/g	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Radium-226	0.414	pCi/g	NV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Radium-228	0.276	pCi/g	NV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Technetium-99	1.08	pCi/g	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Thorium-228	0.269	pCi/g	NV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Thorium-230	0.811	pCi/g	NV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Thorium-232	0.276	pCi/g	NV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Uranium, Total	1.6	mg/kg	NV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Benzo(a)anthracene	0.107	ug/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Benzo(a)pyrene	0.107	ug/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Benzo(b)fluoranthene	0.107	ug/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.107	ug/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Benzo(k)fluoranthene	0.107	ug/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Chrysene	0.107	ug/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0535	ug/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Fluoranthene	0.0733	ug/kg	NV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.107	ug/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Phenanthrene	0.107	ug/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^1-RMPS	12-Aug-04	0	0.5	Pyrene	0.107	ug/kg	UNV	481107.27	1346373.39
PRD-10	PRD-10^2-R	12-Aug-04	0.5	1	Radium-226	0.577	pCi/g	NV	481107.27	1346373.39
PRD-10	PRD-10^2-R	12-Aug-04	0.5	1	Radium-228	0.387	pCi/g	NV	481107.27	1346373.39
PRD-10	PRD-10^2-R	12-Aug-04	0.5	1	Thorium-228	0.385	pCi/g	NV	481107.27	1346373.39
PRD-10	PRD-10^2-R	12-Aug-04	0.5	1	Thorium-230	2.8	pCi/g	NV	481107.27	1346373.39
PRD-10	PRD-10^2-R	12-Aug-04	0.5	1	Thorium-232	0.387	pCi/g	NV	481107.27	1346373.39
PRD-10	PRD-10^2-R	12-Aug-04	0.5	1	Uranium, Total	1.91	mg/kg	UNV	481107.27	1346373.39

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-10	PRD-10^3-R	12-Aug-04	1	1.5	Radium-226	0.666	pCi/g	NV	481107.27	1346373.39
PRD-10	PRD-10^3-R	12-Aug-04	1	1.5	Radium-228	0.444	pCi/g	NV	481107.27	1346373.39
PRD-10	PRD-10^3-R	12-Aug-04	1	1.5	Thorium-228	0.449	pCi/g	NV	481107.27	1346373.39
PRD-10	PRD-10^3-R	12-Aug-04	1	1.5	Thorium-230	1.29	pCi/g	NV	481107.27	1346373.39
PRD-10	PRD-10^3-R	12-Aug-04	1	1.5	Thorium-232	0.444	pCi/g	NV	481107.27	1346373.39
PRD-10	PRD-10^3-R	12-Aug-04	1	1.5	Uranium, Total	1.95	mg/kg	UNV	481107.27	1346373.39
PRD-11	PRD-11^1-L	12-Aug-04	0	0.5	1,1-Dichloroethene	1.09	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-L	12-Aug-04	0	0.5	Bromodichloromethane	1.09	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-L	12-Aug-04	0	0.5	Tetrachloroethene	1.09	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-L	12-Aug-04	0	0.5	Trichloroethene	1.09	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Fluoride	0.863	mg/kg	NV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Antimony	0.382	mg/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Arsenic	7.17	mg/kg	NV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Beryllium	0.257	mg/kg	NV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Cadmium	0.119	mg/kg	NV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Lead	6.12	mg/kg	NV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Manganese	304	mg/kg	NV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Molybdenum	3.25	mg/kg	NV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Silver	0.1	mg/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Aroclor-1254	3.76	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Aroclor-1260	3.76	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Dieldrin	1.5	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Cesium-137	0.0314	pCi/g	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Radium-226	0.614	pCi/g	NV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Radium-228	0.36	pCi/g	NV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Technetium-99	1.14	pCi/g	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Thorium-228	0.351	pCi/g	NV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Thorium-230	1.37	pCi/g	NV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Thorium-232	0.36	pCi/g	NV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Uranium, Total	2.65	mg/kg	NV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Benzo(a)anthracene	0.113	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Benzo(a)pyrene	0.113	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Benzo(b)fluoranthene	0.113	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.113	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Benzo(k)fluoranthene	0.113	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Chrysene	0.113	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0563	ug/kg	UNV	480328.87	1346579.02

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Fluoranthene	0.113	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.113	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Phenanthrene	0.113	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^1-RMPS	12-Aug-04	0	0.5	Pyrene	0.113	ug/kg	UNV	480328.87	1346579.02
PRD-11	PRD-11^2-R	12-Aug-04	0.5	1	Radium-226	0.652	pCi/g	NV	480328.87	1346579.02
PRD-11	PRD-11^2-R	12-Aug-04	0.5	1	Radium-228	0.282	pCi/g	NV	480328.87	1346579.02
PRD-11	PRD-11^2-R	12-Aug-04	0.5	1	Thorium-228	0.288	pCi/g	NV	480328.87	1346579.02
PRD-11	PRD-11^2-R	12-Aug-04	0.5	1	Thorium-230	2.72	pCi/g	NV	480328.87	1346579.02
PRD-11	PRD-11^2-R	12-Aug-04	0.5	1	Thorium-232	0.282	pCi/g	NV	480328.87	1346579.02
PRD-11	PRD-11^2-R	12-Aug-04	0.5	1	Uranium, Total	1.92	mg/kg	NV	480328.87	1346579.02
PRD-11	PRD-11^3-R	12-Aug-04	1	1.5	Radium-226	0.612	pCi/g	NV	480328.87	1346579.02
PRD-11	PRD-11^3-R	12-Aug-04	1	1.5	Radium-228	0.399	pCi/g	NV	480328.87	1346579.02
PRD-11	PRD-11^3-R	12-Aug-04	1	1.5	Thorium-228	0.43	pCi/g	NV	480328.87	1346579.02
PRD-11	PRD-11^3-R	12-Aug-04	1	1.5	Thorium-230	3.17	pCi/g	NV	480328.87	1346579.02
PRD-11	PRD-11^3-R	12-Aug-04	1	1.5	Thorium-232	0.399	pCi/g	NV	480328.87	1346579.02
PRD-11	PRD-11^3-R	12-Aug-04	1	1.5	Uranium, Total	3	mg/kg	NV	480328.87	1346579.02
PRD-12	PRD-12^1-L	16-Aug-04	0	0.5	1,1-Dichloroethene	1.09	ug/kg	UNV	479600.8	1346406
PRD-12	PRD-12^1-L	16-Aug-04	0	0.5	Bromodichloromethane	1.09	ug/kg	UNV	479600.8	1346406
PRD-12	PRD-12^1-L	16-Aug-04	0	0.5	Tetrachloroethene	1.09	ug/kg	UNV	479600.8	1346406
PRD-12	PRD-12^1-L	16-Aug-04	0	0.5	Trichloroethene	1.09	ug/kg	UNV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Fluoride	2.01	mg/kg	NV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Antimony	0.376	mg/kg	UNV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Arsenic	4.47	mg/kg	NV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Beryllium	0.427	mg/kg	NV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Cadmium	0.0718	mg/kg	NV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Lead	8.97	mg/kg	NV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Manganese	543	mg/kg	NV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Molybdenum	0.855	mg/kg	NV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Silver	0.0987	mg/kg	UNV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Aroclor-1254	3.68	ug/kg	UNV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Aroclor-1260	3.68	ug/kg	UNV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Dieldrin	1.47	ug/kg	UNV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Cesium-137	0.0438	pCi/g	U	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Radium-226	1.06	pCi/g	-	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Radium-228	0.648	pCi/g	-	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Technetium-99	0.756	pCi/g	U	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Thorium-228	0.634	pCi/g	-	479600.8	1346406

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Thorium-230	1.89	pCi/g	J	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Thorium-232	0.648	pCi/g	-	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Uranium, Total	4.42	mg/kg	-	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Benzo(a)anthracene	0.0256	ug/kg	NV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Benzo(a)pyrene	0.0236	ug/kg	NV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Benzo(b)fluoranthene	0.038	ug/kg	NV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0368	ug/kg	UNV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0368	ug/kg	UNV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Chrysene	0.0321	ug/kg	NV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0184	ug/kg	UNV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Fluoranthene	0.0481	ug/kg	NV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0368	ug/kg	UNV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Phenanthrene	0.0208	ug/kg	NV	479600.8	1346406
PRD-12	PRD-12^1-RMPS	16-Aug-04	0	0.5	Pyrene	0.0401	ug/kg	NV	479600.8	1346406
PRD-12	PRD-12^2-R	16-Aug-04	0.5	1	Radium-226	0.912	pCi/g	-	479600.8	1346406
PRD-12	PRD-12^2-R	16-Aug-04	0.5	1	Radium-228	0.471	pCi/g	-	479600.8	1346406
PRD-12	PRD-12^2-R	16-Aug-04	0.5	1	Thorium-228	0.458	pCi/g	-	479600.8	1346406
PRD-12	PRD-12^2-R	16-Aug-04	0.5	1	Thorium-230	2.8	pCi/g	J	479600.8	1346406
PRD-12	PRD-12^2-R	16-Aug-04	0.5	1	Thorium-232	0.471	pCi/g	-	479600.8	1346406
PRD-12	PRD-12^2-R	16-Aug-04	0.5	1	Uranium, Total	3.24	mg/kg	-	479600.8	1346406
PRD-12	PRD-12^3-R	16-Aug-04	1	1.5	Radium-226	0.795	pCi/g	-	479600.8	1346406
PRD-12	PRD-12^3-R	16-Aug-04	1	1.5	Radium-228	0.369	pCi/g	-	479600.8	1346406
PRD-12	PRD-12^3-R	16-Aug-04	1	1.5	Thorium-228	0.385	pCi/g	-	479600.8	1346406
PRD-12	PRD-12^3-R	16-Aug-04	1	1.5	Thorium-230	3.83	pCi/g	J	479600.8	1346406
PRD-12	PRD-12^3-R	16-Aug-04	1	1.5	Thorium-232	0.369	pCi/g	-	479600.8	1346406
PRD-12	PRD-12^3-R	16-Aug-04	1	1.5	Uranium, Total	2.86	mg/kg	-	479600.8	1346406
PRD-13	PRD-13^1-L	16-Aug-04	0	0.5	1,1-Dichloroethene	1.05	ug/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-L	16-Aug-04	0	0.5	Bromodichloromethane	1.05	ug/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-L	16-Aug-04	0	0.5	Tetrachloroethene	1.05	ug/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-L	16-Aug-04	0	0.5	Trichloroethene	1.05	ug/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Fluoride	0.974	mg/kg	NV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Antimony	0.567	mg/kg	NV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Arsenic	3.38	mg/kg	NV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Beryllium	0.235	mg/kg	NV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Cadmium	0.115	mg/kg	NV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Lead	5	mg/kg	NV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Manganese	580	mg/kg	NV	479480.19	1346419.61

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Molybdenum	0.716	mg/kg	NV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Silver	0.0945	mg/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Aroclor-1254	10.5	ug/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Aroclor-1260	10.5	ug/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Dieldrin	4.19	ug/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Cesium-137	0.0348	pCi/g	U	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Radium-226	0.631	pCi/g	-	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Radium-228	0.186	pCi/g	-	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Technetium-99	0.933	pCi/g	U	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Thorium-228	0.185	pCi/g	-	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Thorium-230	1.16	pCi/g	J	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Thorium-232	0.186	pCi/g	-	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Uranium, Total	2.73	mg/kg	-	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Benzo(a)anthracene	0.0349	ug/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Benzo(a)pyrene	0.0349	ug/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0349	ug/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0349	ug/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0349	ug/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Chrysene	0.0349	ug/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0175	ug/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Fluoranthene	0.0193	ug/kg	NV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0349	ug/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Phenanthrene	0.0349	ug/kg	UNV	479480.19	1346419.61
PRD-13	PRD-13^1-RMPS	16-Aug-04	0	0.5	Pyrene	0.0184	ug/kg	NV	479480.19	1346419.61
PRD-13	PRD-13^2-R	16-Aug-04	0.5	1	Radium-226	0.896	pCi/g	-	479480.19	1346419.61
PRD-13	PRD-13^2-R	16-Aug-04	0.5	1	Radium-228	0.259	pCi/g	-	479480.19	1346419.61
PRD-13	PRD-13^2-R	16-Aug-04	0.5	1	Thorium-228	0.274	pCi/g	-	479480.19	1346419.61
PRD-13	PRD-13^2-R	16-Aug-04	0.5	1	Thorium-230	3.69	pCi/g	J	479480.19	1346419.61
PRD-13	PRD-13^2-R	16-Aug-04	0.5	1	Thorium-232	0.259	pCi/g	-	479480.19	1346419.61
PRD-13	PRD-13^2-R	16-Aug-04	0.5	1	Uranium, Total	1.18	mg/kg	U	479480.19	1346419.61
PRD-13	PRD-13^3-R	16-Aug-04	1	1.5	Radium-226	1.05	pCi/g	-	479480.19	1346419.61
PRD-13	PRD-13^3-R	16-Aug-04	1	1.5	Radium-228	0.33	pCi/g	-	479480.19	1346419.61
PRD-13	PRD-13^3-R	16-Aug-04	1	1.5	Thorium-228	0.37	pCi/g	-	479480.19	1346419.61
PRD-13	PRD-13^3-R	16-Aug-04	1	1.5	Thorium-230	2.41	pCi/g	J	479480.19	1346419.61
PRD-13	PRD-13^3-R	16-Aug-04	1	1.5	Thorium-232	0.33	pCi/g	-	479480.19	1346419.61
PRD-13	PRD-13^3-R	16-Aug-04	1	1.5	Uranium, Total	2.49	mg/kg	-	479480.19	1346419.61
PRD-14	PRD-14^1-L	16-Aug-04	0	0.5	1,1-Dichloroethene	1.1	ug/kg	UNV	479185.367	1346640.539

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-14	PRD-14^1-L	16-Aug-04	0	0.5	Bromodichloromethane	1.1	ug/kg	UNV	479185.367	1346640.539
PRD-14	PRD-14^1-L	16-Aug-04	0	0.5	Tetrachloroethene	1.1	ug/kg	UNV	479185.367	1346640.539
PRD-14	PRD-14^1-L	16-Aug-04	0	0.5	Trichloroethene	1.1	ug/kg	UNV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Fluoride	1.1	mg/kg	NV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Antimony	0.377	mg/kg	UNV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Arsenic	4.26	mg/kg	NV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Beryllium	0.396	mg/kg	NV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Cadmium	0.0895	mg/kg	NV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Lead	8.9	mg/kg	NV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Manganese	534	mg/kg	NV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Molybdenum	0.75	mg/kg	NV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Silver	0.0991	mg/kg	UNV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Aroclor-1254	3.66	ug/kg	UNV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Aroclor-1260	3.66	ug/kg	UNV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Dieldrin	1.47	ug/kg	UNV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Cesium-137	0.0393	pCi/g	U	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Radium-226	1.53	pCi/g	-	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Radium-228	0.61	pCi/g	-	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Technetium-99	0.825	pCi/g	U	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Thorium-228	0.598	pCi/g	-	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Thorium-230	1.36	pCi/g	J	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Thorium-232	0.61	pCi/g	-	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Uranium, Total	3.49	mg/kg	J	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Benzo(a)anthracene	0.0611	ug/kg	NV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Benzo(a)pyrene	0.0573	ug/kg	NV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0713	ug/kg	NV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0397	ug/kg	NV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0366	ug/kg	UNV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Chrysene	0.0633	ug/kg	NV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0183	ug/kg	UNV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Fluoranthene	0.125	ug/kg	NV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.035	ug/kg	NV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Phenanthrene	0.0496	ug/kg	NV	479185.367	1346640.539
PRD-14	PRD-14^1-RMPS	16-Aug-04	0	0.5	Pyrene	0.099	ug/kg	NV	479185.367	1346640.539
PRD-14	PRD-14^2-R	16-Aug-04	0.5	1	Radium-226	1.35	pCi/g	-	479185.367	1346640.539
PRD-14	PRD-14^2-R	16-Aug-04	0.5	1	Radium-228	0.56	pCi/g	-	479185.367	1346640.539
PRD-14	PRD-14^2-R	16-Aug-04	0.5	1	Thorium-228	0.56	pCi/g	-	479185.367	1346640.539

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-14	PRD-14^2-R	16-Aug-04	0.5	1	Thorium-230	3.1	pCi/g	J	479185.367	1346640.539
PRD-14	PRD-14^2-R	16-Aug-04	0.5	1	Thorium-232	0.56	pCi/g	-	479185.367	1346640.539
PRD-14	PRD-14^2-R	16-Aug-04	0.5	1	Uranium, Total	3.88	mg/kg	-	479185.367	1346640.539
PRD-14	PRD-14^3-R	16-Aug-04	1	1.5	Radium-226	1.43	pCi/g	-	479185.367	1346640.539
PRD-14	PRD-14^3-R	16-Aug-04	1	1.5	Radium-228	0.501	pCi/g	-	479185.367	1346640.539
PRD-14	PRD-14^3-R	16-Aug-04	1	1.5	Thorium-228	0.509	pCi/g	-	479185.367	1346640.539
PRD-14	PRD-14^3-R	16-Aug-04	1	1.5	Thorium-230	4.24	pCi/g	J	479185.367	1346640.539
PRD-14	PRD-14^3-R	16-Aug-04	1	1.5	Thorium-232	0.501	pCi/g	-	479185.367	1346640.539
PRD-14	PRD-14^3-R	16-Aug-04	1	1.5	Uranium, Total	3.08	mg/kg	-	479185.367	1346640.539
PRD-15	PRD-15^1-L	18-Aug-04	0	0.5	1,1-Dichloroethene	1.02	ug/kg	UNV	478660.397	1346737.652
PRD-15	PRD-15^1-L	18-Aug-04	0	0.5	Bromodichloromethane	1.02	ug/kg	UNV	478660.397	1346737.652
PRD-15	PRD-15^1-L	18-Aug-04	0	0.5	Tetrachloroethene	1.02	ug/kg	UNV	478660.397	1346737.652
PRD-15	PRD-15^1-L	18-Aug-04	0	0.5	Trichloroethene	1.02	ug/kg	UNV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Fluoride	0.908	mg/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Antimony	0.373	mg/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Arsenic	5.86	mg/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Beryllium	0.442	mg/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Cadmium	0.0495	mg/kg	UNV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Lead	10.7	mg/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Manganese	613	mg/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Molybdenum	1.05	mg/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Silver	0.0933	mg/kg	UNV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Aroclor-1254	3.52	ug/kg	UNV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Aroclor-1260	3.52	ug/kg	UNV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Dieldrin	0.483	ug/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Cesium-137	0.0348	pCi/g	UNV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Radium-226	1	pCi/g	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Radium-228	0.549	pCi/g	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Technetium-99	0.899	pCi/g	UNV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Thorium-228	0.566	pCi/g	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Thorium-230	1.15	pCi/g	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Thorium-232	0.549	pCi/g	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Uranium, Total	2.59	mg/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Benzo(a)anthracene	0.0642	ug/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Benzo(a)pyrene	0.0597	ug/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0872	ug/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0243	ug/kg	NV	478660.397	1346737.652

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0352	ug/kg	UNV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Chrysene	0.0691	ug/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0176	ug/kg	UNV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Fluoranthene	0.115	ug/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0243	ug/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Phenanthrene	0.0376	ug/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^1-RMPS	18-Aug-04	0	0.5	Pyrene	0.103	ug/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^2-R	18-Aug-04	0.5	1	Radium-226	0.745	pCi/g	NV	478660.397	1346737.652
PRD-15	PRD-15^2-R	18-Aug-04	0.5	1	Radium-228	0.631	pCi/g	NV	478660.397	1346737.652
PRD-15	PRD-15^2-R	18-Aug-04	0.5	1	Thorium-228	0.641	pCi/g	NV	478660.397	1346737.652
PRD-15	PRD-15^2-R	18-Aug-04	0.5	1	Thorium-230	1.68	pCi/g	NV	478660.397	1346737.652
PRD-15	PRD-15^2-R	18-Aug-04	0.5	1	Thorium-232	0.631	pCi/g	NV	478660.397	1346737.652
PRD-15	PRD-15^2-R	18-Aug-04	0.5	1	Uranium, Total	3.07	mg/kg	NV	478660.397	1346737.652
PRD-15	PRD-15^3-R	18-Aug-04	1	1.5	Radium-226	1.07	pCi/g	NV	478660.397	1346737.652
PRD-15	PRD-15^3-R	18-Aug-04	1	1.5	Radium-228	0.437	pCi/g	NV	478660.397	1346737.652
PRD-15	PRD-15^3-R	18-Aug-04	1	1.5	Thorium-228	0.436	pCi/g	NV	478660.397	1346737.652
PRD-15	PRD-15^3-R	18-Aug-04	1	1.5	Thorium-230	1.07	pCi/g	NV	478660.397	1346737.652
PRD-15	PRD-15^3-R	18-Aug-04	1	1.5	Thorium-232	0.437	pCi/g	NV	478660.397	1346737.652
PRD-15	PRD-15^3-R	18-Aug-04	1	1.5	Uranium, Total	3.1	mg/kg	NV	478660.397	1346737.652
PRD-16	PRD-16^1-L	23-Aug-04	0	0.5	1,1-Dichloroethene	1.1	ug/kg	U	477502.083	1347352.153
PRD-16	PRD-16^1-L	23-Aug-04	0	0.5	Bromodichloromethane	1.1	ug/kg	U	477502.083	1347352.153
PRD-16	PRD-16^1-L	23-Aug-04	0	0.5	Tetrachloroethene	1.1	ug/kg	U	477502.083	1347352.153
PRD-16	PRD-16^1-L	23-Aug-04	0	0.5	Trichloroethene	1.1	ug/kg	U	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Fluoride	1.44	mg/kg	-	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Antimony	1.3	mg/kg	UJ	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Arsenic	6	mg/kg	-	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Beryllium	0.71	mg/kg	-	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Cadmium	0.17	mg/kg	U	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Lead	13.8	mg/kg	J	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Manganese	867	mg/kg	J	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Molybdenum	1.6	mg/kg	-	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Silver	0.101	mg/kg	U	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Aroclor-1254	0.0038	ug/kg	U	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Aroclor-1260	0.0038	ug/kg	U	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Dieldrin	1.52	ug/kg	U	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Cesium-137	0.101	pCi/g	-	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Radium-226	1.29	pCi/g	J	477502.083	1347352.153

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Radium-228	0.943	pCi/g	-	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Technetium-99	1.44	pCi/g	U	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Thorium-228	0.975	pCi/g	-	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Thorium-230	3.48	pCi/g	J	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Thorium-232	0.943	pCi/g	-	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Uranium, Total	7.22	mg/kg	-	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Benzo(a)anthracene	0.037	ug/kg	J	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Benzo(a)pyrene	0.033	ug/kg	J	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Benzo(b)fluoranthene	0.059	ug/kg	-	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.021	ug/kg	J	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Benzo(k)fluoranthene	0.038	ug/kg	U	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Chrysene	0.033	ug/kg	J	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.019	ug/kg	U	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Fluoranthene	0.076	ug/kg	-	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.081	ug/kg	-	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Phenanthrene	0.036	ug/kg	J	477502.083	1347352.153
PRD-16	PRD-16^1-RMPS	23-Aug-04	0	0.5	Pyrene	0.058	ug/kg	-	477502.083	1347352.153
PRD-16	PRD-16^2-R	23-Aug-04	0.5	1	Radium-226	1.2	pCi/g	J	477502.083	1347352.153
PRD-16	PRD-16^2-R	23-Aug-04	0.5	1	Radium-228	1.07	pCi/g	-	477502.083	1347352.153
PRD-16	PRD-16^2-R	23-Aug-04	0.5	1	Thorium-228	1.08	pCi/g	-	477502.083	1347352.153
PRD-16	PRD-16^2-R	23-Aug-04	0.5	1	Thorium-230	2.38	pCi/g	U	477502.083	1347352.153
PRD-16	PRD-16^2-R	23-Aug-04	0.5	1	Thorium-232	1.07	pCi/g	-	477502.083	1347352.153
PRD-16	PRD-16^2-R	23-Aug-04	0.5	1	Uranium, Total	6.04	mg/kg	-	477502.083	1347352.153
PRD-16	PRD-16^3-R	23-Aug-04	1	1.5	Radium-226	1.01	pCi/g	J	477502.083	1347352.153
PRD-16	PRD-16^3-R	23-Aug-04	1	1.5	Radium-228	0.862	pCi/g	-	477502.083	1347352.153
PRD-16	PRD-16^3-R	23-Aug-04	1	1.5	Thorium-228	0.916	pCi/g	-	477502.083	1347352.153
PRD-16	PRD-16^3-R	23-Aug-04	1	1.5	Thorium-230	5.61	pCi/g	J	477502.083	1347352.153
PRD-16	PRD-16^3-R	23-Aug-04	1	1.5	Thorium-232	0.862	pCi/g	-	477502.083	1347352.153
PRD-16	PRD-16^3-R	23-Aug-04	1	1.5	Uranium, Total	2.36	mg/kg	U	477502.083	1347352.153
PRD-17	PRD-17^1-L	23-Aug-04	0	0.5	1,1-Dichloroethene	1.2	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-L	23-Aug-04	0	0.5	Bromodichloromethane	1.2	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-L	23-Aug-04	0	0.5	Tetrachloroethene	1.2	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-L	23-Aug-04	0	0.5	Trichloroethene	1.2	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Fluoride	1.71	mg/kg	-	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Antimony	0.78	mg/kg	UJ	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Arsenic	6.1	mg/kg	-	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Beryllium	0.63	mg/kg	-	477170.461	1347551.471

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Cadmium	0.13	mg/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Lead	13.3	mg/kg	J	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Manganese	798	mg/kg	J	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Molybdenum	1	mg/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Silver	0.105	mg/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Aroclor-1254	0.0039	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Aroclor-1260	0.0039	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Dieldrin	1.56	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Cesium-137	0.0567	pCi/g	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Radium-226	0.95	pCi/g	J	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Radium-228	0.891	pCi/g	-	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Technetium-99	0.481	pCi/g	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Thorium-228	0.89	pCi/g	-	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Thorium-230	2.61	pCi/g	J	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Thorium-232	0.891	pCi/g	-	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Uranium, Total	3.61	mg/kg	-	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Benzo(a)anthracene	0.039	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Benzo(a)pyrene	0.039	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Benzo(b)fluoranthene	0.039	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.039	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Benzo(k)fluoranthene	0.039	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Chrysene	0.039	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.02	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Fluoranthene	0.039	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.039	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Phenanthrene	0.039	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^1-RMPS	23-Aug-04	0	0.5	Pyrene	0.039	ug/kg	U	477170.461	1347551.471
PRD-17	PRD-17^2-R	23-Aug-04	0.5	1	Radium-226	0.899	pCi/g	J	477170.461	1347551.471
PRD-17	PRD-17^2-R	23-Aug-04	0.5	1	Radium-228	0.803	pCi/g	-	477170.461	1347551.471
PRD-17	PRD-17^2-R	23-Aug-04	0.5	1	Thorium-228	0.823	pCi/g	-	477170.461	1347551.471
PRD-17	PRD-17^2-R	23-Aug-04	0.5	1	Thorium-230	3.65	pCi/g	J	477170.461	1347551.471
PRD-17	PRD-17^2-R	23-Aug-04	0.5	1	Thorium-232	0.803	pCi/g	-	477170.461	1347551.471
PRD-17	PRD-17^2-R	23-Aug-04	0.5	1	Uranium, Total	4.66	mg/kg	-	477170.461	1347551.471
PRD-17	PRD-17^3-R	23-Aug-04	1	1.5	Radium-226	1.01	pCi/g	J	477170.461	1347551.471
PRD-17	PRD-17^3-R	23-Aug-04	1	1.5	Radium-228	0.891	pCi/g	-	477170.461	1347551.471
PRD-17	PRD-17^3-R	23-Aug-04	1	1.5	Thorium-228	0.889	pCi/g	-	477170.461	1347551.471
PRD-17	PRD-17^3-R	23-Aug-04	1	1.5	Thorium-230	2.04	pCi/g	J	477170.461	1347551.471

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-17	PRD-17^3-R	23-Aug-04	1	1.5	Thorium-232	0.891	pCi/g	-	477170.461	1347551.471
PRD-17	PRD-17^3-R	23-Aug-04	1	1.5	Uranium, Total	2	mg/kg	U	477170.461	1347551.471
PRD-18	PRD-18^1-L	23-Aug-04	0	0.5	1,1-Dichloroethene	1.1	ug/kg	U	476732.598	1348125.922
PRD-18	PRD-18^1-L	23-Aug-04	0	0.5	Bromodichloromethane	1.1	ug/kg	U	476732.598	1348125.922
PRD-18	PRD-18^1-L	23-Aug-04	0	0.5	Tetrachloroethene	1.1	ug/kg	U	476732.598	1348125.922
PRD-18	PRD-18^1-L	23-Aug-04	0	0.5	Trichloroethene	1.1	ug/kg	U	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Fluoride	1.41	mg/kg	-	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Antimony	0.43	mg/kg	UJ	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Arsenic	5.1	mg/kg	-	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Beryllium	0.31	mg/kg	-	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Cadmium	0.063	mg/kg	U	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Lead	6.5	mg/kg	J	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Manganese	379	mg/kg	J	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Molybdenum	1.7	mg/kg	-	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Silver	0.104	mg/kg	U	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Aroclor-1254	0.022	ug/kg	-	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Aroclor-1260	0.0039	ug/kg	U	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Dieldrin	1.58	ug/kg	U	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Cesium-137	0.0422	pCi/g	U	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Radium-226	0.702	pCi/g	J	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Radium-228	0.381	pCi/g	-	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Technetium-99	0.418	pCi/g	U	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Thorium-228	0.371	pCi/g	-	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Thorium-230	3.27	pCi/g	J	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Thorium-232	0.381	pCi/g	-	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Uranium, Total	4.74	mg/kg	-	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Benzo(a)anthracene	0.039	ug/kg	U	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Benzo(a)pyrene	0.028	ug/kg	J	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Benzo(b)fluoranthene	0.054	ug/kg	-	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.026	ug/kg	J	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Benzo(k)fluoranthene	0.021	ug/kg	J	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Chrysene	0.047	ug/kg	-	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.02	ug/kg	U	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Fluoranthene	0.081	ug/kg	-	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.086	ug/kg	-	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Phenanthrene	0.028	ug/kg	J	476732.598	1348125.922
PRD-18	PRD-18^1-RMPS	23-Aug-04	0	0.5	Pyrene	0.058	ug/kg	-	476732.598	1348125.922

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-18	PRD-18^2-R	23-Aug-04	0.5	1	Radium-226	0.561	pCi/g	J	476732.598	1348125.922
PRD-18	PRD-18^2-R	23-Aug-04	0.5	1	Radium-228	0.415	pCi/g	-	476732.598	1348125.922
PRD-18	PRD-18^2-R	23-Aug-04	0.5	1	Thorium-228	0.422	pCi/g	-	476732.598	1348125.922
PRD-18	PRD-18^2-R	23-Aug-04	0.5	1	Thorium-230	2.24	pCi/g	J	476732.598	1348125.922
PRD-18	PRD-18^2-R	23-Aug-04	0.5	1	Thorium-232	0.415	pCi/g	-	476732.598	1348125.922
PRD-18	PRD-18^2-R	23-Aug-04	0.5	1	Uranium, Total	2.79	mg/kg	-	476732.598	1348125.922
PRD-18	PRD-18^3-R	23-Aug-04	1	1.5	Radium-226	0.554	pCi/g	J	476732.598	1348125.922
PRD-18	PRD-18^3-R	23-Aug-04	1	1.5	Radium-228	0.233	pCi/g	-	476732.598	1348125.922
PRD-18	PRD-18^3-R	23-Aug-04	1	1.5	Thorium-228	0.23	pCi/g	-	476732.598	1348125.922
PRD-18	PRD-18^3-R	23-Aug-04	1	1.5	Thorium-230	2.13	pCi/g	U	476732.598	1348125.922
PRD-18	PRD-18^3-R	23-Aug-04	1	1.5	Thorium-232	0.233	pCi/g	-	476732.598	1348125.922
PRD-18	PRD-18^3-R	23-Aug-04	1	1.5	Uranium, Total	3.16	mg/kg	-	476732.598	1348125.922
PRD-19	PRD-19^1-L	24-Aug-04	0	0.5	1,1-Dichloroethene	1.1	ug/kg	UNV	476494.022	1348139.816
PRD-19	PRD-19^1-L	24-Aug-04	0	0.5	Bromodichloromethane	1.1	ug/kg	UNV	476494.022	1348139.816
PRD-19	PRD-19^1-L	24-Aug-04	0	0.5	Tetrachloroethene	1.1	ug/kg	UNV	476494.022	1348139.816
PRD-19	PRD-19^1-L	24-Aug-04	0	0.5	Trichloroethene	1.1	ug/kg	UNV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Fluoride	1.13	mg/kg	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Antimony	0.619	mg/kg	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Arsenic	3.44	mg/kg	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Beryllium	0.197	mg/kg	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Cadmium	0.0539	mg/kg	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Lead	3.94	mg/kg	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Manganese	283	mg/kg	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Molybdenum	1	mg/kg	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Silver	0.0961	mg/kg	UNV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Aroclor-1254	3	ug/kg	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Aroclor-1260	2.8	ug/kg	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Dieldrin	1.46	ug/kg	UNV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Cesium-137	0.0269	pCi/g	UNV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Radium-226	0.474	pCi/g	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Radium-228	0.32	pCi/g	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Technetium-99	0.505	pCi/g	UNV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Thorium-228	0.323	pCi/g	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Thorium-230	2	pCi/g	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Thorium-232	0.32	pCi/g	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Uranium, Total	1.57	mg/kg	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Benzo(a)anthracene	0.0364	ug/kg	UNV	476494.022	1348139.816

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Benzo(a)pyrene	0.0364	ug/kg	UNV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0275	ug/kg	NV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0364	ug/kg	UNV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0364	ug/kg	UNV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Chrysene	0.0364	ug/kg	UNV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0182	ug/kg	UNV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Fluoranthene	0.0364	ug/kg	UNV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0364	ug/kg	UNV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Phenanthrene	0.0364	ug/kg	UNV	476494.022	1348139.816
PRD-19	PRD-19^1-RMPS	24-Aug-04	0	0.5	Pyrene	0.0364	ug/kg	UNV	476494.022	1348139.816
PRD-19	PRD-19^2-R	24-Aug-04	0.5	1	Radium-226	0.652	pCi/g	NV	476494.022	1348139.816
PRD-19	PRD-19^2-R	24-Aug-04	0.5	1	Radium-228	0.474	pCi/g	NV	476494.022	1348139.816
PRD-19	PRD-19^2-R	24-Aug-04	0.5	1	Thorium-228	0.475	pCi/g	NV	476494.022	1348139.816
PRD-19	PRD-19^2-R	24-Aug-04	0.5	1	Thorium-230	2.1	pCi/g	NV	476494.022	1348139.816
PRD-19	PRD-19^2-R	24-Aug-04	0.5	1	Thorium-232	0.474	pCi/g	NV	476494.022	1348139.816
PRD-19	PRD-19^2-R	24-Aug-04	0.5	1	Uranium, Total	5.03	mg/kg	NV	476494.022	1348139.816
PRD-19	PRD-19^3-R	24-Aug-04	1	1.5	Radium-226	0.927	pCi/g	NV	476494.022	1348139.816
PRD-19	PRD-19^3-R	24-Aug-04	1	1.5	Radium-228	0.599	pCi/g	NV	476494.022	1348139.816
PRD-19	PRD-19^3-R	24-Aug-04	1	1.5	Thorium-228	0.618	pCi/g	NV	476494.022	1348139.816
PRD-19	PRD-19^3-R	24-Aug-04	1	1.5	Thorium-230	3.82	pCi/g	NV	476494.022	1348139.816
PRD-19	PRD-19^3-R	24-Aug-04	1	1.5	Thorium-232	0.599	pCi/g	NV	476494.022	1348139.816
PRD-19	PRD-19^3-R	24-Aug-04	1	1.5	Uranium, Total	4.4	mg/kg	NV	476494.022	1348139.816
PRD-2	PRD-2^1-L	22-Jul-04	0	0.5	1,1-Dichloroethene	1.13	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-L	22-Jul-04	0	0.5	Bromodichloromethane	1.13	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-L	22-Jul-04	0	0.5	Tetrachloroethene	1.13	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-L	22-Jul-04	0	0.5	Trichloroethene	1.13	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Fluoride	5.36	mg/kg	NV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Antimony	2.56	mg/kg	NV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Arsenic	6.29	mg/kg	NV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Beryllium	0.301	mg/kg	NV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Cadmium	1.69	mg/kg	NV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Lead	7.29	mg/kg	NV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Manganese	414	mg/kg	NV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Molybdenum	0.689	mg/kg	NV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Silver	0.325	mg/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Aroclor-1254	9.58	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Aroclor-1260	9.58	ug/kg	UNV	482491.61	1345849.24

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Dieldrin	0.766	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Cesium-137	0.0506	pCi/g	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Radium-226	0.923	pCi/g	NV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Radium-228	0.688	pCi/g	NV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Technetium-99	0.73	pCi/g	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Thorium-228	0.689	pCi/g	NV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Thorium-230	15.8	pCi/g	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Thorium-232	0.688	pCi/g	NV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Uranium, Total	2.88	mg/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Benzo(a)anthracene	0.0814	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Benzo(a)pyrene	0.0814	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Benzo(b)fluoranthene	0.0814	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Benzo(g,h,i)perylene	0.0814	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Benzo(k)fluoranthene	0.0814	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Chrysene	0.0814	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Dibenzo(a,h)anthracene	0.0287	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Fluoranthene	0.0814	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0814	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Phenanthrene	0.0814	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^1-RMPS	22-Jul-04	0	0.5	Pyrene	0.0814	ug/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^2-R	22-Jul-04	0.5	1	Radium-226	0.846	pCi/g	NV	482491.61	1345849.24
PRD-2	PRD-2^2-R	22-Jul-04	0.5	1	Radium-228	0.678	pCi/g	NV	482491.61	1345849.24
PRD-2	PRD-2^2-R	22-Jul-04	0.5	1	Thorium-228	0.688	pCi/g	NV	482491.61	1345849.24
PRD-2	PRD-2^2-R	22-Jul-04	0.5	1	Thorium-230	16.2	pCi/g	UNV	482491.61	1345849.24
PRD-2	PRD-2^2-R	22-Jul-04	0.5	1	Thorium-232	0.678	pCi/g	NV	482491.61	1345849.24
PRD-2	PRD-2^2-R	22-Jul-04	0.5	1	Uranium, Total	2.91	mg/kg	UNV	482491.61	1345849.24
PRD-2	PRD-2^3-R	22-Jul-04	1	1.5	Radium-226	0.817	pCi/g	NV	482491.61	1345849.24
PRD-2	PRD-2^3-R	22-Jul-04	1	1.5	Radium-228	0.675	pCi/g	NV	482491.61	1345849.24
PRD-2	PRD-2^3-R	22-Jul-04	1	1.5	Thorium-228	0.674	pCi/g	NV	482491.61	1345849.24
PRD-2	PRD-2^3-R	22-Jul-04	1	1.5	Thorium-230	16.1	pCi/g	UNV	482491.61	1345849.24
PRD-2	PRD-2^3-R	22-Jul-04	1	1.5	Thorium-232	0.675	pCi/g	NV	482491.61	1345849.24
PRD-2	PRD-2^3-R	22-Jul-04	1	1.5	Uranium, Total	3.37	mg/kg	NV	482491.61	1345849.24
PRD-20	PRD-20^1-L	24-Aug-04	0	0.5	1,1-Dichloroethene	1.1	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-L	24-Aug-04	0	0.5	Bromodichloromethane	1.1	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-L	24-Aug-04	0	0.5	Tetrachloroethene	1.1	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-L	24-Aug-04	0	0.5	Trichloroethene	1.1	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Fluoride	0.599	mg/kg	UNV	476460.527	1348067.247

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Antimony	0.376	mg/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Arsenic	4.07	mg/kg	NV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Beryllium	0.242	mg/kg	NV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Cadmium	0.0546	mg/kg	NV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Lead	5	mg/kg	NV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Manganese	438	mg/kg	NV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Molybdenum	0.501	mg/kg	NV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Silver	0.0988	mg/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Aroclor-1254	3.7	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Aroclor-1260	3.7	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Dieldrin	1.49	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Cesium-137	0.0256	pCi/g	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Radium-226	0.894	pCi/g	NV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Radium-228	0.306	pCi/g	NV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Technetium-99	0.541	pCi/g	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Thorium-228	0.342	pCi/g	NV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Thorium-230	2.44	pCi/g	NV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Thorium-232	0.306	pCi/g	NV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Uranium, Total	1.49	mg/kg	NV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Benzo(a)anthracene	0.0374	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Benzo(a)pyrene	0.0374	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0374	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0374	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0374	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Chrysene	0.0374	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0187	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Fluoranthene	0.0374	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0374	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Phenanthrene	0.0374	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^1-RMPS	24-Aug-04	0	0.5	Pyrene	0.0374	ug/kg	UNV	476460.527	1348067.247
PRD-20	PRD-20^2-R	24-Aug-04	0.5	1	Radium-226	0.571	pCi/g	NV	476460.527	1348067.247
PRD-20	PRD-20^2-R	24-Aug-04	0.5	1	Radium-228	0.289	pCi/g	NV	476460.527	1348067.247
PRD-20	PRD-20^2-R	24-Aug-04	0.5	1	Thorium-228	0.277	pCi/g	NV	476460.527	1348067.247
PRD-20	PRD-20^2-R	24-Aug-04	0.5	1	Thorium-230	1.74	pCi/g	NV	476460.527	1348067.247
PRD-20	PRD-20^2-R	24-Aug-04	0.5	1	Thorium-232	0.289	pCi/g	NV	476460.527	1348067.247
PRD-20	PRD-20^2-R	24-Aug-04	0.5	1	Uranium, Total	2.84	mg/kg	NV	476460.527	1348067.247
PRD-20	PRD-20^3-R	24-Aug-04	1	1.5	Radium-226	0.748	pCi/g	NV	476460.527	1348067.247

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-20	PRD-20^3-R	24-Aug-04	1	1.5	Radium-228	0.351	pCi/g	NV	476460.527	1348067.247
PRD-20	PRD-20^3-R	24-Aug-04	1	1.5	Thorium-228	0.357	pCi/g	NV	476460.527	1348067.247
PRD-20	PRD-20^3-R	24-Aug-04	1	1.5	Thorium-230	2.81	pCi/g	NV	476460.527	1348067.247
PRD-20	PRD-20^3-R	24-Aug-04	1	1.5	Thorium-232	0.351	pCi/g	NV	476460.527	1348067.247
PRD-20	PRD-20^3-R	24-Aug-04	1	1.5	Uranium, Total	2.91	mg/kg	NV	476460.527	1348067.247
PRD-21	PRD-21^1-L	24-Aug-04	0	0.5	1,1-Dichloroethene	1.2	ug/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-L	24-Aug-04	0	0.5	Bromodichloromethane	1.2	ug/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-L	24-Aug-04	0	0.5	Tetrachloroethene	1.2	ug/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-L	24-Aug-04	0	0.5	Trichloroethene	1.2	ug/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Fluoride	1.79	mg/kg	NV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Antimony	0.891	mg/kg	NV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Arsenic	6.33	mg/kg	NV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Beryllium	0.298	mg/kg	NV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Cadmium	0.149	mg/kg	NV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Lead	6.13	mg/kg	NV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Manganese	250	mg/kg	NV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Molybdenum	0.639	mg/kg	NV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Silver	0.108	mg/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Aroclor-1254	6.3	ug/kg	NV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Aroclor-1260	4	ug/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Dieldrin	1.6	ug/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Cesium-137	0.0479	pCi/g	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Radium-226	0.991	pCi/g	NV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Radium-228	0.445	pCi/g	NV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Technetium-99	0.744	pCi/g	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Thorium-228	0.463	pCi/g	NV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Thorium-230	1.78	pCi/g	NV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Thorium-232	0.445	pCi/g	NV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Uranium, Total	3.74	mg/kg	NV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Benzo(a)anthracene	0.04	ug/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Benzo(a)pyrene	0.04	ug/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Benzo(b)fluoranthene	0.04	ug/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.04	ug/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Benzo(k)fluoranthene	0.04	ug/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Chrysene	0.04	ug/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.02	ug/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Fluoranthene	0.04	ug/kg	UNV	476389.672	1347990.347

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.04	ug/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Phenanthrene	0.04	ug/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^1-RMPS	24-Aug-04	0	0.5	Pyrene	0.04	ug/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^2-R	24-Aug-04	0.5	1	Radium-226	0.743	pCi/g	NV	476389.672	1347990.347
PRD-21	PRD-21^2-R	24-Aug-04	0.5	1	Radium-228	0.374	pCi/g	NV	476389.672	1347990.347
PRD-21	PRD-21^2-R	24-Aug-04	0.5	1	Thorium-228	0.391	pCi/g	NV	476389.672	1347990.347
PRD-21	PRD-21^2-R	24-Aug-04	0.5	1	Thorium-230	2.21	pCi/g	NV	476389.672	1347990.347
PRD-21	PRD-21^2-R	24-Aug-04	0.5	1	Thorium-232	0.374	pCi/g	NV	476389.672	1347990.347
PRD-21	PRD-21^2-R	24-Aug-04	0.5	1	Uranium, Total	1.48	mg/kg	UNV	476389.672	1347990.347
PRD-21	PRD-21^3-R	24-Aug-04	1	1.5	Radium-226	1.19	pCi/g	NV	476389.672	1347990.347
PRD-21	PRD-21^3-R	24-Aug-04	1	1.5	Radium-228	0.351	pCi/g	NV	476389.672	1347990.347
PRD-21	PRD-21^3-R	24-Aug-04	1	1.5	Thorium-228	0.354	pCi/g	NV	476389.672	1347990.347
PRD-21	PRD-21^3-R	24-Aug-04	1	1.5	Thorium-230	2.25	pCi/g	NV	476389.672	1347990.347
PRD-21	PRD-21^3-R	24-Aug-04	1	1.5	Thorium-232	0.351	pCi/g	NV	476389.672	1347990.347
PRD-21	PRD-21^3-R	24-Aug-04	1	1.5	Uranium, Total	1.69	mg/kg	NV	476389.672	1347990.347
PRD-22	PRD-22^1-L	24-Aug-04	0	0.5	1,1-Dichloroethene	1	ug/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-L	24-Aug-04	0	0.5	Bromodichloromethane	1	ug/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-L	24-Aug-04	0	0.5	Tetrachloroethene	1	ug/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-L	24-Aug-04	0	0.5	Trichloroethene	1	ug/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Fluoride	0.57	mg/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Antimony	0.383	mg/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Arsenic	4.54	mg/kg	NV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Beryllium	0.201	mg/kg	NV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Cadmium	0.0533	mg/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Lead	4.24	mg/kg	NV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Manganese	455	mg/kg	NV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Molybdenum	0.807	mg/kg	NV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Silver	0.101	mg/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Aroclor-1254	3.8	ug/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Aroclor-1260	3.8	ug/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Dieldrin	1.52	ug/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Cesium-137	0.0245	pCi/g	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Radium-226	0.588	pCi/g	NV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Radium-228	0.274	pCi/g	NV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Technetium-99	0.538	pCi/g	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Thorium-228	0.277	pCi/g	NV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Thorium-230	2.67	pCi/g	NV	476324.27	1347899.56

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Thorium-232	0.274	pCi/g	NV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Uranium, Total	1.3	mg/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Benzo(a)anthracene	0.038	ug/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Benzo(a)pyrene	0.0195	ug/kg	NV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0325	ug/kg	NV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.038	ug/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Benzo(k)fluoranthene	0.038	ug/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Chrysene	0.038	ug/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.019	ug/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Fluoranthene	0.038	ug/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.038	ug/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Phenanthrene	0.038	ug/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^1-RMPS	24-Aug-04	0	0.5	Pyrene	0.038	ug/kg	UNV	476324.27	1347899.56
PRD-22	PRD-22^2-R	24-Aug-04	0.5	1	Radium-226	0.929	pCi/g	NV	476324.27	1347899.56
PRD-22	PRD-22^2-R	24-Aug-04	0.5	1	Radium-228	0.401	pCi/g	NV	476324.27	1347899.56
PRD-22	PRD-22^2-R	24-Aug-04	0.5	1	Thorium-228	0.421	pCi/g	NV	476324.27	1347899.56
PRD-22	PRD-22^2-R	24-Aug-04	0.5	1	Thorium-230	2.19	pCi/g	NV	476324.27	1347899.56
PRD-22	PRD-22^2-R	24-Aug-04	0.5	1	Thorium-232	0.401	pCi/g	NV	476324.27	1347899.56
PRD-22	PRD-22^2-R	24-Aug-04	0.5	1	Uranium, Total	2.56	mg/kg	NV	476324.27	1347899.56
PRD-22	PRD-22^3-R	24-Aug-04	1	1.5	Radium-226	1.3	pCi/g	NV	476324.27	1347899.56
PRD-22	PRD-22^3-R	24-Aug-04	1	1.5	Radium-228	0.393	pCi/g	NV	476324.27	1347899.56
PRD-22	PRD-22^3-R	24-Aug-04	1	1.5	Thorium-228	0.394	pCi/g	NV	476324.27	1347899.56
PRD-22	PRD-22^3-R	24-Aug-04	1	1.5	Thorium-230	2.35	pCi/g	NV	476324.27	1347899.56
PRD-22	PRD-22^3-R	24-Aug-04	1	1.5	Thorium-232	0.393	pCi/g	NV	476324.27	1347899.56
PRD-22	PRD-22^3-R	24-Aug-04	1	1.5	Uranium, Total	3.02	mg/kg	NV	476324.27	1347899.56
PRD-23	PRD-23^1-R	26-Oct-04	0	0.5	Radium-226	0.655	pCi/g	NV	481283.617	1346308.282
PRD-23	PRD-23^1-R	26-Oct-04	0	0.5	Radium-228	0.481	pCi/g	NV	481283.617	1346308.282
PRD-23	PRD-23^1-R	26-Oct-04	0	0.5	Technetium-99	0.52	pCi/g	UNV	481283.617	1346308.282
PRD-23	PRD-23^1-R	26-Oct-04	0	0.5	Thorium-228	0.516	pCi/g	NV	481283.617	1346308.282
PRD-23	PRD-23^1-R	26-Oct-04	0	0.5	Thorium-230	3.72	pCi/g	NV	481283.617	1346308.282
PRD-23	PRD-23^1-R	26-Oct-04	0	0.5	Thorium-232	0.481	pCi/g	NV	481283.617	1346308.282
PRD-23	PRD-23^1-R	26-Oct-04	0	0.5	Uranium, Total	6.06	mg/kg	NV	481283.617	1346308.282
PRD-23	PRD-23^2-R	26-Oct-04	0.5	1	Radium-226	0.698	pCi/g	NV	481283.617	1346308.282
PRD-23	PRD-23^2-R	26-Oct-04	0.5	1	Radium-228	0.423	pCi/g	NV	481283.617	1346308.282
PRD-23	PRD-23^2-R	26-Oct-04	0.5	1	Technetium-99	0.53	pCi/g	UNV	481283.617	1346308.282
PRD-23	PRD-23^2-R	26-Oct-04	0.5	1	Thorium-228	0.455	pCi/g	NV	481283.617	1346308.282
PRD-23	PRD-23^2-R	26-Oct-04	0.5	1	Thorium-230	3.03	pCi/g	NV	481283.617	1346308.282

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-23	PRD-23^2-R	26-Oct-04	0.5	1	Thorium-232	0.423	pCi/g	NV	481283.617	1346308.282
PRD-23	PRD-23^2-R	26-Oct-04	0.5	1	Uranium, Total	6.65	mg/kg	NV	481283.617	1346308.282
PRD-23	PRD-23^3-R	26-Oct-04	1	1.5	Radium-226	0.615	pCi/g	NV	481283.617	1346308.282
PRD-23	PRD-23^3-R	26-Oct-04	1	1.5	Radium-228	0.328	pCi/g	NV	481283.617	1346308.282
PRD-23	PRD-23^3-R	26-Oct-04	1	1.5	Technetium-99	0.508	pCi/g	UNV	481283.617	1346308.282
PRD-23	PRD-23^3-R	26-Oct-04	1	1.5	Thorium-228	0.319	pCi/g	NV	481283.617	1346308.282
PRD-23	PRD-23^3-R	26-Oct-04	1	1.5	Thorium-230	3.36	pCi/g	NV	481283.617	1346308.282
PRD-23	PRD-23^3-R	26-Oct-04	1	1.5	Thorium-232	0.328	pCi/g	NV	481283.617	1346308.282
PRD-23	PRD-23^3-R	26-Oct-04	1	1.5	Uranium, Total	2.19	mg/kg	NV	481283.617	1346308.282
PRD-24	PRD-24^1-R	26-Oct-04	0	0.5	Radium-226	1.15	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^1-R	26-Oct-04	0	0.5	Radium-228	1.05	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^1-R	26-Oct-04	0	0.5	Technetium-99	1.28	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^1-R	26-Oct-04	0	0.5	Thorium-228	1.1	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^1-R	26-Oct-04	0	0.5	Thorium-230	12.3	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^1-R	26-Oct-04	0	0.5	Thorium-232	1.05	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^1-R	26-Oct-04	0	0.5	Uranium, Total	37.3	mg/kg	NV	481187.627	1346351.722
PRD-24	PRD-24^2-R	26-Oct-04	0.5	1	Radium-226	0.912	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^2-R	26-Oct-04	0.5	1	Radium-228	0.928	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^2-R	26-Oct-04	0.5	1	Technetium-99	0.726	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^2-R	26-Oct-04	0.5	1	Thorium-228	0.973	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^2-R	26-Oct-04	0.5	1	Thorium-230	6.45	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^2-R	26-Oct-04	0.5	1	Thorium-232	0.928	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^2-R	26-Oct-04	0.5	1	Uranium, Total	31.7	mg/kg	NV	481187.627	1346351.722
PRD-24	PRD-24^3-R	26-Oct-04	1	1.5	Radium-226	0.916	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^3-R	26-Oct-04	1	1.5	Radium-228	0.623	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^3-R	26-Oct-04	1	1.5	Technetium-99	0.524	pCi/g	UNV	481187.627	1346351.722
PRD-24	PRD-24^3-R	26-Oct-04	1	1.5	Thorium-228	0.613	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^3-R	26-Oct-04	1	1.5	Thorium-230	3.09	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^3-R	26-Oct-04	1	1.5	Thorium-232	0.623	pCi/g	NV	481187.627	1346351.722
PRD-24	PRD-24^3-R	26-Oct-04	1	1.5	Uranium, Total	16.2	mg/kg	NV	481187.627	1346351.722
PRD-25	PRD-25^1-R	26-Oct-04	0	0.5	Radium-226	0.565	pCi/g	NV	481144.181	1346361.207
PRD-25	PRD-25^1-R	26-Oct-04	0	0.5	Radium-228	0.405	pCi/g	NV	481144.181	1346361.207
PRD-25	PRD-25^1-R	26-Oct-04	0	0.5	Technetium-99	0.524	pCi/g	UNV	481144.181	1346361.207
PRD-25	PRD-25^1-R	26-Oct-04	0	0.5	Thorium-228	0.451	pCi/g	NV	481144.181	1346361.207
PRD-25	PRD-25^1-R	26-Oct-04	0	0.5	Thorium-230	3.7	pCi/g	NV	481144.181	1346361.207
PRD-25	PRD-25^1-R	26-Oct-04	0	0.5	Thorium-232	0.405	pCi/g	NV	481144.181	1346361.207
PRD-25	PRD-25^1-R	26-Oct-04	0	0.5	Uranium, Total	2.26	mg/kg	NV	481144.181	1346361.207

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-25	PRD-25^2-R	26-Oct-04	0	0.5	Radium-226	0.772	pCi/g	NV	481144.181	1346361.207
PRD-25	PRD-25^2-R	26-Oct-04	0	0.5	Radium-228	0.426	pCi/g	NV	481144.181	1346361.207
PRD-25	PRD-25^2-R	26-Oct-04	0	0.5	Technetium-99	0.534	pCi/g	UNV	481144.181	1346361.207
PRD-25	PRD-25^2-R	26-Oct-04	0	0.5	Thorium-228	0.454	pCi/g	NV	481144.181	1346361.207
PRD-25	PRD-25^2-R	26-Oct-04	0	0.5	Thorium-230	3.11	pCi/g	NV	481144.181	1346361.207
PRD-25	PRD-25^2-R	26-Oct-04	0	0.5	Thorium-232	0.426	pCi/g	NV	481144.181	1346361.207
PRD-25	PRD-25^2-R	26-Oct-04	0	0.5	Uranium, Total	3.49	mg/kg	NV	481144.181	1346361.207
PRD-25	PRD-25^3-R	26-Oct-04	1	1.5	Radium-226	0.776	pCi/g	NV	481144.181	1346361.207
PRD-25	PRD-25^3-R	26-Oct-04	1	1.5	Radium-228	0.358	pCi/g	NV	481144.181	1346361.207
PRD-25	PRD-25^3-R	26-Oct-04	1	1.5	Technetium-99	0.538	pCi/g	UNV	481144.181	1346361.207
PRD-25	PRD-25^3-R	26-Oct-04	1	1.5	Thorium-228	0.356	pCi/g	NV	481144.181	1346361.207
PRD-25	PRD-25^3-R	26-Oct-04	1	1.5	Thorium-230	4.47	pCi/g	NV	481144.181	1346361.207
PRD-25	PRD-25^3-R	26-Oct-04	1	1.5	Thorium-232	0.358	pCi/g	NV	481144.181	1346361.207
PRD-25	PRD-25^3-R	26-Oct-04	1	1.5	Uranium, Total	1.71	mg/kg	NV	481144.181	1346361.207
PRD-3	PRD-3^1-L	22-Jul-04	0	0.5	1,1-Dichloroethene	1.05	ug/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-L	22-Jul-04	0	0.5	Bromodichloromethane	1.05	ug/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-L	22-Jul-04	0	0.5	Tetrachloroethene	1.05	ug/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-L	22-Jul-04	0	0.5	Trichloroethene	1.05	ug/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Fluoride	3.2	mg/kg	NV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Antimony	2.25	mg/kg	NV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Arsenic	5.36	mg/kg	NV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Beryllium	0.296	mg/kg	NV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Cadmium	1.66	mg/kg	NV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Lead	7.94	mg/kg	NV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Manganese	411	mg/kg	NV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Molybdenum	0.446	mg/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Silver	0.324	mg/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Aroclor-1254	8.75	ug/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Aroclor-1260	8.75	ug/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Dieldrin	0.7	ug/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Cesium-137	0.0347	pCi/g	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Radium-226	0.652	pCi/g	NV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Radium-228	0.389	pCi/g	NV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Technetium-99	0.716	pCi/g	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Thorium-228	0.404	pCi/g	NV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Thorium-230	10.4	pCi/g	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Thorium-232	0.389	pCi/g	NV	482469.603	1345881.236

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Uranium, Total	2.61	mg/kg	NV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Benzo(a)anthracene	0.0758	ug/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Benzo(a)pyrene	0.0758	ug/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Benzo(b)fluoranthene	0.0758	ug/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Benzo(g,h,i)perylene	0.0758	ug/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Benzo(k)fluoranthene	0.0758	ug/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Chrysene	0.0758	ug/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Dibenzo(a,h)anthracene	0.0266	ug/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Fluoranthene	0.0427	ug/kg	NV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0758	ug/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Phenanthrene	0.0758	ug/kg	UNV	482469.603	1345881.236
PRD-3	PRD-3^1-RMPS	22-Jul-04	0	0.5	Pyrene	0.0537	ug/kg	NV	482469.603	1345881.236
PRD-3	PRD-3^2-R	22-Jul-04	0.5	1	Radium-226	0.728	pCi/g	NV	482469.603	1345881.236
PRD-3	PRD-3^2-R	22-Jul-04	0.5	1	Radium-228	0.423	pCi/g	NV	482469.603	1345881.236
PRD-3	PRD-3^2-R	22-Jul-04	0.5	1	Thorium-228	0.42	pCi/g	NV	482469.603	1345881.236
PRD-3	PRD-3^2-R	22-Jul-04	0.5	1	Thorium-230	10.7	pCi/g	UNV	482469.603	1345881.236
PRD-3	PRD-3^2-R	22-Jul-04	0.5	1	Thorium-232	0.423	pCi/g	NV	482469.603	1345881.236
PRD-3	PRD-3^2-R	22-Jul-04	0.5	1	Uranium, Total	1.96	mg/kg	NV	482469.603	1345881.236
PRD-3	PRD-3^3-R	22-Jul-04	1	1.5	Radium-226	0.849	pCi/g	NV	482469.603	1345881.236
PRD-3	PRD-3^3-R	22-Jul-04	1	1.5	Radium-228	0.701	pCi/g	NV	482469.603	1345881.236
PRD-3	PRD-3^3-R	22-Jul-04	1	1.5	Thorium-228	0.705	pCi/g	NV	482469.603	1345881.236
PRD-3	PRD-3^3-R	22-Jul-04	1	1.5	Thorium-230	20.2	pCi/g	UNV	482469.603	1345881.236
PRD-3	PRD-3^3-R	22-Jul-04	1	1.5	Thorium-232	0.701	pCi/g	NV	482469.603	1345881.236
PRD-3	PRD-3^3-R	22-Jul-04	1	1.5	Uranium, Total	3.73	mg/kg	UNV	482469.603	1345881.236
PRD-4	PRD-4^1-L	22-Jul-04	0	0.5	1,1-Dichloroethene	1.14	ug/kg	UNV	482348.16	1345929.64
PRD-4	PRD-4^1-L	22-Jul-04	0	0.5	Bromodichloromethane	1.14	ug/kg	UNV	482348.16	1345929.64
PRD-4	PRD-4^1-L	22-Jul-04	0	0.5	Tetrachloroethene	1.14	ug/kg	UNV	482348.16	1345929.64
PRD-4	PRD-4^1-L	22-Jul-04	0	0.5	Trichloroethene	1.14	ug/kg	UNV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Fluoride	2.77	mg/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Antimony	1.87	mg/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Arsenic	4.35	mg/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Beryllium	0.304	mg/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Cadmium	1.11	mg/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Lead	12.4	mg/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Manganese	483	mg/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Molybdenum	0.481	mg/kg	UNV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Silver	0.349	mg/kg	UNV	482348.16	1345929.64

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Aroclor-1254	9.73	ug/kg	UNV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Aroclor-1260	9.73	ug/kg	UNV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Dieldrin	0.778	ug/kg	UNV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Cesium-137	0.0588	pCi/g	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Radium-226	0.92	pCi/g	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Radium-228	0.666	pCi/g	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Technetium-99	0.73	pCi/g	UNV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Thorium-228	0.695	pCi/g	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Thorium-230	17.4	pCi/g	UNV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Thorium-232	0.666	pCi/g	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Uranium, Total	5.67	mg/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Benzo(a)anthracene	0.15	ug/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Benzo(a)pyrene	0.109	ug/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Benzo(b)fluoranthene	0.17	ug/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Benzo(g,h,i)perylene	0.0549	ug/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Benzo(k)fluoranthene	0.072	ug/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Chrysene	0.139	ug/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Dibenzo(a,h)anthracene	0.0294	ug/kg	UNV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Fluoranthene	0.215	ug/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0836	ug/kg	UNV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Phenanthrene	0.107	ug/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^1-RMPS	22-Jul-04	0	0.5	Pyrene	0.265	ug/kg	NV	482348.16	1345929.64
PRD-4	PRD-4^2-R	22-Jul-04	0.5	1	Radium-226	0.929	pCi/g	NV	482348.16	1345929.64
PRD-4	PRD-4^2-R	22-Jul-04	0.5	1	Radium-228	0.689	pCi/g	NV	482348.16	1345929.64
PRD-4	PRD-4^2-R	22-Jul-04	0.5	1	Thorium-228	0.684	pCi/g	NV	482348.16	1345929.64
PRD-4	PRD-4^2-R	22-Jul-04	0.5	1	Thorium-230	16.6	pCi/g	UNV	482348.16	1345929.64
PRD-4	PRD-4^2-R	22-Jul-04	0.5	1	Thorium-232	0.689	pCi/g	NV	482348.16	1345929.64
PRD-4	PRD-4^2-R	22-Jul-04	0.5	1	Uranium, Total	3.09	mg/kg	UNV	482348.16	1345929.64
PRD-4	PRD-4^3-R	22-Jul-04	1	1.5	Radium-226	0.949	pCi/g	NV	482348.16	1345929.64
PRD-4	PRD-4^3-R	22-Jul-04	1	1.5	Radium-228	0.692	pCi/g	NV	482348.16	1345929.64
PRD-4	PRD-4^3-R	22-Jul-04	1	1.5	Thorium-228	0.693	pCi/g	NV	482348.16	1345929.64
PRD-4	PRD-4^3-R	22-Jul-04	1	1.5	Thorium-230	16.7	pCi/g	UNV	482348.16	1345929.64
PRD-4	PRD-4^3-R	22-Jul-04	1	1.5	Thorium-232	0.692	pCi/g	NV	482348.16	1345929.64
PRD-4	PRD-4^3-R	22-Jul-04	1	1.5	Uranium, Total	2.99	mg/kg	UNV	482348.16	1345929.64
PRD-5	PRD-5^1-L	23-Jul-04	0	0.5	1,1-Dichloroethene	1.07	ug/kg	UNV	482161.729	1346098.096
PRD-5	PRD-5^1-L	23-Jul-04	0	0.5	Bromodichloromethane	1.07	ug/kg	UNV	482161.729	1346098.096
PRD-5	PRD-5^1-L	23-Jul-04	0	0.5	Tetrachloroethene	1.07	ug/kg	UNV	482161.729	1346098.096

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-5	PRD-5^1-L	23-Jul-04	0	0.5	Trichloroethene	1.07	ug/kg	UNV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Fluoride	2.68	mg/kg	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Antimony	1.92	mg/kg	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Arsenic	2.44	mg/kg	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Beryllium	0.251	mg/kg	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Cadmium	1.15	mg/kg	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Lead	10.2	mg/kg	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Manganese	418	mg/kg	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Molybdenum	0.447	mg/kg	UNV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Silver	0.324	mg/kg	UNV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Aroclor-1254	9.58	ug/kg	UNV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Aroclor-1260	9.58	ug/kg	UNV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Dieldrin	0.766	ug/kg	UNV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Cesium-137	0.0542	pCi/g	UNV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Radium-226	0.656	pCi/g	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Radium-228	0.635	pCi/g	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Technetium-99	0.719	pCi/g	UNV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Thorium-228	0.684	pCi/g	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Thorium-230	8.11	pCi/g	UNV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Thorium-232	0.635	pCi/g	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Uranium, Total	4.01	mg/kg	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Benzo(a)anthracene	0.0602	ug/kg	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Benzo(a)pyrene	0.0366	ug/kg	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Benzo(b)fluoranthene	0.065	ug/kg	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Benzo(g,h,i)perylene	0.0818	ug/kg	UNV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Benzo(k)fluoranthene	0.0367	ug/kg	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Chrysene	0.0524	ug/kg	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Dibenzo(a,h)anthracene	0.0288	ug/kg	UNV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Fluoranthene	0.0925	ug/kg	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0818	ug/kg	UNV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Phenanthrene	0.047	ug/kg	NV	482161.729	1346098.096
PRD-5	PRD-5^1-RMPS	23-Jul-04	0	0.5	Pyrene	0.093	ug/kg	NV	482161.729	1346098.096
PRD-5	PRD-5^2-R	23-Jul-04	0.5	1	Radium-226	0.632	pCi/g	NV	482161.729	1346098.096
PRD-5	PRD-5^2-R	23-Jul-04	0.5	1	Radium-228	0.543	pCi/g	NV	482161.729	1346098.096
PRD-5	PRD-5^2-R	23-Jul-04	0.5	1	Thorium-228	0.526	pCi/g	NV	482161.729	1346098.096
PRD-5	PRD-5^2-R	23-Jul-04	0.5	1	Thorium-230	11.8	pCi/g	UNV	482161.729	1346098.096
PRD-5	PRD-5^2-R	23-Jul-04	0.5	1	Thorium-232	0.543	pCi/g	NV	482161.729	1346098.096

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-5	PRD-5^2-R	23-Jul-04	0.5	1	Uranium, Total	1.74	mg/kg	UNV	482161.729	1346098.096
PRD-5	PRD-5^3-R	23-Jul-04	1	1.5	Radium-226	0.676	pCi/g	NV	482161.729	1346098.096
PRD-5	PRD-5^3-R	23-Jul-04	1	1.5	Radium-228	0.495	pCi/g	NV	482161.729	1346098.096
PRD-5	PRD-5^3-R	23-Jul-04	1	1.5	Thorium-228	0.499	pCi/g	NV	482161.729	1346098.096
PRD-5	PRD-5^3-R	23-Jul-04	1	1.5	Thorium-230	12.2	pCi/g	UNV	482161.729	1346098.096
PRD-5	PRD-5^3-R	23-Jul-04	1	1.5	Thorium-232	0.495	pCi/g	NV	482161.729	1346098.096
PRD-5	PRD-5^3-R	23-Jul-04	1	1.5	Uranium, Total	1.83	mg/kg	UNV	482161.729	1346098.096
PRD-6	PRD-6^1-L	25-Aug-04	0	0.5	1,1-Dichloroethene	1.2	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-L	25-Aug-04	0	0.5	Bromodichloromethane	1.2	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-L	25-Aug-04	0	0.5	Tetrachloroethene	1.2	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-L	25-Aug-04	0	0.5	Trichloroethene	1.2	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Fluoride	2.51	mg/kg	NV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Antimony	1.3	mg/kg	NV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Arsenic	3.8	mg/kg	NV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Beryllium	0.44	mg/kg	NV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Cadmium	0.15	mg/kg	NV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Lead	6.9	mg/kg	NV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Manganese	454	mg/kg	NV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Molybdenum	1.4	mg/kg	NV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Silver	0.109	mg/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Aroclor-1254	4.1	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Aroclor-1260	4.1	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Dieldrin	1.66	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Cesium-137	0.0606	pCi/g	U	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Radium-226	1.03	pCi/g	-	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Radium-228	0.801	pCi/g	-	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Technetium-99	0.507	pCi/g	U	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Thorium-228	0.822	pCi/g	-	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Thorium-230	2.91	pCi/g	J	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Thorium-232	0.801	pCi/g	-	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Uranium, Total	3.21	mg/kg	U	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Benzo(a)anthracene	0.041	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Benzo(a)pyrene	0.041	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Benzo(b)fluoranthene	0.041	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.041	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Benzo(k)fluoranthene	0.041	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Chrysene	0.041	ug/kg	UNV	481634.29	1346178.01

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.021	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Fluoranthene	0.041	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.041	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Phenanthrene	0.041	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^1-RMPS	25-Aug-04	0	0.5	Pyrene	0.041	ug/kg	UNV	481634.29	1346178.01
PRD-6	PRD-6^2-R	25-Aug-04	0.5	1	Radium-226	0.82	pCi/g	-	481634.29	1346178.01
PRD-6	PRD-6^2-R	25-Aug-04	0.5	1	Radium-228	0.658	pCi/g	-	481634.29	1346178.01
PRD-6	PRD-6^2-R	25-Aug-04	0.5	1	Thorium-228	0.664	pCi/g	-	481634.29	1346178.01
PRD-6	PRD-6^2-R	25-Aug-04	0.5	1	Thorium-230	1.68	pCi/g	J	481634.29	1346178.01
PRD-6	PRD-6^2-R	25-Aug-04	0.5	1	Thorium-232	0.658	pCi/g	-	481634.29	1346178.01
PRD-6	PRD-6^2-R	25-Aug-04	0.5	1	Uranium, Total	4.9	mg/kg	-	481634.29	1346178.01
PRD-6	PRD-6^3-R	25-Aug-04	1	1.5	Radium-226	0.635	pCi/g	-	481634.29	1346178.01
PRD-6	PRD-6^3-R	25-Aug-04	1	1.5	Radium-228	0.465	pCi/g	-	481634.29	1346178.01
PRD-6	PRD-6^3-R	25-Aug-04	1	1.5	Thorium-228	0.491	pCi/g	-	481634.29	1346178.01
PRD-6	PRD-6^3-R	25-Aug-04	1	1.5	Thorium-230	3.02	pCi/g	J	481634.29	1346178.01
PRD-6	PRD-6^3-R	25-Aug-04	1	1.5	Thorium-232	0.465	pCi/g	-	481634.29	1346178.01
PRD-6	PRD-6^3-R	25-Aug-04	1	1.5	Uranium, Total	3.83	mg/kg	J	481634.29	1346178.01
PRD-7	PRD-7^1-L	23-Jul-04	0	0.5	1,1-Dichloroethene	1.01	ug/kg	UNV	481439.99	1346173.8
PRD-7	PRD-7^1-L	23-Jul-04	0	0.5	Bromodichloromethane	1.01	ug/kg	UNV	481439.99	1346173.8
PRD-7	PRD-7^1-L	23-Jul-04	0	0.5	Tetrachloroethene	1.01	ug/kg	UNV	481439.99	1346173.8
PRD-7	PRD-7^1-L	23-Jul-04	0	0.5	Trichloroethene	1.01	ug/kg	UNV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Fluoride	2.34	mg/kg	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Antimony	1.98	mg/kg	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Arsenic	3.57	mg/kg	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Beryllium	0.174	mg/kg	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Cadmium	1.25	mg/kg	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Lead	6.94	mg/kg	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Manganese	493	mg/kg	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Molybdenum	0.439	mg/kg	UNV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Silver	0.319	mg/kg	UNV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Aroclor-1254	8.68	ug/kg	UNV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Aroclor-1260	8.68	ug/kg	UNV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Dieldrin	0.694	ug/kg	UNV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Cesium-137	0.0218	pCi/g	UNV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Radium-226	0.529	pCi/g	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Radium-228	0.378	pCi/g	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Technetium-99	0.699	pCi/g	UNV	481439.99	1346173.8

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Thorium-228	0.389	pCi/g	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Thorium-230	8.77	pCi/g	UNV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Thorium-232	0.378	pCi/g	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Uranium, Total	1.35	mg/kg	UNV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Benzo(a)anthracene	0.0781	ug/kg	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Benzo(a)pyrene	0.0562	ug/kg	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Benzo(b)fluoranthene	0.0605	ug/kg	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Benzo(g,h,i)perylene	0.0752	ug/kg	UNV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Benzo(k)fluoranthene	0.0434	ug/kg	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Chrysene	0.0698	ug/kg	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Dibenzo(a,h)anthracene	0.0265	ug/kg	UNV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Fluoranthene	0.147	ug/kg	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0752	ug/kg	UNV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Phenanthrene	0.0495	ug/kg	NV	481439.99	1346173.8
PRD-7	PRD-7^1-RMPS	23-Jul-04	0	0.5	Pyrene	0.165	ug/kg	NV	481439.99	1346173.8
PRD-7	PRD-7^2-R	23-Jul-04	0.5	1	Radium-226	0.631	pCi/g	NV	481439.99	1346173.8
PRD-7	PRD-7^2-R	23-Jul-04	0.5	1	Radium-228	0.397	pCi/g	NV	481439.99	1346173.8
PRD-7	PRD-7^2-R	23-Jul-04	0.5	1	Thorium-228	0.392	pCi/g	NV	481439.99	1346173.8
PRD-7	PRD-7^2-R	23-Jul-04	0.5	1	Thorium-230	7.04	pCi/g	UNV	481439.99	1346173.8
PRD-7	PRD-7^2-R	23-Jul-04	0.5	1	Thorium-232	0.397	pCi/g	NV	481439.99	1346173.8
PRD-7	PRD-7^2-R	23-Jul-04	0.5	1	Uranium, Total	5.2	mg/kg	NV	481439.99	1346173.8
PRD-7	PRD-7^3-R	23-Jul-04	1	1.5	Radium-226	0.709	pCi/g	NV	481439.99	1346173.8
PRD-7	PRD-7^3-R	23-Jul-04	1	1.5	Radium-228	0.514	pCi/g	NV	481439.99	1346173.8
PRD-7	PRD-7^3-R	23-Jul-04	1	1.5	Thorium-228	0.5	pCi/g	NV	481439.99	1346173.8
PRD-7	PRD-7^3-R	23-Jul-04	1	1.5	Thorium-230	10.8	pCi/g	UNV	481439.99	1346173.8
PRD-7	PRD-7^3-R	23-Jul-04	1	1.5	Thorium-232	0.514	pCi/g	NV	481439.99	1346173.8
PRD-7	PRD-7^3-R	23-Jul-04	1	1.5	Uranium, Total	1.59	mg/kg	UNV	481439.99	1346173.8
PRD-8	PRD-8^1-L	12-Aug-04	0	0.5	1,1-Dichloroethene	1.16	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-L	12-Aug-04	0	0.5	Bromodichloromethane	1.16	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-L	12-Aug-04	0	0.5	Tetrachloroethene	1.16	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-L	12-Aug-04	0	0.5	Trichloroethene	1.16	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Fluoride	1.23	mg/kg	NV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Antimony	0.406	mg/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Arsenic	3.71	mg/kg	NV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Beryllium	0.299	mg/kg	NV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Cadmium	0.136	mg/kg	NV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Lead	5.4	mg/kg	NV	481270.65	1346306.21

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Manganese	485	mg/kg	NV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Molybdenum	0.877	mg/kg	NV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Silver	0.107	mg/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Aroclor-1254	11.9	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Aroclor-1260	11.9	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Dieldrin	3.69	ug/kg	NV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Cesium-137	0.0388	pCi/g	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Radium-226	0.5	pCi/g	NV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Radium-228	0.32	pCi/g	NV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Technetium-99	1.06	pCi/g	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Thorium-228	0.333	pCi/g	NV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Thorium-230	0.992	pCi/g	NV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Thorium-232	0.32	pCi/g	NV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Uranium, Total	2.98	mg/kg	NV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Benzo(a)anthracene	0.119	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Benzo(a)pyrene	0.119	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Benzo(b)fluoranthene	0.119	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.119	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Benzo(k)fluoranthene	0.119	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Chrysene	0.119	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0593	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Fluoranthene	0.119	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.119	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Phenanthrene	0.119	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^1-RMPS	12-Aug-04	0	0.5	Pyrene	0.119	ug/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^2-R	12-Aug-04	0.5	1	Radium-226	0.659	pCi/g	NV	481270.65	1346306.21
PRD-8	PRD-8^2-R	12-Aug-04	0.5	1	Radium-228	0.372	pCi/g	NV	481270.65	1346306.21
PRD-8	PRD-8^2-R	12-Aug-04	0.5	1	Thorium-228	0.387	pCi/g	NV	481270.65	1346306.21
PRD-8	PRD-8^2-R	12-Aug-04	0.5	1	Thorium-230	3.02	pCi/g	NV	481270.65	1346306.21
PRD-8	PRD-8^2-R	12-Aug-04	0.5	1	Thorium-232	0.372	pCi/g	NV	481270.65	1346306.21
PRD-8	PRD-8^2-R	12-Aug-04	0.5	1	Uranium, Total	2.25	mg/kg	UNV	481270.65	1346306.21
PRD-8	PRD-8^3-R	12-Aug-04	1	1.5	Radium-226	0.637	pCi/g	NV	481270.65	1346306.21
PRD-8	PRD-8^3-R	12-Aug-04	1	1.5	Radium-228	0.3	pCi/g	NV	481270.65	1346306.21
PRD-8	PRD-8^3-R	12-Aug-04	1	1.5	Thorium-228	0.289	pCi/g	NV	481270.65	1346306.21
PRD-8	PRD-8^3-R	12-Aug-04	1	1.5	Thorium-230	2.37	pCi/g	NV	481270.65	1346306.21
PRD-8	PRD-8^3-R	12-Aug-04	1	1.5	Thorium-232	0.3	pCi/g	NV	481270.65	1346306.21
PRD-8	PRD-8^3-R	12-Aug-04	1	1.5	Uranium, Total	2.2	mg/kg	UNV	481270.65	1346306.21

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-9	PRD-9^1-L	12-Aug-04	0	0.5	1,1-Dichloroethene	1.09	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-L	12-Aug-04	0	0.5	Bromodichloromethane	1.09	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-L	12-Aug-04	0	0.5	Tetrachloroethene	1.09	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-L	12-Aug-04	0	0.5	Trichloroethene	1.09	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Fluoride	1.03	mg/kg	NV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Antimony	0.503	mg/kg	NV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Arsenic	4.26	mg/kg	NV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Beryllium	0.228	mg/kg	NV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Cadmium	0.0909	mg/kg	NV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Lead	4.5	mg/kg	NV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Manganese	722	mg/kg	NV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Molybdenum	0.827	mg/kg	NV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Silver	0.096	mg/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Aroclor-1254	10.7	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Aroclor-1260	10.7	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Dieldrin	4.28	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Cesium-137	0.0276	pCi/g	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Radium-226	0.414	pCi/g	NV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Radium-228	0.286	pCi/g	NV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Technetium-99	2.32	pCi/g	NV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Thorium-228	0.282	pCi/g	NV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Thorium-230	0.827	pCi/g	NV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Thorium-232	0.286	pCi/g	NV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Uranium, Total	12.7	mg/kg	NV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Benzo(a)anthracene	0.107	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Benzo(a)pyrene	0.107	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Benzo(b)fluoranthene	0.107	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.107	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Benzo(k)fluoranthene	0.107	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Chrysene	0.107	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0535	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Fluoranthene	0.107	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.107	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Phenanthrene	0.107	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^1-RMPS	12-Aug-04	0	0.5	Pyrene	0.107	ug/kg	UNV	481183.7	1346342.18
PRD-9	PRD-9^2-R	12-Aug-04	0.5	1	Radium-226	0.528	pCi/g	NV	481183.7	1346342.18
PRD-9	PRD-9^2-R	12-Aug-04	0.5	1	Radium-228	0.313	pCi/g	NV	481183.7	1346342.18

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRD-9	PRD-9^2-R	12-Aug-04	0.5	1	Thorium-228	0.314	pCi/g	NV	481183.7	1346342.18
PRD-9	PRD-9^2-R	12-Aug-04	0.5	1	Thorium-230	3.12	pCi/g	NV	481183.7	1346342.18
PRD-9	PRD-9^2-R	12-Aug-04	0.5	1	Thorium-232	0.313	pCi/g	NV	481183.7	1346342.18
PRD-9	PRD-9^2-R	12-Aug-04	0.5	1	Uranium, Total	7.61	mg/kg	NV	481183.7	1346342.18
PRD-9	PRD-9^3-R	12-Aug-04	1	1.5	Radium-226	0.532	pCi/g	NV	481183.7	1346342.18
PRD-9	PRD-9^3-R	12-Aug-04	1	1.5	Radium-228	0.331	pCi/g	NV	481183.7	1346342.18
PRD-9	PRD-9^3-R	12-Aug-04	1	1.5	Thorium-228	0.337	pCi/g	NV	481183.7	1346342.18
PRD-9	PRD-9^3-R	12-Aug-04	1	1.5	Thorium-230	2.9	pCi/g	NV	481183.7	1346342.18
PRD-9	PRD-9^3-R	12-Aug-04	1	1.5	Thorium-232	0.331	pCi/g	NV	481183.7	1346342.18
PRD-9	PRD-9^3-R	12-Aug-04	1	1.5	Uranium, Total	4.69	mg/kg	NV	481183.7	1346342.18
PRH-1	PRH-1^1-R	21-Mar-05			Uranium, Total	3.16	mg/kg	UNV	479545.147	1346398.718
PRH-1	PRH-1^2-R	21-Mar-05			Uranium, Total	3.66	mg/kg	NV	479545.147	1346398.718
PRRE-1	PRRE-1^11-R	28-Feb-05	5	5.5	Technetium-99	1.13	pCi/g	UNV	481125.16	1346389.404
PRRE-1	PRRE-1^11-R	28-Feb-05	5	5.5	Uranium, Total	3.3	mg/kg	NV	481125.16	1346389.404
PRRE-1	PRRE-1^1-R	28-Feb-05	0	0.5	Technetium-99	1.23	pCi/g	UNV	481125.16	1346389.404
PRRE-1	PRRE-1^1-R	28-Feb-05	0	0.5	Uranium, Total	11.7	mg/kg	NV	481125.16	1346389.404
PRRE-2	PRRE-2^11-R	28-Feb-05	5	5.5	Technetium-99	1.24	pCi/g	UNV	481045.878	1346531.063
PRRE-2	PRRE-2^11-R	28-Feb-05	5	5.5	Uranium, Total	7.99	mg/kg	NV	481045.878	1346531.063
PRRE-2	PRRE-2^1-R	28-Feb-05	0	0.5	Technetium-99	1.3	pCi/g	NV	481045.878	1346531.063
PRRE-2	PRRE-2^1-R	28-Feb-05	0	0.5	Uranium, Total	9.2	mg/kg	NV	481045.878	1346531.063
PRRE-3	PRRE-3^11-R	28-Feb-05	5	5.5	Technetium-99	1.35	pCi/g	UNV	480954.161	1346563.755
PRRE-3	PRRE-3^11-R	28-Feb-05	5	5.5	Uranium, Total	5.78	mg/kg	NV	480954.161	1346563.755
PRRE-3	PRRE-3^1-R	28-Feb-05	0	0.5	Technetium-99	1.4	pCi/g	UNV	480954.161	1346563.755
PRRE-3	PRRE-3^1-R	28-Feb-05	0	0.5	Uranium, Total	6.88	mg/kg	NV	480954.161	1346563.755
PRRE-4	PRRE-4^11-R	28-Feb-05	5	5.5	Technetium-99	1.17	pCi/g	UNV	481011.695	1346601.984
PRRE-4	PRRE-4^11-R	28-Feb-05	5	5.5	Uranium, Total	13.1	mg/kg	NV	481011.695	1346601.984
PRRE-4	PRRE-4^1-R	28-Feb-05	0	0.5	Technetium-99	1.5	pCi/g	NV	481011.695	1346601.984
PRRE-4	PRRE-4^1-R	28-Feb-05	0	0.5	Uranium, Total	23.7	mg/kg	NV	481011.695	1346601.984
PRT-1	PRT-1^1-L	25-Aug-04	0	0.5	1,1-Dichloroethene	1.1	ug/kg	UNV	483985.95	1345744.65
PRT-1	PRT-1^1-L	25-Aug-04	0	0.5	Bromodichloromethane	1.1	ug/kg	UNV	483985.95	1345744.65
PRT-1	PRT-1^1-L	25-Aug-04	0	0.5	Tetrachloroethene	1.1	ug/kg	UNV	483985.95	1345744.65
PRT-1	PRT-1^1-L	25-Aug-04	0	0.5	Trichloroethene	1.1	ug/kg	UNV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Fluoride	1.06	mg/kg	NV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Antimony	0.65	mg/kg	NV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Arsenic	13.8	mg/kg	NV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Beryllium	0.53	mg/kg	NV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Cadmium	0.13	mg/kg	NV	483985.95	1345744.65

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Lead	8.6	mg/kg	NV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Manganese	909	mg/kg	NV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Molybdenum	1.5	mg/kg	NV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Silver	0.101	mg/kg	UNV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Aroclor-1254	3.8	ug/kg	UNV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Aroclor-1260	3.8	ug/kg	UNV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Dieldrin	1.52	ug/kg	UNV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Cesium-137	0.0275	pCi/g	U	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Radium-226	0.54	pCi/g	-	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Radium-228	0.264	pCi/g	-	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Technetium-99	0.508	pCi/g	U	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Thorium-228	0.277	pCi/g	-	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Thorium-230	1.89	pCi/g	J	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Thorium-232	0.264	pCi/g	-	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Uranium, Total	1.12	mg/kg	J	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Benzo(a)anthracene	0.038	ug/kg	UNV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Benzo(a)pyrene	0.031	ug/kg	NV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Benzo(b)fluoranthene	0.04	ug/kg	NV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.02	ug/kg	NV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Benzo(k)fluoranthene	0.038	ug/kg	UNV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Chrysene	0.038	ug/kg	UNV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.019	ug/kg	UNV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Fluoranthene	0.038	ug/kg	UNV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.038	ug/kg	UNV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Phenanthrene	0.038	ug/kg	UNV	483985.95	1345744.65
PRT-1	PRT-1^1-RMPS	25-Aug-04	0	0.5	Pyrene	0.038	ug/kg	UNV	483985.95	1345744.65
PRT-10	PRT-10^1-L	3-Aug-04	0	0.5	1,1-Dichloroethene	1.09	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-L	3-Aug-04	0	0.5	Bromodichloromethane	1.09	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-L	3-Aug-04	0	0.5	Tetrachloroethene	1.09	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-L	3-Aug-04	0	0.5	Trichloroethene	1.09	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Fluoride	5.36	mg/kg	NV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Antimony	0.387	mg/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Arsenic	6.65	mg/kg	NV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Beryllium	0.524	mg/kg	NV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Cadmium	0.12	mg/kg	NV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Lead	8.68	mg/kg	NV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Manganese	350	mg/kg	NV	482124.9957	1346107.96

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Molybdenum	1.48	mg/kg	NV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Silver	0.102	mg/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Aroclor-1254	3.86	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Aroclor-1260	3.86	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Dieldrin	4.63	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Cesium-137	0.0351	pCi/g	U	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Radium-226	0.67	pCi/g	-	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Radium-228	0.514	pCi/g	-	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Technetium-99	0.882	pCi/g	U	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Thorium-228	0.548	pCi/g	-	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Thorium-230	1.23	pCi/g	J	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Thorium-232	0.514	pCi/g	-	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Uranium, Total	2.83	mg/kg	J	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Benzo(a)anthracene	0.0386	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Benzo(a)pyrene	0.0386	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0386	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0386	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0386	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Chrysene	0.0386	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0193	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Fluoranthene	0.0386	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0386	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Phenanthrene	0.0386	ug/kg	UNV	482124.9957	1346107.96
PRT-10	PRT-10^1-RMPS	3-Aug-04	0	0.5	Pyrene	0.0386	ug/kg	UNV	482124.9957	1346107.96
PRT-10L1	PRT-10L1^1-R	3-Aug-04	0	0.5	Radium-226	0.634	pCi/g	-	482115.4209	1346096.74
PRT-10L1	PRT-10L1^1-R	3-Aug-04	0	0.5	Radium-228	0.48	pCi/g	-	482115.4209	1346096.74
PRT-10L1	PRT-10L1^1-R	3-Aug-04	0	0.5	Thorium-228	0.475	pCi/g	-	482115.4209	1346096.74
PRT-10L1	PRT-10L1^1-R	3-Aug-04	0	0.5	Thorium-230	1.11	pCi/g	J	482115.4209	1346096.74
PRT-10L1	PRT-10L1^1-R	3-Aug-04	0	0.5	Thorium-232	0.48	pCi/g	-	482115.4209	1346096.74
PRT-10L1	PRT-10L1^1-R	3-Aug-04	0	0.5	Uranium, Total	2.73	mg/kg	J	482115.4209	1346096.74
PRT-10L1	PRT-10L1^2-R	3-Aug-04	0.5	1	Radium-226	0.665	pCi/g	-	482115.4209	1346096.74
PRT-10L1	PRT-10L1^2-R	3-Aug-04	0.5	1	Radium-228	0.451	pCi/g	-	482115.4209	1346096.74
PRT-10L1	PRT-10L1^2-R	3-Aug-04	0.5	1	Thorium-228	0.45	pCi/g	-	482115.4209	1346096.74
PRT-10L1	PRT-10L1^2-R	3-Aug-04	0.5	1	Thorium-230	1.47	pCi/g	J	482115.4209	1346096.74
PRT-10L1	PRT-10L1^2-R	3-Aug-04	0.5	1	Thorium-232	0.451	pCi/g	-	482115.4209	1346096.74
PRT-10L1	PRT-10L1^2-R	3-Aug-04	0.5	1	Uranium, Total	2.44	mg/kg	J	482115.4209	1346096.74
PRT-10L1	PRT-10L1^3-R	3-Aug-04	1	1.5	Radium-226	0.474	pCi/g	-	482115.4209	1346096.74

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-10L1	PRT-10L1^3-R	3-Aug-04	1	1.5	Radium-228	0.387	pCi/g	-	482115.4209	1346096.74
PRT-10L1	PRT-10L1^3-R	3-Aug-04	1	1.5	Thorium-228	0.382	pCi/g	-	482115.4209	1346096.74
PRT-10L1	PRT-10L1^3-R	3-Aug-04	1	1.5	Thorium-230	1.04	pCi/g	J	482115.4209	1346096.74
PRT-10L1	PRT-10L1^3-R	3-Aug-04	1	1.5	Thorium-232	0.387	pCi/g	-	482115.4209	1346096.74
PRT-10L1	PRT-10L1^3-R	3-Aug-04	1	1.5	Uranium, Total	2.73	mg/kg	J	482115.4209	1346096.74
PRT-10L2	PRT-10L2^1-R	3-Aug-04	0	0.5	Radium-226	0.784	pCi/g	-	482114.233	1346095.348
PRT-10L2	PRT-10L2^1-R	3-Aug-04	0	0.5	Radium-228	0.669	pCi/g	-	482114.233	1346095.348
PRT-10L2	PRT-10L2^1-R	3-Aug-04	0	0.5	Thorium-228	0.656	pCi/g	-	482114.233	1346095.348
PRT-10L2	PRT-10L2^1-R	3-Aug-04	0	0.5	Thorium-230	1.51	pCi/g	J	482114.233	1346095.348
PRT-10L2	PRT-10L2^1-R	3-Aug-04	0	0.5	Thorium-232	0.669	pCi/g	-	482114.233	1346095.348
PRT-10L2	PRT-10L2^1-R	3-Aug-04	0	0.5	Uranium, Total	2.56	mg/kg	J	482114.233	1346095.348
PRT-10R1	PRT-10R1^1-R	3-Aug-04	0	0.5	Radium-226	0.679	pCi/g	-	482137.9786	1346123.174
PRT-10R1	PRT-10R1^1-R	3-Aug-04	0	0.5	Radium-228	0.54	pCi/g	-	482137.9786	1346123.174
PRT-10R1	PRT-10R1^1-R	3-Aug-04	0	0.5	Thorium-228	0.536	pCi/g	-	482137.9786	1346123.174
PRT-10R1	PRT-10R1^1-R	3-Aug-04	0	0.5	Thorium-230	0.899	pCi/g	J	482137.9786	1346123.174
PRT-10R1	PRT-10R1^1-R	3-Aug-04	0	0.5	Thorium-232	0.54	pCi/g	-	482137.9786	1346123.174
PRT-10R1	PRT-10R1^1-R	3-Aug-04	0	0.5	Uranium, Total	3.31	mg/kg	J	482137.9786	1346123.174
PRT-10R2	PRT-10R2^1-R	3-Aug-04	0	0.5	Radium-226	0.7	pCi/g	-	482145.7683	1346132.302
PRT-10R2	PRT-10R2^1-R	3-Aug-04	0	0.5	Radium-228	0.617	pCi/g	-	482145.7683	1346132.302
PRT-10R2	PRT-10R2^1-R	3-Aug-04	0	0.5	Thorium-228	0.633	pCi/g	-	482145.7683	1346132.302
PRT-10R2	PRT-10R2^1-R	3-Aug-04	0	0.5	Thorium-230	1.01	pCi/g	J	482145.7683	1346132.302
PRT-10R2	PRT-10R2^1-R	3-Aug-04	0	0.5	Thorium-232	0.617	pCi/g	-	482145.7683	1346132.302
PRT-10R2	PRT-10R2^1-R	3-Aug-04	0	0.5	Uranium, Total	2.65	mg/kg	J	482145.7683	1346132.302
PRT-11	PRT-11^1-L	6-Aug-04	0	0.5	1,1-Dichloroethene	1.14	ug/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-L	6-Aug-04	0	0.5	Bromodichloromethane	1.14	ug/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-L	6-Aug-04	0	0.5	Tetrachloroethene	1.14	ug/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-L	6-Aug-04	0	0.5	Trichloroethene	1.14	ug/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Fluoride	0.876	mg/kg	NV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Antimony	0.398	mg/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Arsenic	2.79	mg/kg	NV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Beryllium	0.216	mg/kg	NV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Cadmium	0.0554	mg/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Lead	3.67	mg/kg	NV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Manganese	510	mg/kg	NV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Molybdenum	0.258	mg/kg	NV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Silver	0.105	mg/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Aroclor-1254	3.86	ug/kg	UNV	481873.8	1346259.06

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Aroclor-1260	3.86	ug/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Dieldrin	1.55	ug/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Cesium-137	0.0294	pCi/g	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Radium-226	0.403	pCi/g	NV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Radium-228	0.27	pCi/g	NV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Technetium-99	0.922	pCi/g	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Thorium-228	0.302	pCi/g	NV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Thorium-230	1.16	pCi/g	NV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Thorium-232	0.27	pCi/g	NV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Uranium, Total	3.81	mg/kg	NV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Benzo(a)anthracene	0.0386	ug/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Benzo(a)pyrene	0.0386	ug/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0386	ug/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0386	ug/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0386	ug/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Chrysene	0.0386	ug/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0193	ug/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Fluoranthene	0.0386	ug/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0386	ug/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Phenanthrene	0.0386	ug/kg	UNV	481873.8	1346259.06
PRT-11	PRT-11^1-RMPS	6-Aug-04	0	0.5	Pyrene	0.0386	ug/kg	UNV	481873.8	1346259.06
PRT-11L1	PRT-11L1^1-L	6-Aug-04	0	0.5	1,1-Dichloroethene	1.2	ug/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-L	6-Aug-04	0	0.5	Bromodichloromethane	1.2	ug/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-L	6-Aug-04	0	0.5	Tetrachloroethene	1.2	ug/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-L	6-Aug-04	0	0.5	Trichloroethene	1.2	ug/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Fluoride	1.23	mg/kg	NV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Antimony	0.391	mg/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Arsenic	3.6	mg/kg	NV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Beryllium	0.389	mg/kg	NV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Cadmium	0.0673	mg/kg	NV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Lead	6.61	mg/kg	NV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Manganese	410	mg/kg	NV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Molybdenum	1.68	mg/kg	NV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Silver	0.103	mg/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Aroclor-1254	3.83	ug/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Aroclor-1260	3.83	ug/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Dieldrin	1.53	ug/kg	UNV	481665.1267	1346166.783

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Cesium-137	0.036	pCi/g	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Radium-226	0.707	pCi/g	NV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Radium-228	0.555	pCi/g	NV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Technetium-99	0.881	pCi/g	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Thorium-228	0.562	pCi/g	NV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Thorium-230	1.87	pCi/g	NV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Thorium-232	0.555	pCi/g	NV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Uranium, Total	4.6	mg/kg	NV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Benzo(a)anthracene	0.0383	ug/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Benzo(a)pyrene	0.0383	ug/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0383	ug/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0383	ug/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0383	ug/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Chrysene	0.0383	ug/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0192	ug/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Fluoranthene	0.0383	ug/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0383	ug/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Phenanthrene	0.0383	ug/kg	UNV	481665.1267	1346166.783
PRT-11L1	PRT-11L1^1-RMPS	6-Aug-04	0	0.5	Pyrene	0.0383	ug/kg	UNV	481665.1267	1346166.783
PRT-11L2	PRT-11L2^1-R	6-Aug-04	0	0.5	Radium-226	0.661	pCi/g	NV	481660.6675	1346147.287
PRT-11L2	PRT-11L2^1-R	6-Aug-04	0	0.5	Radium-228	0.338	pCi/g	NV	481660.6675	1346147.287
PRT-11L2	PRT-11L2^1-R	6-Aug-04	0	0.5	Thorium-228	0.337	pCi/g	NV	481660.6675	1346147.287
PRT-11L2	PRT-11L2^1-R	6-Aug-04	0	0.5	Thorium-230	4.7	pCi/g	NV	481660.6675	1346147.287
PRT-11L2	PRT-11L2^1-R	6-Aug-04	0	0.5	Thorium-232	0.338	pCi/g	NV	481660.6675	1346147.287
PRT-11L2	PRT-11L2^1-R	6-Aug-04	0	0.5	Uranium, Total	1.96	mg/kg	UNV	481660.6675	1346147.287
PRT-11L3	PRT-11L3^1-R	6-Aug-04	0	0.5	Radium-226	0.704	pCi/g	NV	481656.2083	1346127.79
PRT-11L3	PRT-11L3^1-R	6-Aug-04	0	0.5	Radium-228	0.361	pCi/g	NV	481656.2083	1346127.79
PRT-11L3	PRT-11L3^1-R	6-Aug-04	0	0.5	Thorium-228	0.37	pCi/g	NV	481656.2083	1346127.79
PRT-11L3	PRT-11L3^1-R	6-Aug-04	0	0.5	Thorium-230	3.93	pCi/g	NV	481656.2083	1346127.79
PRT-11L3	PRT-11L3^1-R	6-Aug-04	0	0.5	Thorium-232	0.361	pCi/g	NV	481656.2083	1346127.79
PRT-11L3	PRT-11L3^1-R	6-Aug-04	0	0.5	Uranium, Total	2.18	mg/kg	UNV	481656.2083	1346127.79
PRT-11L4	PRT-11L4^1-R	6-Aug-04	0	0.5	Radium-226	0.635	pCi/g	NV	481651.7491	1346108.293
PRT-11L4	PRT-11L4^1-R	6-Aug-04	0	0.5	Radium-228	0.316	pCi/g	NV	481651.7491	1346108.293
PRT-11L4	PRT-11L4^1-R	6-Aug-04	0	0.5	Thorium-228	0.338	pCi/g	NV	481651.7491	1346108.293
PRT-11L4	PRT-11L4^1-R	6-Aug-04	0	0.5	Thorium-230	3.34	pCi/g	NV	481651.7491	1346108.293
PRT-11L4	PRT-11L4^1-R	6-Aug-04	0	0.5	Thorium-232	0.316	pCi/g	NV	481651.7491	1346108.293
PRT-11L4	PRT-11L4^1-R	6-Aug-04	0	0.5	Uranium, Total	1.92	mg/kg	UNV	481651.7491	1346108.293

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-11L5	PRT-11L5^1-R	6-Aug-04	0	0.5	Radium-226	0.863	pCi/g	NV	481647.2899	1346088.797
PRT-11L5	PRT-11L5^1-R	6-Aug-04	0	0.5	Radium-228	0.719	pCi/g	NV	481647.2899	1346088.797
PRT-11L5	PRT-11L5^1-R	6-Aug-04	0	0.5	Thorium-228	0.743	pCi/g	NV	481647.2899	1346088.797
PRT-11L5	PRT-11L5^1-R	6-Aug-04	0	0.5	Thorium-230	3.35	pCi/g	NV	481647.2899	1346088.797
PRT-11L5	PRT-11L5^1-R	6-Aug-04	0	0.5	Thorium-232	0.719	pCi/g	NV	481647.2899	1346088.797
PRT-11L5	PRT-11L5^1-R	6-Aug-04	0	0.5	Uranium, Total	3.02	mg/kg	NV	481647.2899	1346088.797
PRT-11L6	PRT-11L6^1-R	6-Aug-04	0	0.5	Radium-226	1.14	pCi/g	NV	481644.6143	1346077.099
PRT-11L6	PRT-11L6^1-R	6-Aug-04	0	0.5	Radium-228	0.811	pCi/g	NV	481644.6143	1346077.099
PRT-11L6	PRT-11L6^1-R	6-Aug-04	0	0.5	Thorium-228	0.854	pCi/g	NV	481644.6143	1346077.099
PRT-11L6	PRT-11L6^1-R	6-Aug-04	0	0.5	Thorium-230	4.83	pCi/g	NV	481644.6143	1346077.099
PRT-11L6	PRT-11L6^1-R	6-Aug-04	0	0.5	Thorium-232	0.811	pCi/g	NV	481644.6143	1346077.099
PRT-11L6	PRT-11L6^1-R	6-Aug-04	0	0.5	Uranium, Total	5	mg/kg	NV	481644.6143	1346077.099
PRT-11R1	PRT-11R1^1-R	6-Aug-04	0	0.5	Radium-226	1.03	pCi/g	NV	481670.9237	1346192.129
PRT-11R1	PRT-11R1^1-R	6-Aug-04	0	0.5	Radium-228	0.787	pCi/g	NV	481670.9237	1346192.129
PRT-11R1	PRT-11R1^1-R	6-Aug-04	0	0.5	Thorium-228	0.804	pCi/g	NV	481670.9237	1346192.129
PRT-11R1	PRT-11R1^1-R	6-Aug-04	0	0.5	Thorium-230	3.9	pCi/g	NV	481670.9237	1346192.129
PRT-11R1	PRT-11R1^1-R	6-Aug-04	0	0.5	Thorium-232	0.787	pCi/g	NV	481670.9237	1346192.129
PRT-11R1	PRT-11R1^1-R	6-Aug-04	0	0.5	Uranium, Total	4.75	mg/kg	NV	481670.9237	1346192.129
PRT-11R2	PRT-11R2^1-R	6-Aug-04	0	0.5	Radium-226	1.17	pCi/g	NV	481671.4811	1346194.566
PRT-11R2	PRT-11R2^1-R	6-Aug-04	0	0.5	Radium-228	0.809	pCi/g	NV	481671.4811	1346194.566
PRT-11R2	PRT-11R2^1-R	6-Aug-04	0	0.5	Thorium-228	0.836	pCi/g	NV	481671.4811	1346194.566
PRT-11R2	PRT-11R2^1-R	6-Aug-04	0	0.5	Thorium-230	4.28	pCi/g	NV	481671.4811	1346194.566
PRT-11R2	PRT-11R2^1-R	6-Aug-04	0	0.5	Thorium-232	0.809	pCi/g	NV	481671.4811	1346194.566
PRT-11R2	PRT-11R2^1-R	6-Aug-04	0	0.5	Uranium, Total	2.57	mg/kg	NV	481671.4811	1346194.566
PRT-12	PRT-12^1-L	10-Aug-04	0	0.5	1,1-Dichloroethene	1.13	ug/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-L	10-Aug-04	0	0.5	Bromodichloromethane	1.13	ug/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-L	10-Aug-04	0	0.5	Tetrachloroethene	1.13	ug/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-L	10-Aug-04	0	0.5	Trichloroethene	1.13	ug/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Fluoride	0.827	mg/kg	NV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Antimony	0.404	mg/kg	NV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Arsenic	4.43	mg/kg	NV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Beryllium	0.225	mg/kg	NV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Cadmium	0.0538	mg/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Lead	5.57	mg/kg	NV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Manganese	696	mg/kg	NV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Molybdenum	0.371	mg/kg	NV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Silver	0.102	mg/kg	UNV	481771.0001	1346244.576

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Aroclor-1254	3.85	ug/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Aroclor-1260	3.85	ug/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Dieldrin	0.264	ug/kg	NV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Cesium-137	0.0402	pCi/g	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Radium-226	0.525	pCi/g	NV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Radium-228	0.231	pCi/g	NV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Technetium-99	0.943	pCi/g	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Thorium-228	0.234	pCi/g	NV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Thorium-230	1.61	pCi/g	NV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Thorium-232	0.231	pCi/g	NV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Uranium, Total	1.32	mg/kg	NV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Benzo(a)anthracene	0.0385	ug/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Benzo(a)pyrene	0.0385	ug/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0385	ug/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0385	ug/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0385	ug/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Chrysene	0.0385	ug/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0193	ug/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Fluoranthene	0.0385	ug/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0385	ug/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Phenanthrene	0.0385	ug/kg	UNV	481771.0001	1346244.576
PRT-12	PRT-12^1-RMPS	10-Aug-04	0	0.5	Pyrene	0.0385	ug/kg	UNV	481771.0001	1346244.576
PRT-12L1	PRT-12L1^1-R	10-Aug-04	0	0.5	Radium-226	0.863	pCi/g	NV	481776.0954	1346222.147
PRT-12L1	PRT-12L1^1-R	10-Aug-04	0	0.5	Radium-228	0.542	pCi/g	NV	481776.0954	1346222.147
PRT-12L1	PRT-12L1^1-R	10-Aug-04	0	0.5	Thorium-228	0.561	pCi/g	NV	481776.0954	1346222.147
PRT-12L1	PRT-12L1^1-R	10-Aug-04	0	0.5	Thorium-230	2.64	pCi/g	NV	481776.0954	1346222.147
PRT-12L1	PRT-12L1^1-R	10-Aug-04	0	0.5	Thorium-232	0.542	pCi/g	NV	481776.0954	1346222.147
PRT-12L1	PRT-12L1^1-R	10-Aug-04	0	0.5	Uranium, Total	3.07	mg/kg	UNV	481776.0954	1346222.147
PRT-12L2	PRT-12L2^1-R	10-Aug-04	0	0.5	Radium-226	0.659	pCi/g	NV	481780.5261	1346202.644
PRT-12L2	PRT-12L2^1-R	10-Aug-04	0	0.5	Radium-228	0.286	pCi/g	NV	481780.5261	1346202.644
PRT-12L2	PRT-12L2^1-R	10-Aug-04	0	0.5	Thorium-228	0.294	pCi/g	NV	481780.5261	1346202.644
PRT-12L2	PRT-12L2^1-R	10-Aug-04	0	0.5	Thorium-230	4.27	pCi/g	NV	481780.5261	1346202.644
PRT-12L2	PRT-12L2^1-R	10-Aug-04	0	0.5	Thorium-232	0.286	pCi/g	NV	481780.5261	1346202.644
PRT-12L2	PRT-12L2^1-R	10-Aug-04	0	0.5	Uranium, Total	2.11	mg/kg	UNV	481780.5261	1346202.644
PRT-12L3	PRT-12L3^1-R	10-Aug-04	0	0.5	Radium-226	0.672	pCi/g	NV	481784.9568	1346183.141
PRT-12L3	PRT-12L3^1-R	10-Aug-04	0	0.5	Radium-228	0.493	pCi/g	NV	481784.9568	1346183.141
PRT-12L3	PRT-12L3^1-R	10-Aug-04	0	0.5	Thorium-228	0.498	pCi/g	NV	481784.9568	1346183.141

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-12L3	PRT-12L3^1-R	10-Aug-04	0	0.5	Thorium-230	1.28	pCi/g	NV	481784.9568	1346183.141
PRT-12L3	PRT-12L3^1-R	10-Aug-04	0	0.5	Thorium-232	0.493	pCi/g	NV	481784.9568	1346183.141
PRT-12L3	PRT-12L3^1-R	10-Aug-04	0	0.5	Uranium, Total	2.53	mg/kg	UNV	481784.9568	1346183.141
PRT-12L4	PRT-12L4^1-R	10-Aug-04	0	0.5	Radium-226	1.1	pCi/g	NV	481789.3875	1346163.638
PRT-12L4	PRT-12L4^1-R	10-Aug-04	0	0.5	Radium-228	0.833	pCi/g	NV	481789.3875	1346163.638
PRT-12L4	PRT-12L4^1-R	10-Aug-04	0	0.5	Thorium-228	0.895	pCi/g	NV	481789.3875	1346163.638
PRT-12L4	PRT-12L4^1-R	10-Aug-04	0	0.5	Thorium-230	1.28	pCi/g	NV	481789.3875	1346163.638
PRT-12L4	PRT-12L4^1-R	10-Aug-04	0	0.5	Thorium-232	0.833	pCi/g	NV	481789.3875	1346163.638
PRT-12L4	PRT-12L4^1-R	10-Aug-04	0	0.5	Uranium, Total	6.33	mg/kg	NV	481789.3875	1346163.638
PRT-12R1	PRT-12R1^1-R	10-Aug-04	0	0.5	Radium-226	0.925	pCi/g	NV	481768.7848	1346254.327
PRT-12R1	PRT-12R1^1-R	10-Aug-04	0	0.5	Radium-228	0.696	pCi/g	NV	481768.7848	1346254.327
PRT-12R1	PRT-12R1^1-R	10-Aug-04	0	0.5	Thorium-228	0.716	pCi/g	NV	481768.7848	1346254.327
PRT-12R1	PRT-12R1^1-R	10-Aug-04	0	0.5	Thorium-230	3.29	pCi/g	NV	481768.7848	1346254.327
PRT-12R1	PRT-12R1^1-R	10-Aug-04	0	0.5	Thorium-232	0.696	pCi/g	NV	481768.7848	1346254.327
PRT-12R1	PRT-12R1^1-R	10-Aug-04	0	0.5	Uranium, Total	2.26	mg/kg	UNV	481768.7848	1346254.327
PRT-13	PRT-13^1-L	10-Aug-04	0	0.5	1,1-Dichloroethene	1.1	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-L	10-Aug-04	0	0.5	Bromodichloromethane	1.1	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-L	10-Aug-04	0	0.5	Tetrachloroethene	1.1	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-L	10-Aug-04	0	0.5	Trichloroethene	1.1	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Fluoride	1.21	mg/kg	NV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Antimony	0.393	mg/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Arsenic	3.08	mg/kg	NV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Beryllium	0.191	mg/kg	NV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Cadmium	0.0702	mg/kg	NV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Lead	4.35	mg/kg	NV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Manganese	441	mg/kg	NV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Molybdenum	0.277	mg/kg	NV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Silver	0.103	mg/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Aroclor-1254	3.87	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Aroclor-1260	3.87	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Dieldrin	1.55	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Cesium-137	0.0293	pCi/g	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Radium-226	0.542	pCi/g	NV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Radium-228	0.355	pCi/g	NV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Technetium-99	1.05	pCi/g	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Thorium-228	0.375	pCi/g	NV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Thorium-230	1.03	pCi/g	NV	481689.31	1346188.75

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Thorium-232	0.355	pCi/g	NV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Uranium, Total	2.12	mg/kg	NV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Benzo(a)anthracene	0.0387	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Benzo(a)pyrene	0.0387	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0387	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0387	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0387	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Chrysene	0.0387	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0194	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Fluoranthene	0.0387	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0387	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Phenanthrene	0.0387	ug/kg	UNV	481689.31	1346188.75
PRT-13	PRT-13^1-RMPS	10-Aug-04	0	0.5	Pyrene	0.0387	ug/kg	UNV	481689.31	1346188.75
PRT-13L1	PRT-13L1^1-R	10-Aug-04	0	0.5	Radium-226	0.522	pCi/g	NV	481691.3404	1346178.958
PRT-13L1	PRT-13L1^1-R	10-Aug-04	0	0.5	Radium-228	0.38	pCi/g	NV	481691.3404	1346178.958
PRT-13L1	PRT-13L1^1-R	10-Aug-04	0	0.5	Thorium-228	0.405	pCi/g	NV	481691.3404	1346178.958
PRT-13L1	PRT-13L1^1-R	10-Aug-04	0	0.5	Thorium-230	2.77	pCi/g	NV	481691.3404	1346178.958
PRT-13L1	PRT-13L1^1-R	10-Aug-04	0	0.5	Thorium-232	0.38	pCi/g	NV	481691.3404	1346178.958
PRT-13L1	PRT-13L1^1-R	10-Aug-04	0	0.5	Uranium, Total	3.71	mg/kg	NV	481691.3404	1346178.958
PRT-13R1	PRT-13R1^1-R	10-Aug-04	0	0.5	Radium-226	0.611	pCi/g	NV	481685.2493	1346208.333
PRT-13R1	PRT-13R1^1-R	10-Aug-04	0	0.5	Radium-228	0.41	pCi/g	NV	481685.2493	1346208.333
PRT-13R1	PRT-13R1^1-R	10-Aug-04	0	0.5	Thorium-228	0.436	pCi/g	NV	481685.2493	1346208.333
PRT-13R1	PRT-13R1^1-R	10-Aug-04	0	0.5	Thorium-230	5.14	pCi/g	NV	481685.2493	1346208.333
PRT-13R1	PRT-13R1^1-R	10-Aug-04	0	0.5	Thorium-232	0.41	pCi/g	NV	481685.2493	1346208.333
PRT-13R1	PRT-13R1^1-R	10-Aug-04	0	0.5	Uranium, Total	1.87	mg/kg	UNV	481685.2493	1346208.333
PRT-13R2	PRT-13R2^1-R	10-Aug-04	0	0.5	Radium-226	1.08	pCi/g	NV	481682.6098	1346221.063
PRT-13R2	PRT-13R2^1-R	10-Aug-04	0	0.5	Radium-228	0.869	pCi/g	NV	481682.6098	1346221.063
PRT-13R2	PRT-13R2^1-R	10-Aug-04	0	0.5	Thorium-228	0.897	pCi/g	NV	481682.6098	1346221.063
PRT-13R2	PRT-13R2^1-R	10-Aug-04	0	0.5	Thorium-230	4.02	pCi/g	NV	481682.6098	1346221.063
PRT-13R2	PRT-13R2^1-R	10-Aug-04	0	0.5	Thorium-232	0.869	pCi/g	NV	481682.6098	1346221.063
PRT-13R2	PRT-13R2^1-R	10-Aug-04	0	0.5	Uranium, Total	4.7	mg/kg	NV	481682.6098	1346221.063
PRT-14	PRT-14^1-L	10-Aug-04	0	0.5	1,1-Dichloroethene	1.23	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-L	10-Aug-04	0	0.5	Bromodichloromethane	1.23	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-L	10-Aug-04	0	0.5	Tetrachloroethene	1.23	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-L	10-Aug-04	0	0.5	Trichloroethene	1.23	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Fluoride	0.893	mg/kg	NV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Antimony	0.385	mg/kg	UNV	481665.24	1346192.45

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Arsenic	8.21	mg/kg	NV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Beryllium	0.288	mg/kg	NV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Cadmium	0.0799	mg/kg	NV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Lead	7.93	mg/kg	NV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Manganese	1050	mg/kg	NV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Molybdenum	1.05	mg/kg	NV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Silver	0.101	mg/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Aroclor-1254	3.74	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Aroclor-1260	3.74	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Dieldrin	1.5	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Cesium-137	0.027	pCi/g	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Radium-226	0.418	pCi/g	NV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Radium-228	0.265	pCi/g	NV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Technetium-99	0.712	pCi/g	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Thorium-228	0.263	pCi/g	NV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Thorium-230	0.882	pCi/g	NV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Thorium-232	0.265	pCi/g	NV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Uranium, Total	1.43	mg/kg	NV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Benzo(a)anthracene	0.0374	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Benzo(a)pyrene	0.0374	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0374	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0374	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0374	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Chrysene	0.0374	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0187	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Fluoranthene	0.0374	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0374	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Phenanthrene	0.0374	ug/kg	UNV	481665.24	1346192.45
PRT-14	PRT-14^1-RMPS	10-Aug-04	0	0.5	Pyrene	0.0374	ug/kg	UNV	481665.24	1346192.45
PRT-14L1	PRT-14L1^1-R	10-Aug-04	0	0.5	Radium-226	0.572	pCi/g	NV	481668.993	1346173.569
PRT-14L1	PRT-14L1^1-R	10-Aug-04	0	0.5	Radium-228	0.389	pCi/g	NV	481668.993	1346173.569
PRT-14L1	PRT-14L1^1-R	10-Aug-04	0	0.5	Thorium-228	0.404	pCi/g	NV	481668.993	1346173.569
PRT-14L1	PRT-14L1^1-R	10-Aug-04	0	0.5	Thorium-230	3.8	pCi/g	NV	481668.993	1346173.569
PRT-14L1	PRT-14L1^1-R	10-Aug-04	0	0.5	Thorium-232	0.389	pCi/g	NV	481668.993	1346173.569
PRT-14L1	PRT-14L1^1-R	10-Aug-04	0	0.5	Uranium, Total	2.23	mg/kg	UNV	481668.993	1346173.569
PRT-14R1	PRT-14R1^1-R	10-Aug-04	0	0.5	Radium-226	0.919	pCi/g	NV	481661.3408	1346212.066
PRT-14R1	PRT-14R1^1-R	10-Aug-04	0	0.5	Radium-228	0.654	pCi/g	NV	481661.3408	1346212.066

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-14R1	PRT-14R1^1-R	10-Aug-04	0	0.5	Thorium-228	0.698	pCi/g	NV	481661.3408	1346212.066
PRT-14R1	PRT-14R1^1-R	10-Aug-04	0	0.5	Thorium-230	3.79	pCi/g	NV	481661.3408	1346212.066
PRT-14R1	PRT-14R1^1-R	10-Aug-04	0	0.5	Thorium-232	0.654	pCi/g	NV	481661.3408	1346212.066
PRT-14R1	PRT-14R1^1-R	10-Aug-04	0	0.5	Uranium, Total	2.72	mg/kg	NV	481661.3408	1346212.066
PRT-14R2	PRT-14R2^1-R	10-Aug-04	0	0.5	Radium-226	1.15	pCi/g	NV	481660.7559	1346215.009
PRT-14R2	PRT-14R2^1-R	10-Aug-04	0	0.5	Radium-228	0.906	pCi/g	NV	481660.7559	1346215.009
PRT-14R2	PRT-14R2^1-R	10-Aug-04	0	0.5	Thorium-228	0.957	pCi/g	NV	481660.7559	1346215.009
PRT-14R2	PRT-14R2^1-R	10-Aug-04	0	0.5	Thorium-230	5.03	pCi/g	NV	481660.7559	1346215.009
PRT-14R2	PRT-14R2^1-R	10-Aug-04	0	0.5	Thorium-232	0.906	pCi/g	NV	481660.7559	1346215.009
PRT-14R2	PRT-14R2^1-R	10-Aug-04	0	0.5	Uranium, Total	2.85	mg/kg	UNV	481660.7559	1346215.009
PRT-15	PRT-15^1-L	10-Aug-04	0	0.5	1,1-Dichloroethene	1.15	ug/kg	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-L	10-Aug-04	0	0.5	Bromodichloromethane	1.15	ug/kg	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-L	10-Aug-04	0	0.5	Tetrachloroethene	1.15	ug/kg	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-L	10-Aug-04	0	0.5	Trichloroethene	1.15	ug/kg	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Fluoride	0.847	mg/kg	NV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Antimony	0.386	mg/kg	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Arsenic	10.5	mg/kg	NV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Beryllium	0.16	mg/kg	NV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Cadmium	0.0537	mg/kg	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Lead	3.49	mg/kg	NV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Manganese	389	mg/kg	NV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Molybdenum	0.803	mg/kg	NV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Silver	0.101	mg/kg	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Aroclor-1254	3.87	ug/kg	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Aroclor-1260	3.87	ug/kg	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Dieldrin	1.55	ug/kg	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Cesium-137	0.0358	pCi/g	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Radium-226	0.433	pCi/g	NV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Radium-228	0.256	pCi/g	NV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Technetium-99	0.967	pCi/g	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Thorium-228	0.275	pCi/g	NV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Thorium-230	1.73	pCi/g	NV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Thorium-232	0.256	pCi/g	NV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Uranium, Total	2.24	mg/kg	NV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Benzo(a)anthracene	0.0373	ug/kg	NV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Benzo(a)pyrene	0.0736	ug/kg	NV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Benzo(b)fluoranthene	0.097	ug/kg	NV	481464.35	1346150.64

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0387	ug/kg	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0387	ug/kg	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Chrysene	0.0276	ug/kg	NV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0194	ug/kg	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Fluoranthene	0.0556	ug/kg	NV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0387	ug/kg	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Phenanthrene	0.0387	ug/kg	UNV	481464.35	1346150.64
PRT-15	PRT-15^1-RMPS	10-Aug-04	0	0.5	Pyrene	0.0529	ug/kg	NV	481464.35	1346150.64
PRT-15L1	PRT-15L1^1-R	10-Aug-04	0	0.5	Radium-226	0.861	pCi/g	NV	481462.8109	1346144.841
PRT-15L1	PRT-15L1^1-R	10-Aug-04	0	0.5	Radium-228	0.611	pCi/g	NV	481462.8109	1346144.841
PRT-15L1	PRT-15L1^1-R	10-Aug-04	0	0.5	Thorium-228	0.613	pCi/g	NV	481462.8109	1346144.841
PRT-15L1	PRT-15L1^1-R	10-Aug-04	0	0.5	Thorium-230	4.36	pCi/g	NV	481462.8109	1346144.841
PRT-15L1	PRT-15L1^1-R	10-Aug-04	0	0.5	Thorium-232	0.611	pCi/g	NV	481462.8109	1346144.841
PRT-15L1	PRT-15L1^1-R	10-Aug-04	0	0.5	Uranium, Total	2.67	mg/kg	UNV	481462.8109	1346144.841
PRT-15R1	PRT-15R1^1-R	10-Aug-04	0	0.5	Radium-226	0.668	pCi/g	NV	481469.4802	1346169.971
PRT-15R1	PRT-15R1^1-R	10-Aug-04	0	0.5	Radium-228	0.265	pCi/g	NV	481469.4802	1346169.971
PRT-15R1	PRT-15R1^1-R	10-Aug-04	0	0.5	Thorium-228	0.274	pCi/g	NV	481469.4802	1346169.971
PRT-15R1	PRT-15R1^1-R	10-Aug-04	0	0.5	Thorium-230	3.85	pCi/g	NV	481469.4802	1346169.971
PRT-15R1	PRT-15R1^1-R	10-Aug-04	0	0.5	Thorium-232	0.265	pCi/g	NV	481469.4802	1346169.971
PRT-15R1	PRT-15R1^1-R	10-Aug-04	0	0.5	Uranium, Total	2.17	mg/kg	UNV	481469.4802	1346169.971
PRT-15R2	PRT-15R2^1-R	10-Aug-04	0	0.5	Radium-226	0.64	pCi/g	NV	481474.6104	1346189.302
PRT-15R2	PRT-15R2^1-R	10-Aug-04	0	0.5	Radium-228	0.474	pCi/g	NV	481474.6104	1346189.302
PRT-15R2	PRT-15R2^1-R	10-Aug-04	0	0.5	Thorium-228	0.471	pCi/g	NV	481474.6104	1346189.302
PRT-15R2	PRT-15R2^1-R	10-Aug-04	0	0.5	Thorium-230	4.08	pCi/g	NV	481474.6104	1346189.302
PRT-15R2	PRT-15R2^1-R	10-Aug-04	0	0.5	Thorium-232	0.474	pCi/g	NV	481474.6104	1346189.302
PRT-15R2	PRT-15R2^1-R	10-Aug-04	0	0.5	Uranium, Total	3.26	mg/kg	NV	481474.6104	1346189.302
PRT-15R3	PRT-15R3^1-R	10-Aug-04	0	0.5	Radium-226	0.734	pCi/g	NV	481479.7407	1346208.632
PRT-15R3	PRT-15R3^1-R	10-Aug-04	0	0.5	Radium-228	0.567	pCi/g	NV	481479.7407	1346208.632
PRT-15R3	PRT-15R3^1-R	10-Aug-04	0	0.5	Thorium-228	0.587	pCi/g	NV	481479.7407	1346208.632
PRT-15R3	PRT-15R3^1-R	10-Aug-04	0	0.5	Thorium-230	3.4	pCi/g	NV	481479.7407	1346208.632
PRT-15R3	PRT-15R3^1-R	10-Aug-04	0	0.5	Thorium-232	0.567	pCi/g	NV	481479.7407	1346208.632
PRT-15R3	PRT-15R3^1-R	10-Aug-04	0	0.5	Uranium, Total	3.55	mg/kg	NV	481479.7407	1346208.632
PRT-16	PRT-16^1-L	10-Aug-04	0	0.5	1,1-Dichloroethene	1.04	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-L	10-Aug-04	0	0.5	Bromodichloromethane	1.04	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-L	10-Aug-04	0	0.5	Tetrachloroethene	1.04	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-L	10-Aug-04	0	0.5	Trichloroethene	1.04	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Fluoride	1.22	mg/kg	NV	481384.05	1346213.69

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Antimony	0.373	mg/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Arsenic	5.59	mg/kg	NV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Beryllium	0.324	mg/kg	NV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Cadmium	0.0867	mg/kg	NV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Lead	4.92	mg/kg	NV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Manganese	823	mg/kg	NV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Molybdenum	0.962	mg/kg	NV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Silver	0.098	mg/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Aroclor-1254	3.75	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Aroclor-1260	3.75	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Dieldrin	1.5	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Cesium-137	0.0307	pCi/g	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Radium-226	0.505	pCi/g	NV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Radium-228	0.36	pCi/g	NV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Technetium-99	1.01	pCi/g	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Thorium-228	0.368	pCi/g	NV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Thorium-230	0.89	pCi/g	NV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Thorium-232	0.36	pCi/g	NV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Uranium, Total	1.3	mg/kg	NV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Benzo(a)anthracene	0.0375	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Benzo(a)pyrene	0.0375	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0375	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0375	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0375	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Chrysene	0.0375	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0188	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Fluoranthene	0.0375	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0375	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Phenanthrene	0.0375	ug/kg	UNV	481384.05	1346213.69
PRT-16	PRT-16^1-RMPS	10-Aug-04	0	0.5	Pyrene	0.0375	ug/kg	UNV	481384.05	1346213.69
PRT-16L1	PRT-16L1^1-R	10-Aug-04	0	0.5	Radium-226	0.97	pCi/g	NV	481381.3265	1346207.788
PRT-16L1	PRT-16L1^1-R	10-Aug-04	0	0.5	Radium-228	0.734	pCi/g	NV	481381.3265	1346207.788
PRT-16L1	PRT-16L1^1-R	10-Aug-04	0	0.5	Thorium-228	0.785	pCi/g	NV	481381.3265	1346207.788
PRT-16L1	PRT-16L1^1-R	10-Aug-04	0	0.5	Thorium-230	4.32	pCi/g	NV	481381.3265	1346207.788
PRT-16L1	PRT-16L1^1-R	10-Aug-04	0	0.5	Thorium-232	0.734	pCi/g	NV	481381.3265	1346207.788
PRT-16L1	PRT-16L1^1-R	10-Aug-04	0	0.5	Uranium, Total	4.78	mg/kg	NV	481381.3265	1346207.788
PRT-16L1	PRT-16L1^2-R	10-Aug-04	0.5	1	Radium-226	0.789	pCi/g	NV	481381.3265	1346207.788

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-16L1	PRT-16L1^2-R	10-Aug-04	0.5	1	Radium-228	0.537	pCi/g	NV	481381.3265	1346207.788
PRT-16L1	PRT-16L1^2-R	10-Aug-04	0.5	1	Thorium-228	0.559	pCi/g	NV	481381.3265	1346207.788
PRT-16L1	PRT-16L1^2-R	10-Aug-04	0.5	1	Thorium-230	3.63	pCi/g	NV	481381.3265	1346207.788
PRT-16L1	PRT-16L1^2-R	10-Aug-04	0.5	1	Thorium-232	0.537	pCi/g	NV	481381.3265	1346207.788
PRT-16L1	PRT-16L1^2-R	10-Aug-04	0.5	1	Uranium, Total	2.21	mg/kg	UNV	481381.3265	1346207.788
PRT-16L1	PRT-16L1^3-R	10-Aug-04	1	1.5	Radium-226	0.816	pCi/g	NV	481381.3265	1346207.788
PRT-16L1	PRT-16L1^3-R	10-Aug-04	1	1.5	Radium-228	0.546	pCi/g	NV	481381.3265	1346207.788
PRT-16L1	PRT-16L1^3-R	10-Aug-04	1	1.5	Thorium-228	0.573	pCi/g	NV	481381.3265	1346207.788
PRT-16L1	PRT-16L1^3-R	10-Aug-04	1	1.5	Thorium-230	3.58	pCi/g	NV	481381.3265	1346207.788
PRT-16L1	PRT-16L1^3-R	10-Aug-04	1	1.5	Thorium-232	0.546	pCi/g	NV	481381.3265	1346207.788
PRT-16L1	PRT-16L1^3-R	10-Aug-04	1	1.5	Uranium, Total	4.43	mg/kg	NV	481381.3265	1346207.788
PRT-16L2	PRT-16L2^1-R	10-Aug-04	0	0.5	Radium-226	1.14	pCi/g	NV	481379.4411	1346203.702
PRT-16L2	PRT-16L2^1-R	10-Aug-04	0	0.5	Radium-228	0.787	pCi/g	NV	481379.4411	1346203.702
PRT-16L2	PRT-16L2^1-R	10-Aug-04	0	0.5	Thorium-228	0.817	pCi/g	NV	481379.4411	1346203.702
PRT-16L2	PRT-16L2^1-R	10-Aug-04	0	0.5	Thorium-230	4.03	pCi/g	NV	481379.4411	1346203.702
PRT-16L2	PRT-16L2^1-R	10-Aug-04	0	0.5	Thorium-232	0.787	pCi/g	NV	481379.4411	1346203.702
PRT-16L2	PRT-16L2^1-R	10-Aug-04	0	0.5	Uranium, Total	2.83	mg/kg	UNV	481379.4411	1346203.702
PRT-16R1	PRT-16R1^1-R	10-Aug-04	0	0.5	Radium-226	0.561	pCi/g	NV	481392.4299	1346231.85
PRT-16R1	PRT-16R1^1-R	10-Aug-04	0	0.5	Radium-228	0.335	pCi/g	NV	481392.4299	1346231.85
PRT-16R1	PRT-16R1^1-R	10-Aug-04	0	0.5	Thorium-228	0.356	pCi/g	NV	481392.4299	1346231.85
PRT-16R1	PRT-16R1^1-R	10-Aug-04	0	0.5	Thorium-230	2.97	pCi/g	NV	481392.4299	1346231.85
PRT-16R1	PRT-16R1^1-R	10-Aug-04	0	0.5	Thorium-232	0.335	pCi/g	NV	481392.4299	1346231.85
PRT-16R1	PRT-16R1^1-R	10-Aug-04	0	0.5	Uranium, Total	4.09	mg/kg	NV	481392.4299	1346231.85
PRT-16R2	PRT-16R2^1-R	10-Aug-04	0	0.5	Radium-226	0.578	pCi/g	NV	481400.8098	1346250.01
PRT-16R2	PRT-16R2^1-R	10-Aug-04	0	0.5	Radium-228	0.475	pCi/g	NV	481400.8098	1346250.01
PRT-16R2	PRT-16R2^1-R	10-Aug-04	0	0.5	Thorium-228	0.48	pCi/g	NV	481400.8098	1346250.01
PRT-16R2	PRT-16R2^1-R	10-Aug-04	0	0.5	Thorium-230	3.61	pCi/g	NV	481400.8098	1346250.01
PRT-16R2	PRT-16R2^1-R	10-Aug-04	0	0.5	Thorium-232	0.475	pCi/g	NV	481400.8098	1346250.01
PRT-16R2	PRT-16R2^1-R	10-Aug-04	0	0.5	Uranium, Total	3.51	mg/kg	NV	481400.8098	1346250.01
PRT-16R3	PRT-16R3^1-R	10-Aug-04	0	0.5	Radium-226	0.819	pCi/g	NV	481409.1897	1346268.169
PRT-16R3	PRT-16R3^1-R	10-Aug-04	0	0.5	Radium-228	0.51	pCi/g	NV	481409.1897	1346268.169
PRT-16R3	PRT-16R3^1-R	10-Aug-04	0	0.5	Thorium-228	0.506	pCi/g	NV	481409.1897	1346268.169
PRT-16R3	PRT-16R3^1-R	10-Aug-04	0	0.5	Thorium-230	3.49	pCi/g	NV	481409.1897	1346268.169
PRT-16R3	PRT-16R3^1-R	10-Aug-04	0	0.5	Thorium-232	0.51	pCi/g	NV	481409.1897	1346268.169
PRT-16R3	PRT-16R3^1-R	10-Aug-04	0	0.5	Uranium, Total	3.31	mg/kg	NV	481409.1897	1346268.169
PRT-17	PRT-17^1-L	11-Aug-04	0	0.5	1,1-Dichloroethene	1.12	ug/kg	UNV	481004.0502	1346409.274
PRT-17	PRT-17^1-L	11-Aug-04	0	0.5	Bromodichloromethane	1.12	ug/kg	UNV	481004.0502	1346409.274

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-17	PRT-17^1-L	11-Aug-04	0	0.5	Tetrachloroethene	1.12	ug/kg	UNV	481004.0502	1346409.274
PRT-17	PRT-17^1-L	11-Aug-04	0	0.5	Trichloroethene	1.12	ug/kg	UNV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Fluoride	1.89	mg/kg	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Antimony	0.743	mg/kg	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Arsenic	4.9	mg/kg	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Beryllium	0.426	mg/kg	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Cadmium	0.0547	mg/kg	UNV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Lead	7.22	mg/kg	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Manganese	728	mg/kg	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Molybdenum	1.04	mg/kg	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Silver	0.103	mg/kg	UNV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Aroclor-1254	3.84	ug/kg	UNV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Aroclor-1260	3.84	ug/kg	UNV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Dieldrin	1.53	ug/kg	UNV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Cesium-137	0.0398	pCi/g	UNV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Radium-226	0.535	pCi/g	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Radium-228	0.439	pCi/g	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Technetium-99	0.779	pCi/g	UNV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Thorium-228	0.426	pCi/g	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Thorium-230	1.95	pCi/g	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Thorium-232	0.439	pCi/g	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Uranium, Total	1.33	mg/kg	UNV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Benzo(a)anthracene	0.0326	ug/kg	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Benzo(a)pyrene	0.0697	ug/kg	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Benzo(b)fluoranthene	0.104	ug/kg	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0384	ug/kg	UNV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0384	ug/kg	UNV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Chrysene	0.0302	ug/kg	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0192	ug/kg	UNV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Fluoranthene	0.049	ug/kg	NV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0384	ug/kg	UNV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Phenanthrene	0.0384	ug/kg	UNV	481004.0502	1346409.274
PRT-17	PRT-17^1-RMPS	11-Aug-04	0	0.5	Pyrene	0.0553	ug/kg	NV	481004.0502	1346409.274
PRT-17L1	PRT-17L1^1-R	11-Aug-04	0	0.5	Radium-226	1.1	pCi/g	NV	480997.2103	1346402.681
PRT-17L1	PRT-17L1^1-R	11-Aug-04	0	0.5	Radium-228	0.701	pCi/g	NV	480997.2103	1346402.681
PRT-17L1	PRT-17L1^1-R	11-Aug-04	0	0.5	Thorium-228	0.699	pCi/g	NV	480997.2103	1346402.681
PRT-17L1	PRT-17L1^1-R	11-Aug-04	0	0.5	Thorium-230	2.12	pCi/g	NV	480997.2103	1346402.681

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-17L1	PRT-17L1^1-R	11-Aug-04	0	0.5	Thorium-232	0.701	pCi/g	NV	480997.2103	1346402.681
PRT-17L1	PRT-17L1^1-R	11-Aug-04	0	0.5	Uranium, Total	2.1	mg/kg	UNV	480997.2103	1346402.681
PRT-17R1	PRT-17R1^1-R	11-Aug-04	0	0.5	Radium-226	0.466	pCi/g	NV	481018.4499	1346423.154
PRT-17R1	PRT-17R1^1-R	11-Aug-04	0	0.5	Radium-228	0.403	pCi/g	NV	481018.4499	1346423.154
PRT-17R1	PRT-17R1^1-R	11-Aug-04	0	0.5	Thorium-228	0.419	pCi/g	NV	481018.4499	1346423.154
PRT-17R1	PRT-17R1^1-R	11-Aug-04	0	0.5	Thorium-230	1.12	pCi/g	NV	481018.4499	1346423.154
PRT-17R1	PRT-17R1^1-R	11-Aug-04	0	0.5	Thorium-232	0.403	pCi/g	NV	481018.4499	1346423.154
PRT-17R1	PRT-17R1^1-R	11-Aug-04	0	0.5	Uranium, Total	1.73	mg/kg	NV	481018.4499	1346423.154
PRT-17R2	PRT-17R2^1-R	11-Aug-04	0	0.5	Radium-226	0.705	pCi/g	NV	481029.2497	1346433.564
PRT-17R2	PRT-17R2^1-R	11-Aug-04	0	0.5	Radium-228	0.539	pCi/g	NV	481029.2497	1346433.564
PRT-17R2	PRT-17R2^1-R	11-Aug-04	0	0.5	Thorium-228	0.544	pCi/g	NV	481029.2497	1346433.564
PRT-17R2	PRT-17R2^1-R	11-Aug-04	0	0.5	Thorium-230	2.47	pCi/g	NV	481029.2497	1346433.564
PRT-17R2	PRT-17R2^1-R	11-Aug-04	0	0.5	Thorium-232	0.539	pCi/g	NV	481029.2497	1346433.564
PRT-17R2	PRT-17R2^1-R	11-Aug-04	0	0.5	Uranium, Total	2.04	mg/kg	NV	481029.2497	1346433.564
PRT-18	PRT-18^1-L	11-Aug-04	0	0.5	1,1-Dichloroethene	1.23	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-L	11-Aug-04	0	0.5	Bromodichloromethane	1.23	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-L	11-Aug-04	0	0.5	Tetrachloroethene	1.23	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-L	11-Aug-04	0	0.5	Trichloroethene	1.23	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Fluoride	1.87	mg/kg	NV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Antimony	0.417	mg/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Arsenic	4.81	mg/kg	NV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Beryllium	0.511	mg/kg	NV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Cadmium	0.0956	mg/kg	NV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Lead	7.72	mg/kg	NV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Manganese	444	mg/kg	NV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Molybdenum	1.02	mg/kg	NV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Silver	0.11	mg/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Aroclor-1254	4.07	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Aroclor-1260	4.07	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Dieldrin	1.63	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Cesium-137	0.041	pCi/g	-	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Radium-226	0.741	pCi/g	-	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Radium-228	0.479	pCi/g	-	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Technetium-99	0.856	pCi/g	U	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Thorium-228	0.502	pCi/g	J	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Thorium-230	1.2	pCi/g	J	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Thorium-232	0.479	pCi/g	-	480919.8595	1346495.638

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Uranium, Total	1.32	mg/kg	U	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Benzo(a)anthracene	0.0407	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Benzo(a)pyrene	0.0407	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0407	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0407	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0407	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Chrysene	0.0407	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0203	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Fluoranthene	0.0407	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0407	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Phenanthrene	0.0407	ug/kg	UNV	480919.8595	1346495.638
PRT-18	PRT-18^1-RMPS	11-Aug-04	0	0.5	Pyrene	0.0407	ug/kg	UNV	480919.8595	1346495.638
PRT-18L1	PRT-18L1^1-R	11-Aug-04	0	0.5	Radium-226	0.854	pCi/g	-	480916.816	1346493.043
PRT-18L1	PRT-18L1^1-R	11-Aug-04	0	0.5	Radium-228	0.7	pCi/g	-	480916.816	1346493.043
PRT-18L1	PRT-18L1^1-R	11-Aug-04	0	0.5	Thorium-228	0.71	pCi/g	J	480916.816	1346493.043
PRT-18L1	PRT-18L1^1-R	11-Aug-04	0	0.5	Thorium-230	1.74	pCi/g	J	480916.816	1346493.043
PRT-18L1	PRT-18L1^1-R	11-Aug-04	0	0.5	Thorium-232	0.7	pCi/g	-	480916.816	1346493.043
PRT-18L1	PRT-18L1^1-R	11-Aug-04	0	0.5	Uranium, Total	6.31	mg/kg	-	480916.816	1346493.043
PRT-18R1	PRT-18R1^1-R	11-Aug-04	0	0.5	Radium-226	0.582	pCi/g	-	480935.0771	1346508.616
PRT-18R1	PRT-18R1^1-R	11-Aug-04	0	0.5	Radium-228	0.316	pCi/g	-	480935.0771	1346508.616
PRT-18R1	PRT-18R1^1-R	11-Aug-04	0	0.5	Thorium-228	0.338	pCi/g	J	480935.0771	1346508.616
PRT-18R1	PRT-18R1^1-R	11-Aug-04	0	0.5	Thorium-230	1.37	pCi/g	J	480935.0771	1346508.616
PRT-18R1	PRT-18R1^1-R	11-Aug-04	0	0.5	Thorium-232	0.316	pCi/g	-	480935.0771	1346508.616
PRT-18R1	PRT-18R1^1-R	11-Aug-04	0	0.5	Uranium, Total	1.61	mg/kg	J	480935.0771	1346508.616
PRT-18R2	PRT-18R2^1-R	11-Aug-04	0	0.5	Radium-226	0.82	pCi/g	-	480944.9685	1346517.052
PRT-18R2	PRT-18R2^1-R	11-Aug-04	0	0.5	Radium-228	0.675	pCi/g	-	480944.9685	1346517.052
PRT-18R2	PRT-18R2^1-R	11-Aug-04	0	0.5	Thorium-228	0.675	pCi/g	J	480944.9685	1346517.052
PRT-18R2	PRT-18R2^1-R	11-Aug-04	0	0.5	Thorium-230	2.06	pCi/g	J	480944.9685	1346517.052
PRT-18R2	PRT-18R2^1-R	11-Aug-04	0	0.5	Thorium-232	0.675	pCi/g	-	480944.9685	1346517.052
PRT-18R2	PRT-18R2^1-R	11-Aug-04	0	0.5	Uranium, Total	3.42	mg/kg	-	480944.9685	1346517.052
PRT-19	PRT-19^1-L	11-Aug-04	0	0.5	1,1-Dichloroethene	1.17	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-L	11-Aug-04	0	0.5	Bromodichloromethane	1.17	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-L	11-Aug-04	0	0.5	Tetrachloroethene	1.17	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-L	11-Aug-04	0	0.5	Trichloroethene	1.17	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Fluoride	1.08	mg/kg	NV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Antimony	0.449	mg/kg	NV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Arsenic	5.49	mg/kg	NV	480736.72	1346679.75

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Beryllium	0.311	mg/kg	NV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Cadmium	0.0532	mg/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Lead	7.1	mg/kg	NV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Manganese	851	mg/kg	NV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Molybdenum	0.801	mg/kg	NV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Silver	0.1	mg/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Aroclor-1254	3.71	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Aroclor-1260	3.71	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Dieldrin	1.48	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Cesium-137	0.0377	pCi/g	U	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Radium-226	0.669	pCi/g	-	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Radium-228	0.444	pCi/g	-	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Technetium-99	0.824	pCi/g	U	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Thorium-228	0.46	pCi/g	J	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Thorium-230	1.47	pCi/g	J	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Thorium-232	0.444	pCi/g	-	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Uranium, Total	1.54	mg/kg	U	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Benzo(a)anthracene	0.0371	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Benzo(a)pyrene	0.0371	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0371	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0371	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0371	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Chrysene	0.0371	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0186	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Fluoranthene	0.0371	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0371	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Phenanthrene	0.0371	ug/kg	UNV	480736.72	1346679.75
PRT-19	PRT-19^1-RMPS	11-Aug-04	0	0.5	Pyrene	0.0371	ug/kg	UNV	480736.72	1346679.75
PRT-19L1	PRT-19L1^1-R	11-Aug-04	0	0.5	Radium-226	0.951	pCi/g	-	480732.7077	1346672.257
PRT-19L1	PRT-19L1^1-R	11-Aug-04	0	0.5	Radium-228	0.821	pCi/g	-	480732.7077	1346672.257
PRT-19L1	PRT-19L1^1-R	11-Aug-04	0	0.5	Thorium-228	0.822	pCi/g	J	480732.7077	1346672.257
PRT-19L1	PRT-19L1^1-R	11-Aug-04	0	0.5	Thorium-230	1.91	pCi/g	J	480732.7077	1346672.257
PRT-19L1	PRT-19L1^1-R	11-Aug-04	0	0.5	Thorium-232	0.821	pCi/g	-	480732.7077	1346672.257
PRT-19L1	PRT-19L1^1-R	11-Aug-04	0	0.5	Uranium, Total	3.41	mg/kg	-	480732.7077	1346672.257
PRT-19R1	PRT-19R1^1-R	11-Aug-04	0	0.5	Radium-226	0.455	pCi/g	-	480746.1608	1346697.382
PRT-19R1	PRT-19R1^1-R	11-Aug-04	0	0.5	Radium-228	0.193	pCi/g	-	480746.1608	1346697.382
PRT-19R1	PRT-19R1^1-R	11-Aug-04	0	0.5	Thorium-228	0.186	pCi/g	J	480746.1608	1346697.382

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-19R1	PRT-19R1^1-R	11-Aug-04	0	0.5	Thorium-230	1.56	pCi/g	J	480746.1608	1346697.382
PRT-19R1	PRT-19R1^1-R	11-Aug-04	0	0.5	Thorium-232	0.193	pCi/g	-	480746.1608	1346697.382
PRT-19R1	PRT-19R1^1-R	11-Aug-04	0	0.5	Uranium, Total	1.27	mg/kg	U	480746.1608	1346697.382
PRT-19R2	PRT-19R2^1-R	11-Aug-04	0	0.5	Radium-226	0.753	pCi/g	-	480751.3533	1346707.079
PRT-19R2	PRT-19R2^1-R	11-Aug-04	0	0.5	Radium-228	0.643	pCi/g	-	480751.3533	1346707.079
PRT-19R2	PRT-19R2^1-R	11-Aug-04	0	0.5	Thorium-228	0.67	pCi/g	J	480751.3533	1346707.079
PRT-19R2	PRT-19R2^1-R	11-Aug-04	0	0.5	Thorium-230	1.95	pCi/g	J	480751.3533	1346707.079
PRT-19R2	PRT-19R2^1-R	11-Aug-04	0	0.5	Thorium-232	0.643	pCi/g	-	480751.3533	1346707.079
PRT-19R2	PRT-19R2^1-R	11-Aug-04	0	0.5	Uranium, Total	4.74	mg/kg	-	480751.3533	1346707.079
PRT-1L1	PRT-1L1^1-R	25-Aug-04	0	0.5	Radium-226	0.886	pCi/g	-	483985.95	1345724.65
PRT-1L1	PRT-1L1^1-R	25-Aug-04	0	0.5	Radium-228	0.742	pCi/g	-	483985.95	1345724.65
PRT-1L1	PRT-1L1^1-R	25-Aug-04	0	0.5	Thorium-228	0.831	pCi/g	-	483985.95	1345724.65
PRT-1L1	PRT-1L1^1-R	25-Aug-04	0	0.5	Thorium-230	3.49	pCi/g	J	483985.95	1345724.65
PRT-1L1	PRT-1L1^1-R	25-Aug-04	0	0.5	Thorium-232	0.742	pCi/g	-	483985.95	1345724.65
PRT-1L1	PRT-1L1^1-R	25-Aug-04	0	0.5	Uranium, Total	3.8	mg/kg	-	483985.95	1345724.65
PRT-1R1	PRT-1R1^1-R	25-Aug-04	0	0.5	Radium-226	0.701	pCi/g	-	483985.95	1345764.65
PRT-1R1	PRT-1R1^1-R	25-Aug-04	0	0.5	Radium-228	0.569	pCi/g	-	483985.95	1345764.65
PRT-1R1	PRT-1R1^1-R	25-Aug-04	0	0.5	Thorium-228	0.586	pCi/g	-	483985.95	1345764.65
PRT-1R1	PRT-1R1^1-R	25-Aug-04	0	0.5	Thorium-230	3.08	pCi/g	J	483985.95	1345764.65
PRT-1R1	PRT-1R1^1-R	25-Aug-04	0	0.5	Thorium-232	0.569	pCi/g	-	483985.95	1345764.65
PRT-1R1	PRT-1R1^1-R	25-Aug-04	0	0.5	Uranium, Total	2.75	mg/kg	J	483985.95	1345764.65
PRT-1R2	PRT-1R2^1-R	25-Aug-04	0	0.5	Radium-226	0.747	pCi/g	-	483985.95	1345774.65
PRT-1R2	PRT-1R2^1-R	25-Aug-04	0	0.5	Radium-228	0.703	pCi/g	-	483985.95	1345774.65
PRT-1R2	PRT-1R2^1-R	25-Aug-04	0	0.5	Thorium-228	0.703	pCi/g	-	483985.95	1345774.65
PRT-1R2	PRT-1R2^1-R	25-Aug-04	0	0.5	Thorium-230	1.47	pCi/g	J	483985.95	1345774.65
PRT-1R2	PRT-1R2^1-R	25-Aug-04	0	0.5	Thorium-232	0.703	pCi/g	-	483985.95	1345774.65
PRT-1R2	PRT-1R2^1-R	25-Aug-04	0	0.5	Uranium, Total	3.12	mg/kg	J	483985.95	1345774.65
PRT-2	PRT-2^1-L	30-Aug-04	0	0.5	1,1-Dichloroethene	1.1	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-L	30-Aug-04	0	0.5	Bromodichloromethane	1.1	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-L	30-Aug-04	0	0.5	Tetrachloroethene	1.1	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-L	30-Aug-04	0	0.5	Trichloroethene	1.1	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Fluoride	2.47	mg/kg	NV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Antimony	0.371	mg/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Arsenic	3.7	mg/kg	NV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Beryllium	0.619	mg/kg	NV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Cadmium	0.123	mg/kg	NV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Lead	7.77	mg/kg	NV	483340.67	1345892.82

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Manganese	632	mg/kg	NV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Molybdenum	1.21	mg/kg	NV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Silver	0.098	mg/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Aroclor-1254	3.7	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Aroclor-1260	3.7	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Dieldrin	1.49	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Cesium-137	0.0525	pCi/g	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Radium-226	0.918	pCi/g	NV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Radium-228	0.639	pCi/g	NV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Technetium-99	0.77	pCi/g	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Thorium-228	0.638	pCi/g	NV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Thorium-230	3.9	pCi/g	NV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Thorium-232	0.639	pCi/g	NV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Uranium, Total	3.29	mg/kg	NV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Benzo(a)anthracene	0.037	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Benzo(a)pyrene	0.037	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Benzo(b)fluoranthene	0.037	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.037	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Benzo(k)fluoranthene	0.037	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Chrysene	0.037	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.019	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Fluoranthene	0.037	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.037	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Phenanthrene	0.037	ug/kg	UNV	483340.67	1345892.82
PRT-2	PRT-2^1-RMPS	30-Aug-04	0	0.5	Pyrene	0.037	ug/kg	UNV	483340.67	1345892.82
PRT-20	PRT-20^1-L	11-Aug-04	0	0.5	1,1-Dichloroethene	1.11	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-L	11-Aug-04	0	0.5	Bromodichloromethane	1.11	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-L	11-Aug-04	0	0.5	Tetrachloroethene	1.11	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-L	11-Aug-04	0	0.5	Trichloroethene	1.11	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Fluoride	1.24	mg/kg	NV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Antimony	0.758	mg/kg	NV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Arsenic	4.28	mg/kg	NV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Beryllium	0.317	mg/kg	NV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Cadmium	0.0541	mg/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Lead	5.79	mg/kg	NV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Manganese	491	mg/kg	NV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Molybdenum	0.591	mg/kg	NV	480603.5959	1346743.327

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Silver	0.102	mg/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Aroclor-1254	3.77	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Aroclor-1260	3.77	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Dieldrin	1.51	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Cesium-137	0.0337	pCi/g	U	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Radium-226	0.554	pCi/g	-	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Radium-228	0.382	pCi/g	-	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Technetium-99	0.933	pCi/g	U	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Thorium-228	0.391	pCi/g	J	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Thorium-230	1.75	pCi/g	J	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Thorium-232	0.382	pCi/g	-	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Uranium, Total	2.22	mg/kg	J	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Benzo(a)anthracene	0.0377	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Benzo(a)pyrene	0.0377	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0377	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0377	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0377	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Chrysene	0.0377	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0189	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Fluoranthene	0.0377	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0377	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Phenanthrene	0.0377	ug/kg	UNV	480603.5959	1346743.327
PRT-20	PRT-20^1-RMPS	11-Aug-04	0	0.5	Pyrene	0.0377	ug/kg	UNV	480603.5959	1346743.327
PRT-20L1	PRT-20L1^1-R	11-Aug-04	0	0.5	Radium-226	0.541	pCi/g	-	480600.5255	1346723.565
PRT-20L1	PRT-20L1^1-R	11-Aug-04	0	0.5	Radium-228	0.287	pCi/g	-	480600.5255	1346723.565
PRT-20L1	PRT-20L1^1-R	11-Aug-04	0	0.5	Thorium-228	0.284	pCi/g	J	480600.5255	1346723.565
PRT-20L1	PRT-20L1^1-R	11-Aug-04	0	0.5	Thorium-230	1.11	pCi/g	J	480600.5255	1346723.565
PRT-20L1	PRT-20L1^1-R	11-Aug-04	0	0.5	Thorium-232	0.287	pCi/g	-	480600.5255	1346723.565
PRT-20L1	PRT-20L1^1-R	11-Aug-04	0	0.5	Uranium, Total	1.56	mg/kg	J	480600.5255	1346723.565
PRT-20L2	PRT-20L2^1-R	11-Aug-04	0	0.5	Radium-226	0.72	pCi/g	-	480598.8367	1346712.695
PRT-20L2	PRT-20L2^1-R	11-Aug-04	0	0.5	Radium-228	0.58	pCi/g	-	480598.8367	1346712.695
PRT-20L2	PRT-20L2^1-R	11-Aug-04	0	0.5	Thorium-228	0.593	pCi/g	J	480598.8367	1346712.695
PRT-20L2	PRT-20L2^1-R	11-Aug-04	0	0.5	Thorium-230	1.95	pCi/g	J	480598.8367	1346712.695
PRT-20L2	PRT-20L2^1-R	11-Aug-04	0	0.5	Thorium-232	0.58	pCi/g	-	480598.8367	1346712.695
PRT-20L2	PRT-20L2^1-R	11-Aug-04	0	0.5	Uranium, Total	3.61	mg/kg	J	480598.8367	1346712.695
PRT-20R1	PRT-20R1^1-R	11-Aug-04	0	0.5	Radium-226	0.729	pCi/g	-	480605.6685	1346756.667
PRT-20R1	PRT-20R1^1-R	11-Aug-04	0	0.5	Radium-228	0.475	pCi/g	-	480605.6685	1346756.667

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-20R1	PRT-20R1^1-R	11-Aug-04	0	0.5	Thorium-228	0.704	pCi/g	J	480605.6685	1346756.667
PRT-20R1	PRT-20R1^1-R	11-Aug-04	0	0.5	Thorium-230	1.05	pCi/g	J	480605.6685	1346756.667
PRT-20R1	PRT-20R1^1-R	11-Aug-04	0	0.5	Thorium-232	0.475	pCi/g	-	480605.6685	1346756.667
PRT-20R1	PRT-20R1^1-R	11-Aug-04	0	0.5	Uranium, Total	1.71	mg/kg	U	480605.6685	1346756.667
PRT-21	PRT-21^1-L	11-Aug-04	0	0.5	1,1-Dichloroethene	1.05	ug/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-L	11-Aug-04	0	0.5	Bromodichloromethane	1.05	ug/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-L	11-Aug-04	0	0.5	Tetrachloroethene	1.05	ug/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-L	11-Aug-04	0	0.5	Trichloroethene	1.05	ug/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Fluoride	0.865	mg/kg	NV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Antimony	0.364	mg/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Arsenic	4.44	mg/kg	NV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Beryllium	0.224	mg/kg	NV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Cadmium	0.0506	mg/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Lead	4.88	mg/kg	NV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Manganese	671	mg/kg	NV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Molybdenum	0.584	mg/kg	NV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Silver	0.0955	mg/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Aroclor-1254	3.54	ug/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Aroclor-1260	3.54	ug/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Dieldrin	1.42	ug/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Cesium-137	0.0378	pCi/g	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Radium-226	0.538	pCi/g	NV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Radium-228	0.265	pCi/g	NV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Technetium-99	0.677	pCi/g	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Thorium-228	0.273	pCi/g	NV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Thorium-230	0.84	pCi/g	NV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Thorium-232	0.265	pCi/g	NV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Uranium, Total	2.4	mg/kg	NV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Benzo(a)anthracene	0.0354	ug/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Benzo(a)pyrene	0.0354	ug/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0354	ug/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0354	ug/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0354	ug/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Chrysene	0.0354	ug/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0177	ug/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Fluoranthene	0.0354	ug/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0354	ug/kg	UNV	480513.65	1346732.21

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Phenanthrene	0.0354	ug/kg	UNV	480513.65	1346732.21
PRT-21	PRT-21^1-RMPS	11-Aug-04	0	0.5	Pyrene	0.0226	ug/kg	NV	480513.65	1346732.21
PRT-21L1	PRT-21L1^1-R	12-Aug-04	0	0.5	Radium-226	0.559	pCi/g	NV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^1-R	12-Aug-04	0	0.5	Radium-228	0.297	pCi/g	NV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^1-R	12-Aug-04	0	0.5	Thorium-228	0.32	pCi/g	NV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^1-R	12-Aug-04	0	0.5	Thorium-230	2.82	pCi/g	NV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^1-R	12-Aug-04	0	0.5	Thorium-232	0.297	pCi/g	NV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^1-R	12-Aug-04	0	0.5	Uranium, Total	2.64	mg/kg	NV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^2-R	12-Aug-04	0.5	1	Radium-226	0.438	pCi/g	NV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^2-R	12-Aug-04	0.5	1	Radium-228	0.22	pCi/g	NV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^2-R	12-Aug-04	0.5	1	Thorium-228	0.224	pCi/g	NV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^2-R	12-Aug-04	0.5	1	Thorium-230	1.7	pCi/g	NV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^2-R	12-Aug-04	0.5	1	Thorium-232	0.22	pCi/g	NV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^2-R	12-Aug-04	0.5	1	Uranium, Total	1.09	mg/kg	UNV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^3-R	12-Aug-04	1	1.5	Radium-226	0.719	pCi/g	NV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^3-R	12-Aug-04	1	1.5	Radium-228	0.294	pCi/g	NV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^3-R	12-Aug-04	1	1.5	Thorium-228	0.288	pCi/g	NV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^3-R	12-Aug-04	1	1.5	Thorium-230	2.31	pCi/g	NV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^3-R	12-Aug-04	1	1.5	Thorium-232	0.294	pCi/g	NV	480515.3447	1346727.506
PRT-21L1	PRT-21L1^3-R	12-Aug-04	1	1.5	Uranium, Total	4.7	mg/kg	NV	480515.3447	1346727.506
PRT-21L2	PRT-21L2^1-R	11-Aug-04	0	0.5	Radium-226	0.513	pCi/g	NV	480520.4286	1346713.394
PRT-21L2	PRT-21L2^1-R	11-Aug-04	0	0.5	Radium-228	0.318	pCi/g	NV	480520.4286	1346713.394
PRT-21L2	PRT-21L2^1-R	11-Aug-04	0	0.5	Thorium-228	0.33	pCi/g	NV	480520.4286	1346713.394
PRT-21L2	PRT-21L2^1-R	11-Aug-04	0	0.5	Thorium-230	1.18	pCi/g	NV	480520.4286	1346713.394
PRT-21L2	PRT-21L2^1-R	11-Aug-04	0	0.5	Thorium-232	0.318	pCi/g	NV	480520.4286	1346713.394
PRT-21L2	PRT-21L2^1-R	11-Aug-04	0	0.5	Uranium, Total	1.02	mg/kg	UNV	480520.4286	1346713.394
PRT-21L3	PRT-21L3^1-R	11-Aug-04	0	0.5	Radium-226	0.441	pCi/g	NV	480525.6821	1346698.811
PRT-21L3	PRT-21L3^1-R	11-Aug-04	0	0.5	Radium-228	0.285	pCi/g	NV	480525.6821	1346698.811
PRT-21L3	PRT-21L3^1-R	11-Aug-04	0	0.5	Thorium-228	0.29	pCi/g	NV	480525.6821	1346698.811
PRT-21L3	PRT-21L3^1-R	11-Aug-04	0	0.5	Thorium-230	1.15	pCi/g	NV	480525.6821	1346698.811
PRT-21L3	PRT-21L3^1-R	11-Aug-04	0	0.5	Thorium-232	0.285	pCi/g	NV	480525.6821	1346698.811
PRT-21L3	PRT-21L3^1-R	11-Aug-04	0	0.5	Uranium, Total	1.74	mg/kg	NV	480525.6821	1346698.811
PRT-21R1	PRT-21R1^1-R	11-Aug-04	0	0.5	Radium-226	0.807	pCi/g	NV	480510.7691	1346740.207
PRT-21R1	PRT-21R1^1-R	11-Aug-04	0	0.5	Radium-228	0.613	pCi/g	NV	480510.7691	1346740.207
PRT-21R1	PRT-21R1^1-R	11-Aug-04	0	0.5	Thorium-228	0.629	pCi/g	NV	480510.7691	1346740.207
PRT-21R1	PRT-21R1^1-R	11-Aug-04	0	0.5	Thorium-230	1.45	pCi/g	NV	480510.7691	1346740.207
PRT-21R1	PRT-21R1^1-R	11-Aug-04	0	0.5	Thorium-232	0.613	pCi/g	NV	480510.7691	1346740.207

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-21R1	PRT-21R1^1-R	11-Aug-04	0	0.5	Uranium, Total	4.13	mg/kg	NV	480510.7691	1346740.207
PRT-22	PRT-22^1-L	11-Aug-04	0	0.5	1,1-Dichloroethene	1.18	ug/kg	UNV	480276.4	1346588.51
PRT-22	PRT-22^1-L	11-Aug-04	0	0.5	Bromodichloromethane	1.18	ug/kg	UNV	480276.4	1346588.51
PRT-22	PRT-22^1-L	11-Aug-04	0	0.5	Tetrachloroethene	1.18	ug/kg	UNV	480276.4	1346588.51
PRT-22	PRT-22^1-L	11-Aug-04	0	0.5	Trichloroethene	1.18	ug/kg	UNV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Fluoride	0.918	mg/kg	NV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Antimony	0.385	mg/kg	UNV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Arsenic	6.24	mg/kg	NV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Beryllium	0.342	mg/kg	NV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Cadmium	0.0536	mg/kg	UNV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Lead	9.06	mg/kg	NV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Manganese	651	mg/kg	NV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Molybdenum	0.627	mg/kg	NV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Silver	0.101	mg/kg	UNV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Aroclor-1254	3.77	ug/kg	UNV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Aroclor-1260	3.77	ug/kg	UNV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Dieldrin	1.51	ug/kg	UNV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Cesium-137	0.0357	pCi/g	U	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Radium-226	0.511	pCi/g	-	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Radium-228	0.335	pCi/g	-	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Technetium-99	0.679	pCi/g	U	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Thorium-228	0.334	pCi/g	J	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Thorium-230	1.19	pCi/g	J	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Thorium-232	0.335	pCi/g	-	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Uranium, Total	1.63	mg/kg	U	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Benzo(a)anthracene	0.0292	ug/kg	NV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Benzo(a)pyrene	0.0629	ug/kg	NV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0815	ug/kg	NV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0377	ug/kg	UNV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0377	ug/kg	UNV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Chrysene	0.0219	ug/kg	NV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0188	ug/kg	UNV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Fluoranthene	0.0414	ug/kg	NV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0377	ug/kg	UNV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Phenanthrene	0.0377	ug/kg	UNV	480276.4	1346588.51
PRT-22	PRT-22^1-RMPS	11-Aug-04	0	0.5	Pyrene	0.036	ug/kg	NV	480276.4	1346588.51
PRT-22L1	PRT-22L1^1-R	11-Aug-04	0	0.5	Radium-226	0.712	pCi/g	-	480298.37	1346584.51

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-22L1	PRT-22L1^1-R	11-Aug-04	0	0.5	Radium-228	0.547	pCi/g	-	480298.37	1346584.51
PRT-22L1	PRT-22L1^1-R	11-Aug-04	0	0.5	Thorium-228	0.563	pCi/g	J	480298.37	1346584.51
PRT-22L1	PRT-22L1^1-R	11-Aug-04	0	0.5	Thorium-230	1.3	pCi/g	J	480298.37	1346584.51
PRT-22L1	PRT-22L1^1-R	11-Aug-04	0	0.5	Thorium-232	0.547	pCi/g	-	480298.37	1346584.51
PRT-22L1	PRT-22L1^1-R	11-Aug-04	0	0.5	Uranium, Total	2.81	mg/kg	J	480298.37	1346584.51
PRT-22R1	PRT-22R1^1-R	11-Aug-04	0	0.5	Radium-226	0.553	pCi/g	-	480298.445	1346594.51
PRT-22R1	PRT-22R1^1-R	11-Aug-04	0	0.5	Radium-228	0.324	pCi/g	-	480298.445	1346594.51
PRT-22R1	PRT-22R1^1-R	11-Aug-04	0	0.5	Thorium-228	0.315	pCi/g	J	480298.445	1346594.51
PRT-22R1	PRT-22R1^1-R	11-Aug-04	0	0.5	Thorium-230	0.979	pCi/g	J	480298.445	1346594.51
PRT-22R1	PRT-22R1^1-R	11-Aug-04	0	0.5	Thorium-232	0.324	pCi/g	-	480298.445	1346594.51
PRT-22R1	PRT-22R1^1-R	11-Aug-04	0	0.5	Uranium, Total	1.46	mg/kg	J	480298.445	1346594.51
PRT-22R1	PRT-22R1^2-R	11-Aug-04	0	0.5	Radium-226	0.45	pCi/g	-	480298.445	1346594.51
PRT-22R1	PRT-22R1^2-R	11-Aug-04	0	0.5	Radium-228	0.243	pCi/g	-	480298.445	1346594.51
PRT-22R1	PRT-22R1^2-R	11-Aug-04	0	0.5	Thorium-228	0.252	pCi/g	J	480298.445	1346594.51
PRT-22R1	PRT-22R1^2-R	11-Aug-04	0	0.5	Thorium-230	1.49	pCi/g	J	480298.445	1346594.51
PRT-22R1	PRT-22R1^2-R	11-Aug-04	0	0.5	Thorium-232	0.243	pCi/g	-	480298.445	1346594.51
PRT-22R1	PRT-22R1^2-R	11-Aug-04	0	0.5	Uranium, Total	2.53	mg/kg	-	480298.445	1346594.51
PRT-22R1	PRT-22R1^3-R	11-Aug-04	0	0.5	Radium-226	0.375	pCi/g	-	480298.445	1346594.51
PRT-22R1	PRT-22R1^3-R	11-Aug-04	0	0.5	Radium-228	0.23	pCi/g	-	480298.445	1346594.51
PRT-22R1	PRT-22R1^3-R	11-Aug-04	0	0.5	Thorium-228	0.233	pCi/g	J	480298.445	1346594.51
PRT-22R1	PRT-22R1^3-R	11-Aug-04	0	0.5	Thorium-230	1.3	pCi/g	J	480298.445	1346594.51
PRT-22R1	PRT-22R1^3-R	11-Aug-04	0	0.5	Thorium-232	0.23	pCi/g	-	480298.445	1346594.51
PRT-22R1	PRT-22R1^3-R	11-Aug-04	0	0.5	Uranium, Total	1.09	mg/kg	J	480298.445	1346594.51
PRT-22R2	PRT-22R2^1-R	11-Aug-04	0	0.5	Radium-226	0.52	pCi/g	-	480298.55	1346608.509
PRT-22R2	PRT-22R2^1-R	11-Aug-04	0	0.5	Radium-228	0.292	pCi/g	-	480298.55	1346608.509
PRT-22R2	PRT-22R2^1-R	11-Aug-04	0	0.5	Thorium-228	0.287	pCi/g	J	480298.55	1346608.509
PRT-22R2	PRT-22R2^1-R	11-Aug-04	0	0.5	Thorium-230	1.64	pCi/g	J	480298.55	1346608.509
PRT-22R2	PRT-22R2^1-R	11-Aug-04	0	0.5	Thorium-232	0.292	pCi/g	-	480298.55	1346608.509
PRT-22R2	PRT-22R2^1-R	11-Aug-04	0	0.5	Uranium, Total	2.43	mg/kg	J	480298.55	1346608.509
PRT-22R3	PRT-22R3^1-R	11-Aug-04	0	0.5	Radium-226	1.43	pCi/g	-	480298.7	1346628.509
PRT-22R3	PRT-22R3^1-R	11-Aug-04	0	0.5	Radium-228	0.323	pCi/g	-	480298.7	1346628.509
PRT-22R3	PRT-22R3^1-R	11-Aug-04	0	0.5	Thorium-228	0.337	pCi/g	J	480298.7	1346628.509
PRT-22R3	PRT-22R3^1-R	11-Aug-04	0	0.5	Thorium-230	1.31	pCi/g	J	480298.7	1346628.509
PRT-22R3	PRT-22R3^1-R	11-Aug-04	0	0.5	Thorium-232	0.323	pCi/g	-	480298.7	1346628.509
PRT-22R3	PRT-22R3^1-R	11-Aug-04	0	0.5	Uranium, Total	1.39	mg/kg	U	480298.7	1346628.509
PRT-22R4	PRT-22R4^1-R	11-Aug-04	0	0.5	Radium-226	5.75	pCi/g	-	480298.82	1346644.508
PRT-22R4	PRT-22R4^1-R	11-Aug-04	0	0.5	Radium-228	0.566	pCi/g	-	480298.82	1346644.508

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-22R4	PRT-22R4^1-R	11-Aug-04	0	0.5	Thorium-228	0.548	pCi/g	J	480298.82	1346644.508
PRT-22R4	PRT-22R4^1-R	11-Aug-04	0	0.5	Thorium-230	1.65	pCi/g	J	480298.82	1346644.508
PRT-22R4	PRT-22R4^1-R	11-Aug-04	0	0.5	Thorium-232	0.566	pCi/g	-	480298.82	1346644.508
PRT-22R4	PRT-22R4^1-R	11-Aug-04	0	0.5	Uranium, Total	2.72	mg/kg	J	480298.82	1346644.508
PRT-23	PRT-23^1-L	16-Aug-04	0	0.5	1,1-Dichloroethene	2.18	ug/kg	UNV	479581.064	1346410
PRT-23	PRT-23^1-L	16-Aug-04	0	0.5	Bromodichloromethane	2.18	ug/kg	UNV	479581.064	1346410
PRT-23	PRT-23^1-L	16-Aug-04	0	0.5	Tetrachloroethene	2.18	ug/kg	UNV	479581.064	1346410
PRT-23	PRT-23^1-L	16-Aug-04	0	0.5	Trichloroethene	2.18	ug/kg	UNV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Fluoride	2.94	mg/kg	NV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Antimony	0.578	mg/kg	UNV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Arsenic	7.05	mg/kg	NV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Beryllium	0.691	mg/kg	NV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Cadmium	0.2	mg/kg	NV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Lead	12.8	mg/kg	NV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Manganese	731	mg/kg	NV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Molybdenum	1.11	mg/kg	NV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Silver	0.152	mg/kg	UNV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Aroclor-1254	17	ug/kg	UNV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Aroclor-1260	17	ug/kg	UNV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Dieldrin	2.27	ug/kg	UNV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Cesium-137	0.0384	pCi/g	U	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Radium-226	0.726	pCi/g	-	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Radium-228	0.526	pCi/g	-	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Technetium-99	0.8	pCi/g	U	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Thorium-228	0.541	pCi/g	-	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Thorium-230	1.75	pCi/g	J	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Thorium-232	0.526	pCi/g	-	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Uranium, Total	4.39	mg/kg	-	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Benzo(a)anthracene	0.0567	ug/kg	UNV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Benzo(a)pyrene	0.0567	ug/kg	UNV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Benzo(b)fluoranthene	0.038	ug/kg	NV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0567	ug/kg	UNV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0567	ug/kg	UNV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Chrysene	0.0567	ug/kg	UNV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0283	ug/kg	UNV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Fluoranthene	0.0372	ug/kg	NV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0567	ug/kg	UNV	479581.064	1346410

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Phenanthrene	0.0567	ug/kg	UNV	479581.064	1346410
PRT-23	PRT-23^1-RMPS	16-Aug-04	0	0.5	Pyrene	0.0289	ug/kg	NV	479581.064	1346410
PRT-23L1	PRT-23L1^1-R	16-Aug-04	0	0.5	Radium-226	0.917	pCi/g	-	479581.04	1346404
PRT-23L1	PRT-23L1^1-R	16-Aug-04	0	0.5	Radium-228	0.583	pCi/g	-	479581.04	1346404
PRT-23L1	PRT-23L1^1-R	16-Aug-04	0	0.5	Thorium-228	0.605	pCi/g	-	479581.04	1346404
PRT-23L1	PRT-23L1^1-R	16-Aug-04	0	0.5	Thorium-230	3.94	pCi/g	J	479581.04	1346404
PRT-23L1	PRT-23L1^1-R	16-Aug-04	0	0.5	Thorium-232	0.583	pCi/g	-	479581.04	1346404
PRT-23L1	PRT-23L1^1-R	16-Aug-04	0	0.5	Uranium, Total	3.4	mg/kg	-	479581.04	1346404
PRT-23R1	PRT-23R1^1-R	16-Aug-04	0	0.5	Radium-226	0.627	pCi/g	-	479581.144	1346430
PRT-23R1	PRT-23R1^1-R	16-Aug-04	0	0.5	Radium-228	0.449	pCi/g	-	479581.144	1346430
PRT-23R1	PRT-23R1^1-R	16-Aug-04	0	0.5	Thorium-228	0.44	pCi/g	-	479581.144	1346430
PRT-23R1	PRT-23R1^1-R	16-Aug-04	0	0.5	Thorium-230	2.79	pCi/g	J	479581.144	1346430
PRT-23R1	PRT-23R1^1-R	16-Aug-04	0	0.5	Thorium-232	0.449	pCi/g	-	479581.144	1346430
PRT-23R1	PRT-23R1^1-R	16-Aug-04	0	0.5	Uranium, Total	2.31	mg/kg	J	479581.144	1346430
PRT-23R2	PRT-23R2^1-R	16-Aug-04	0	0.5	Radium-226	0.8	pCi/g	-	479581.168	1346436
PRT-23R2	PRT-23R2^1-R	16-Aug-04	0	0.5	Radium-228	0.574	pCi/g	-	479581.168	1346436
PRT-23R2	PRT-23R2^1-R	16-Aug-04	0	0.5	Thorium-228	0.591	pCi/g	-	479581.168	1346436
PRT-23R2	PRT-23R2^1-R	16-Aug-04	0	0.5	Thorium-230	1.9	pCi/g	J	479581.168	1346436
PRT-23R2	PRT-23R2^1-R	16-Aug-04	0	0.5	Thorium-232	0.574	pCi/g	-	479581.168	1346436
PRT-23R2	PRT-23R2^1-R	16-Aug-04	0	0.5	Uranium, Total	2.14	mg/kg	J	479581.168	1346436
PRT-24	PRT-24^1-L	16-Aug-04	0	0.5	1,1-Dichloroethene	1.02	ug/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-L	16-Aug-04	0	0.5	Bromodichloromethane	1.02	ug/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-L	16-Aug-04	0	0.5	Tetrachloroethene	1.02	ug/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-L	16-Aug-04	0	0.5	Trichloroethene	1.02	ug/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Fluoride	0.564	mg/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Antimony	0.35	mg/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Arsenic	3.49	mg/kg	NV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Beryllium	0.232	mg/kg	NV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Cadmium	0.137	mg/kg	NV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Lead	4.19	mg/kg	NV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Manganese	754	mg/kg	NV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Molybdenum	0.604	mg/kg	NV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Silver	0.092	mg/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Aroclor-1254	3.43	ug/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Aroclor-1260	3.43	ug/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Dieldrin	1.37	ug/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Cesium-137	0.0263	pCi/g	U	479151.194	1346643.066

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Radium-226	0.437	pCi/g	-	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Radium-228	0.218	pCi/g	-	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Technetium-99	0.764	pCi/g	U	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Thorium-228	0.215	pCi/g	-	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Thorium-230	0.914	pCi/g	J	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Thorium-232	0.218	pCi/g	-	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Uranium, Total	2.32	mg/kg	J	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Benzo(a)anthracene	0.0343	ug/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Benzo(a)pyrene	0.0343	ug/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0343	ug/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0343	ug/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0343	ug/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Chrysene	0.0343	ug/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0171	ug/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Fluoranthene	0.0205	ug/kg	NV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0343	ug/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Phenanthrene	0.0343	ug/kg	UNV	479151.194	1346643.066
PRT-24	PRT-24^1-RMPS	16-Aug-04	0	0.5	Pyrene	0.0719	ug/kg	NV	479151.194	1346643.066
PRT-24L1	PRT-24L1^1-R	16-Aug-04	0	0.5	Radium-226	1.19	pCi/g	-	479145.3585	1346634.945
PRT-24L1	PRT-24L1^1-R	16-Aug-04	0	0.5	Radium-228	0.85	pCi/g	-	479145.3585	1346634.945
PRT-24L1	PRT-24L1^1-R	16-Aug-04	0	0.5	Thorium-228	0.929	pCi/g	-	479145.3585	1346634.945
PRT-24L1	PRT-24L1^1-R	16-Aug-04	0	0.5	Thorium-230	3.3	pCi/g	J	479145.3585	1346634.945
PRT-24L1	PRT-24L1^1-R	16-Aug-04	0	0.5	Thorium-232	0.85	pCi/g	-	479145.3585	1346634.945
PRT-24L1	PRT-24L1^1-R	16-Aug-04	0	0.5	Uranium, Total	4.48	mg/kg	-	479145.3585	1346634.945
PRT-24R1	PRT-24R1^1-R	16-Aug-04	0	0.5	Radium-226	0.821	pCi/g	-	479162.8651	1346659.307
PRT-24R1	PRT-24R1^1-R	16-Aug-04	0	0.5	Radium-228	0.532	pCi/g	-	479162.8651	1346659.307
PRT-24R1	PRT-24R1^1-R	16-Aug-04	0	0.5	Thorium-228	0.544	pCi/g	-	479162.8651	1346659.307
PRT-24R1	PRT-24R1^1-R	16-Aug-04	0	0.5	Thorium-230	3.36	pCi/g	J	479162.8651	1346659.307
PRT-24R1	PRT-24R1^1-R	16-Aug-04	0	0.5	Thorium-232	0.532	pCi/g	-	479162.8651	1346659.307
PRT-24R1	PRT-24R1^1-R	16-Aug-04	0	0.5	Uranium, Total	1.76	mg/kg	J	479162.8651	1346659.307
PRT-25	PRT-25^1-L	19-Aug-04	0	0.5	1,1-Dichloroethene	1	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-L	19-Aug-04	0	0.5	Bromodichloromethane	1	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-L	19-Aug-04	0	0.5	Tetrachloroethene	1	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-L	19-Aug-04	0	0.5	Trichloroethene	1	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Fluoride	1.04	mg/kg	J	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Antimony	1.2	mg/kg	-	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Arsenic	5.9	mg/kg	-	478343.11	1346552.92

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Beryllium	0.37	mg/kg	-	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Cadmium	0.099	mg/kg	J	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Lead	8.4	mg/kg	J	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Manganese	774	mg/kg	-	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Molybdenum	1.1	mg/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Silver	0.127	mg/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Aroclor-1254	0.0048	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Aroclor-1260	0.0048	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Dieldrin	1.94	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Cesium-137	0.0223	pCi/g	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Radium-226	0.557	pCi/g	-	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Radium-228	0.293	pCi/g	-	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Technetium-99	0.535	pCi/g	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Thorium-228	0.301	pCi/g	-	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Thorium-230	3.09	pCi/g	J	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Thorium-232	0.293	pCi/g	-	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Uranium, Total	1.42	mg/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Benzo(a)anthracene	0.048	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Benzo(a)pyrene	0.048	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Benzo(b)fluoranthene	0.048	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.048	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Benzo(k)fluoranthene	0.048	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Chrysene	0.048	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.024	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Fluoranthene	0.048	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.048	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Phenanthrene	0.048	ug/kg	U	478343.11	1346552.92
PRT-25	PRT-25^1-RMPS	19-Aug-04	0	0.5	Pyrene	0.048	ug/kg	U	478343.11	1346552.92
PRT-25L1	PRT-25L1^1-R	19-Aug-04	0	0.5	Radium-226	1.21	pCi/g	-	478343.11	1346537.92
PRT-25L1	PRT-25L1^1-R	19-Aug-04	0	0.5	Radium-228	0.719	pCi/g	-	478343.11	1346537.92
PRT-25L1	PRT-25L1^1-R	19-Aug-04	0	0.5	Thorium-228	0.719	pCi/g	-	478343.11	1346537.92
PRT-25L1	PRT-25L1^1-R	19-Aug-04	0	0.5	Thorium-230	4.38	pCi/g	J	478343.11	1346537.92
PRT-25L1	PRT-25L1^1-R	19-Aug-04	0	0.5	Thorium-232	0.719	pCi/g	-	478343.11	1346537.92
PRT-25L1	PRT-25L1^1-R	19-Aug-04	0	0.5	Uranium, Total	4.72	mg/kg	J	478343.11	1346537.92
PRT-25R1	PRT-25R1^1-R	19-Aug-04	0	0.5	Radium-226	0.522	pCi/g	-	478343.11	1346572.92
PRT-25R1	PRT-25R1^1-R	19-Aug-04	0	0.5	Radium-228	0.37	pCi/g	-	478343.11	1346572.92
PRT-25R1	PRT-25R1^1-R	19-Aug-04	0	0.5	Thorium-228	0.378	pCi/g	-	478343.11	1346572.92

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-25R1	PRT-25R1^1-R	19-Aug-04	0	0.5	Thorium-230	3.26	pCi/g	J	478343.11	1346572.92
PRT-25R1	PRT-25R1^1-R	19-Aug-04	0	0.5	Thorium-232	0.37	pCi/g	-	478343.11	1346572.92
PRT-25R1	PRT-25R1^1-R	19-Aug-04	0	0.5	Uranium, Total	1.32	mg/kg	J	478343.11	1346572.92
PRT-25R2	PRT-25R2^1-R	19-Aug-04	0	0.5	Radium-226	0.714	pCi/g	-	478343.11	1346583.92
PRT-25R2	PRT-25R2^1-R	19-Aug-04	0	0.5	Radium-228	0.817	pCi/g	-	478343.11	1346583.92
PRT-25R2	PRT-25R2^1-R	19-Aug-04	0	0.5	Thorium-228	0.816	pCi/g	-	478343.11	1346583.92
PRT-25R2	PRT-25R2^1-R	19-Aug-04	0	0.5	Thorium-230	1.83	pCi/g	J	478343.11	1346583.92
PRT-25R2	PRT-25R2^1-R	19-Aug-04	0	0.5	Thorium-232	0.817	pCi/g	-	478343.11	1346583.92
PRT-25R2	PRT-25R2^1-R	19-Aug-04	0	0.5	Uranium, Total	5.25	mg/kg	J	478343.11	1346583.92
PRT-26	PRT-26^1-L	19-Aug-04	0	0.5	1,1-Dichloroethene	1	ug/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-L	19-Aug-04	0	0.5	Bromodichloromethane	1	ug/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-L	19-Aug-04	0	0.5	Tetrachloroethene	1	ug/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-L	19-Aug-04	0	0.5	Trichloroethene	1	ug/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Fluoride	1.59	mg/kg	J	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Antimony	0.638	mg/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Arsenic	7.7	mg/kg	-	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Beryllium	0.52	mg/kg	-	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Cadmium	0.0888	mg/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Lead	12.1	mg/kg	J	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Manganese	811	mg/kg	-	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Molybdenum	1.9	mg/kg	-	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Silver	0.168	mg/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Aroclor-1254	0.0063	ug/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Aroclor-1260	0.0063	ug/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Dieldrin	0.653	ug/kg	J	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Cesium-137	0.0298	pCi/g	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Radium-226	0.632	pCi/g	-	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Radium-228	0.281	pCi/g	-	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Technetium-99	0.553	pCi/g	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Thorium-228	0.286	pCi/g	-	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Thorium-230	1.87	pCi/g	J	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Thorium-232	0.281	pCi/g	-	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Uranium, Total	2.2	mg/kg	J	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Benzo(a)anthracene	0.063	ug/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Benzo(a)pyrene	0.063	ug/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Benzo(b)fluoranthene	0.063	ug/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.063	ug/kg	U	478251.0737	1346972.404

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Benzo(k)fluoranthene	0.063	ug/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Chrysene	0.063	ug/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.032	ug/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Fluoranthene	0.063	ug/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.063	ug/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Phenanthrene	0.063	ug/kg	U	478251.0737	1346972.404
PRT-26	PRT-26^1-RMPS	19-Aug-04	0	0.5	Pyrene	0.063	ug/kg	U	478251.0737	1346972.404
PRT-26L1	PRT-26L1^1-R	19-Aug-04	0	0.5	Radium-226	0.528	pCi/g	-	478239.2441	1346974.419
PRT-26L1	PRT-26L1^1-R	19-Aug-04	0	0.5	Radium-228	0.391	pCi/g	-	478239.2441	1346974.419
PRT-26L1	PRT-26L1^1-R	19-Aug-04	0	0.5	Thorium-228	0.388	pCi/g	-	478239.2441	1346974.419
PRT-26L1	PRT-26L1^1-R	19-Aug-04	0	0.5	Thorium-230	2.33	pCi/g	J	478239.2441	1346974.419
PRT-26L1	PRT-26L1^1-R	19-Aug-04	0	0.5	Thorium-232	0.391	pCi/g	-	478239.2441	1346974.419
PRT-26L1	PRT-26L1^1-R	19-Aug-04	0	0.5	Uranium, Total	1.51	mg/kg	J	478239.2441	1346974.419
PRT-26R1	PRT-26R1^1-R	19-Aug-04	0	0.5	Radium-226	0.597	pCi/g	-	478262.9032	1346970.388
PRT-26R1	PRT-26R1^1-R	19-Aug-04	0	0.5	Radium-228	0.423	pCi/g	-	478262.9032	1346970.388
PRT-26R1	PRT-26R1^1-R	19-Aug-04	0	0.5	Thorium-228	0.435	pCi/g	-	478262.9032	1346970.388
PRT-26R1	PRT-26R1^1-R	19-Aug-04	0	0.5	Thorium-230	1.7	pCi/g	J	478262.9032	1346970.388
PRT-26R1	PRT-26R1^1-R	19-Aug-04	0	0.5	Thorium-232	0.423	pCi/g	-	478262.9032	1346970.388
PRT-26R1	PRT-26R1^1-R	19-Aug-04	0	0.5	Uranium, Total	2.27	mg/kg	J	478262.9032	1346970.388
PRT-26R1	PRT-26R1^2-R	19-Aug-04	0.5	1	Radium-226	0.694	pCi/g	-	478262.9032	1346970.388
PRT-26R1	PRT-26R1^2-R	19-Aug-04	0.5	1	Radium-228	0.496	pCi/g	-	478262.9032	1346970.388
PRT-26R1	PRT-26R1^2-R	19-Aug-04	0.5	1	Thorium-228	0.508	pCi/g	-	478262.9032	1346970.388
PRT-26R1	PRT-26R1^2-R	19-Aug-04	0.5	1	Thorium-230	3.29	pCi/g	J	478262.9032	1346970.388
PRT-26R1	PRT-26R1^2-R	19-Aug-04	0.5	1	Thorium-232	0.496	pCi/g	-	478262.9032	1346970.388
PRT-26R1	PRT-26R1^2-R	19-Aug-04	0.5	1	Uranium, Total	4.15	mg/kg	J	478262.9032	1346970.388
PRT-26R1	PRT-26R1^3-R	19-Aug-04	1	1.5	Radium-226	0.995	pCi/g	-	478262.9032	1346970.388
PRT-26R1	PRT-26R1^3-R	19-Aug-04	1	1.5	Radium-228	0.588	pCi/g	-	478262.9032	1346970.388
PRT-26R1	PRT-26R1^3-R	19-Aug-04	1	1.5	Thorium-228	0.628	pCi/g	-	478262.9032	1346970.388
PRT-26R1	PRT-26R1^3-R	19-Aug-04	1	1.5	Thorium-230	3.37	pCi/g	J	478262.9032	1346970.388
PRT-26R1	PRT-26R1^3-R	19-Aug-04	1	1.5	Thorium-232	0.588	pCi/g	-	478262.9032	1346970.388
PRT-26R1	PRT-26R1^3-R	19-Aug-04	1	1.5	Uranium, Total	5.18	mg/kg	J	478262.9032	1346970.388
PRT-26R2	PRT-26R2^1-R	19-Aug-04	0	0.5	Radium-226	1.24	pCi/g	-	478267.8321	1346969.548
PRT-26R2	PRT-26R2^1-R	19-Aug-04	0	0.5	Radium-228	0.751	pCi/g	-	478267.8321	1346969.548
PRT-26R2	PRT-26R2^1-R	19-Aug-04	0	0.5	Thorium-228	0.747	pCi/g	-	478267.8321	1346969.548
PRT-26R2	PRT-26R2^1-R	19-Aug-04	0	0.5	Thorium-230	1.56	pCi/g	J	478267.8321	1346969.548
PRT-26R2	PRT-26R2^1-R	19-Aug-04	0	0.5	Thorium-232	0.751	pCi/g	-	478267.8321	1346969.548
PRT-26R2	PRT-26R2^1-R	19-Aug-04	0	0.5	Uranium, Total	5.25	mg/kg	J	478267.8321	1346969.548

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-27	PRT-27^1-L	23-Aug-04	0	0.5	1,1-Dichloroethene	1	ug/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-L	23-Aug-04	0	0.5	Bromodichloromethane	1	ug/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-L	23-Aug-04	0	0.5	Tetrachloroethene	1	ug/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-L	23-Aug-04	0	0.5	Trichloroethene	1	ug/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Fluoride	0.945	mg/kg	J	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Antimony	0.92	mg/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Arsenic	3.2	mg/kg	-	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Beryllium	0.2	mg/kg	-	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Cadmium	0.1	mg/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Lead	4.4	mg/kg	J	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Manganese	374	mg/kg	-	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Molybdenum	0.87	mg/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Silver	0.0905	mg/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Aroclor-1254	0.0034	ug/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Aroclor-1260	0.0034	ug/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Dieldrin	1.37	ug/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Cesium-137	0.0278	pCi/g	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Radium-226	0.493	pCi/g	-	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Radium-228	0.271	pCi/g	-	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Technetium-99	0.438	pCi/g	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Thorium-228	0.276	pCi/g	-	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Thorium-230	1.99	pCi/g	J	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Thorium-232	0.271	pCi/g	-	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Uranium, Total	2.06	mg/kg	-	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Benzo(a)anthracene	0.034	ug/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Benzo(a)pyrene	0.034	ug/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Benzo(b)fluoranthene	0.034	ug/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.034	ug/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Benzo(k)fluoranthene	0.034	ug/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Chrysene	0.034	ug/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.017	ug/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Fluoranthene	0.025	ug/kg	J	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.034	ug/kg	U	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Phenanthrene	0.019	ug/kg	J	477836.23	1347364.9
PRT-27	PRT-27^1-RMPS	23-Aug-04	0	0.5	Pyrene	0.034	ug/kg	U	477836.23	1347364.9
PRT-27L1	PRT-27L1^1-R	23-Aug-04	0	0.5	Radium-226	0.619	pCi/g	-	477840.5294	1347352.103
PRT-27L1	PRT-27L1^1-R	23-Aug-04	0	0.5	Radium-228	0.442	pCi/g	-	477840.5294	1347352.103

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-27L1	PRT-27L1^1-R	23-Aug-04	0	0.5	Thorium-228	0.442	pCi/g	-	477840.5294	1347352.103
PRT-27L1	PRT-27L1^1-R	23-Aug-04	0	0.5	Thorium-230	2.11	pCi/g	J	477840.5294	1347352.103
PRT-27L1	PRT-27L1^1-R	23-Aug-04	0	0.5	Thorium-232	0.442	pCi/g	-	477840.5294	1347352.103
PRT-27L1	PRT-27L1^1-R	23-Aug-04	0	0.5	Uranium, Total	2.37	mg/kg	-	477840.5294	1347352.103
PRT-27L2	PRT-27L2^1-R	23-Aug-04	0	0.5	Radium-226	1.07	pCi/g	-	477841.8033	1347348.311
PRT-27L2	PRT-27L2^1-R	23-Aug-04	0	0.5	Radium-228	0.623	pCi/g	-	477841.8033	1347348.311
PRT-27L2	PRT-27L2^1-R	23-Aug-04	0	0.5	Thorium-228	0.625	pCi/g	-	477841.8033	1347348.311
PRT-27L2	PRT-27L2^1-R	23-Aug-04	0	0.5	Thorium-230	2.13	pCi/g	J	477841.8033	1347348.311
PRT-27L2	PRT-27L2^1-R	23-Aug-04	0	0.5	Thorium-232	0.623	pCi/g	-	477841.8033	1347348.311
PRT-27L2	PRT-27L2^1-R	23-Aug-04	0	0.5	Uranium, Total	3.36	mg/kg	-	477841.8033	1347348.311
PRT-27R1	PRT-27R1^1-L	23-Aug-04	0	0.5	1,1-Dichloroethene	1	ug/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-L	23-Aug-04	0	0.5	Bromodichloromethane	1	ug/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-L	23-Aug-04	0	0.5	Tetrachloroethene	1	ug/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-L	23-Aug-04	0	0.5	Trichloroethene	1	ug/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Fluoride	0.892	mg/kg	J	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Antimony	0.66	mg/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Arsenic	3.3	mg/kg	-	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Beryllium	0.17	mg/kg	-	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Cadmium	0.099	mg/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Lead	4	mg/kg	J	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Manganese	274	mg/kg	-	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Molybdenum	1.1	mg/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Silver	0.0957	mg/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Aroclor-1254	0.0036	ug/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Aroclor-1260	0.0036	ug/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Dieldrin	1.44	ug/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Cesium-137	0.0189	pCi/g	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Radium-226	0.396	pCi/g	-	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Radium-228	0.265	pCi/g	-	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Technetium-99	0.458	pCi/g	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Thorium-228	0.278	pCi/g	-	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Thorium-230	1.1	pCi/g	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Thorium-232	0.265	pCi/g	-	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Uranium, Total	1.19	mg/kg	-	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Benzo(a)anthracene	0.036	ug/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Benzo(a)pyrene	0.036	ug/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Benzo(b)fluoranthene	0.036	ug/kg	U	477834.4784	1347370.114

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.036	ug/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Benzo(k)fluoranthene	0.036	ug/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Chrysene	0.036	ug/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.018	ug/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Fluoranthene	0.036	ug/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.036	ug/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Phenanthrene	0.036	ug/kg	U	477834.4784	1347370.114
PRT-27R1	PRT-27R1^1-RMPS	23-Aug-04	0	0.5	Pyrene	0.036	ug/kg	U	477834.4784	1347370.114
PRT-27R2	PRT-27R2^1-R	23-Aug-04	0	0.5	Radium-226	0.782	pCi/g	-	477832.4083	1347376.275
PRT-27R2	PRT-27R2^1-R	23-Aug-04	0	0.5	Radium-228	0.586	pCi/g	-	477832.4083	1347376.275
PRT-27R2	PRT-27R2^1-R	23-Aug-04	0	0.5	Thorium-228	0.595	pCi/g	-	477832.4083	1347376.275
PRT-27R2	PRT-27R2^1-R	23-Aug-04	0	0.5	Thorium-230	2.34	pCi/g	J	477832.4083	1347376.275
PRT-27R2	PRT-27R2^1-R	23-Aug-04	0	0.5	Thorium-232	0.586	pCi/g	-	477832.4083	1347376.275
PRT-27R2	PRT-27R2^1-R	23-Aug-04	0	0.5	Uranium, Total	2.71	mg/kg	-	477832.4083	1347376.275
PRT-27R3	PRT-27R3^1-R	23-Aug-04	0	0.5	Radium-226	0.661	pCi/g	-	477830.9751	1347380.541
PRT-27R3	PRT-27R3^1-R	23-Aug-04	0	0.5	Radium-228	0.501	pCi/g	-	477830.9751	1347380.541
PRT-27R3	PRT-27R3^1-R	23-Aug-04	0	0.5	Thorium-228	0.503	pCi/g	-	477830.9751	1347380.541
PRT-27R3	PRT-27R3^1-R	23-Aug-04	0	0.5	Thorium-230	1.8	pCi/g	J	477830.9751	1347380.541
PRT-27R3	PRT-27R3^1-R	23-Aug-04	0	0.5	Thorium-232	0.501	pCi/g	-	477830.9751	1347380.541
PRT-27R3	PRT-27R3^1-R	23-Aug-04	0	0.5	Uranium, Total	4.36	mg/kg	-	477830.9751	1347380.541
PRT-28	PRT-28^1-L	23-Aug-04	0	0.5	1,1-Dichloroethene	1.2	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-L	23-Aug-04	0	0.5	Bromodichloromethane	1.2	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-L	23-Aug-04	0	0.5	Tetrachloroethene	1.2	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-L	23-Aug-04	0	0.5	Trichloroethene	1.2	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Fluoride	2.3	mg/kg	-	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Antimony	1	mg/kg	-	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Arsenic	12.7	mg/kg	-	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Beryllium	0.91	mg/kg	-	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Cadmium	0.0692	mg/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Lead	12.9	mg/kg	J	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Manganese	618	mg/kg	-	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Molybdenum	2	mg/kg	-	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Silver	0.131	mg/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Aroclor-1254	0.005	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Aroclor-1260	0.005	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Dieldrin	1.99	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Cesium-137	0.037	pCi/g	U	477185.38	1347369.49

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Radium-226	0.908	pCi/g	-	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Radium-228	0.611	pCi/g	-	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Technetium-99	0.693	pCi/g	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Thorium-228	0.631	pCi/g	-	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Thorium-230	2.58	pCi/g	J	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Thorium-232	0.611	pCi/g	-	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Uranium, Total	3.11	mg/kg	J	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Benzo(a)anthracene	0.05	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Benzo(a)pyrene	0.05	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Benzo(b)fluoranthene	0.05	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.05	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Benzo(k)fluoranthene	0.05	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Chrysene	0.05	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.025	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Fluoranthene	0.05	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.05	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Phenanthrene	0.05	ug/kg	U	477185.38	1347369.49
PRT-28	PRT-28^1-RMPS	23-Aug-04	0	0.5	Pyrene	0.05	ug/kg	U	477185.38	1347369.49
PRT-28L1	PRT-28L1^1-R	23-Aug-04	0	0.5	Radium-226	0.781	pCi/g	-	477166.8598	1347361.94
PRT-28L1	PRT-28L1^1-R	23-Aug-04	0	0.5	Radium-228	0.483	pCi/g	-	477166.8598	1347361.94
PRT-28L1	PRT-28L1^1-R	23-Aug-04	0	0.5	Thorium-228	0.723	pCi/g	-	477166.8598	1347361.94
PRT-28L1	PRT-28L1^1-R	23-Aug-04	0	0.5	Thorium-230	1.31	pCi/g	J	477166.8598	1347361.94
PRT-28L1	PRT-28L1^1-R	23-Aug-04	0	0.5	Thorium-232	0.483	pCi/g	-	477166.8598	1347361.94
PRT-28L1	PRT-28L1^1-R	23-Aug-04	0	0.5	Uranium, Total	3.62	mg/kg	J	477166.8598	1347361.94
PRT-28R1	PRT-28R1^1-R	23-Aug-04	0	0.5	Radium-226	0.795	pCi/g	-	477190.01	1347371.378
PRT-28R1	PRT-28R1^1-R	23-Aug-04	0	0.5	Radium-228	0.419	pCi/g	-	477190.01	1347371.378
PRT-28R1	PRT-28R1^1-R	23-Aug-04	0	0.5	Thorium-228	0.446	pCi/g	-	477190.01	1347371.378
PRT-28R1	PRT-28R1^1-R	23-Aug-04	0	0.5	Thorium-230	1.61	pCi/g	J	477190.01	1347371.378
PRT-28R1	PRT-28R1^1-R	23-Aug-04	0	0.5	Thorium-232	0.419	pCi/g	-	477190.01	1347371.378
PRT-28R1	PRT-28R1^1-R	23-Aug-04	0	0.5	Uranium, Total	4.05	mg/kg	J	477190.01	1347371.378
PRT-28R1	PRT-28R1^2-R	23-Aug-04	0.5	1	Radium-226	0.695	pCi/g	-	477190.01	1347371.378
PRT-28R1	PRT-28R1^2-R	23-Aug-04	0.5	1	Radium-228	0.308	pCi/g	-	477190.01	1347371.378
PRT-28R1	PRT-28R1^2-R	23-Aug-04	0.5	1	Thorium-228	0.296	pCi/g	-	477190.01	1347371.378
PRT-28R1	PRT-28R1^2-R	23-Aug-04	0.5	1	Thorium-230	2.39	pCi/g	J	477190.01	1347371.378
PRT-28R1	PRT-28R1^2-R	23-Aug-04	0.5	1	Thorium-232	0.308	pCi/g	-	477190.01	1347371.378
PRT-28R1	PRT-28R1^2-R	23-Aug-04	0.5	1	Uranium, Total	3.27	mg/kg	J	477190.01	1347371.378
PRT-28R1	PRT-28R1^3-R	23-Aug-04	1	1.5	Radium-226	0.708	pCi/g	-	477190.01	1347371.378

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-28R1	PRT-28R1^3-R	23-Aug-04	1	1.5	Radium-228	0.305	pCi/g	-	477190.01	1347371.378
PRT-28R1	PRT-28R1^3-R	23-Aug-04	1	1.5	Thorium-228	0.295	pCi/g	-	477190.01	1347371.378
PRT-28R1	PRT-28R1^3-R	23-Aug-04	1	1.5	Thorium-230	1.8	pCi/g	J	477190.01	1347371.378
PRT-28R1	PRT-28R1^3-R	23-Aug-04	1	1.5	Thorium-232	0.305	pCi/g	-	477190.01	1347371.378
PRT-28R1	PRT-28R1^3-R	23-Aug-04	1	1.5	Uranium, Total	1.85	mg/kg	J	477190.01	1347371.378
PRT-28R2	PRT-28R2^1-R	23-Aug-04	0	0.5	Radium-226	0.415	pCi/g	-	477203.9002	1347377.04
PRT-28R2	PRT-28R2^1-R	23-Aug-04	0	0.5	Radium-228	0.217	pCi/g	-	477203.9002	1347377.04
PRT-28R2	PRT-28R2^1-R	23-Aug-04	0	0.5	Thorium-228	0.223	pCi/g	-	477203.9002	1347377.04
PRT-28R2	PRT-28R2^1-R	23-Aug-04	0	0.5	Thorium-230	1.87	pCi/g	J	477203.9002	1347377.04
PRT-28R2	PRT-28R2^1-R	23-Aug-04	0	0.5	Thorium-232	0.217	pCi/g	-	477203.9002	1347377.04
PRT-28R2	PRT-28R2^1-R	23-Aug-04	0	0.5	Uranium, Total	1.22	mg/kg	U	477203.9002	1347377.04
PRT-28R3	PRT-28R3^1-R	23-Aug-04	0	0.5	Radium-226	0.577	pCi/g	-	477222.4203	1347384.59
PRT-28R3	PRT-28R3^1-R	23-Aug-04	0	0.5	Radium-228	0.299	pCi/g	-	477222.4203	1347384.59
PRT-28R3	PRT-28R3^1-R	23-Aug-04	0	0.5	Thorium-228	0.319	pCi/g	-	477222.4203	1347384.59
PRT-28R3	PRT-28R3^1-R	23-Aug-04	0	0.5	Thorium-230	1.78	pCi/g	J	477222.4203	1347384.59
PRT-28R3	PRT-28R3^1-R	23-Aug-04	0	0.5	Thorium-232	0.299	pCi/g	-	477222.4203	1347384.59
PRT-28R3	PRT-28R3^1-R	23-Aug-04	0	0.5	Uranium, Total	1.62	mg/kg	U	477222.4203	1347384.59
PRT-28R4	PRT-28R4^1-R	23-Aug-04	0	0.5	Radium-226	0.6	pCi/g	-	477237.2365	1347390.63
PRT-28R4	PRT-28R4^1-R	23-Aug-04	0	0.5	Radium-228	0.348	pCi/g	-	477237.2365	1347390.63
PRT-28R4	PRT-28R4^1-R	23-Aug-04	0	0.5	Thorium-228	0.362	pCi/g	-	477237.2365	1347390.63
PRT-28R4	PRT-28R4^1-R	23-Aug-04	0	0.5	Thorium-230	4.84	pCi/g	J	477237.2365	1347390.63
PRT-28R4	PRT-28R4^1-R	23-Aug-04	0	0.5	Thorium-232	0.348	pCi/g	-	477237.2365	1347390.63
PRT-28R4	PRT-28R4^1-R	23-Aug-04	0	0.5	Uranium, Total	1.79	mg/kg	U	477237.2365	1347390.63
PRT-29	PRT-29^1-L	23-Aug-04	0	0.5	1,1-Dichloroethene	1	ug/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-L	23-Aug-04	0	0.5	Bromodichloromethane	1	ug/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-L	23-Aug-04	0	0.5	Tetrachloroethene	1	ug/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-L	23-Aug-04	0	0.5	Trichloroethene	1	ug/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Fluoride	1.03	mg/kg	-	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Antimony	0.65	mg/kg	UJ	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Arsenic	4.9	mg/kg	-	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Beryllium	0.23	mg/kg	-	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Cadmium	0.1	mg/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Lead	4.7	mg/kg	J	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Manganese	704	mg/kg	J	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Molybdenum	1.1	mg/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Silver	0.093	mg/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Aroclor-1254	0.0035	ug/kg	U	476793.49	1348065.93

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Aroclor-1260	0.0035	ug/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Dieldrin	1.42	ug/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Cesium-137	0.0218	pCi/g	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Radium-226	0.639	pCi/g	J	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Radium-228	0.306	pCi/g	-	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Technetium-99	0.337	pCi/g	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Thorium-228	0.302	pCi/g	-	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Thorium-230	1.29	pCi/g	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Thorium-232	0.306	pCi/g	-	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Uranium, Total	1.76	mg/kg	-	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Benzo(a)anthracene	0.035	ug/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Benzo(a)pyrene	0.035	ug/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Benzo(b)fluoranthene	0.035	ug/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.035	ug/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Benzo(k)fluoranthene	0.035	ug/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Chrysene	0.035	ug/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.018	ug/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Fluoranthene	0.083	ug/kg	-	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.035	ug/kg	U	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Phenanthrene	0.025	ug/kg	J	476793.49	1348065.93
PRT-29	PRT-29^1-RMPS	23-Aug-04	0	0.5	Pyrene	0.064	ug/kg	-	476793.49	1348065.93
PRT-29L1	PRT-29L1^1-R	23-Aug-04	0	0.5	Radium-226	1.04	pCi/g	J	476787.8676	1348055.898
PRT-29L1	PRT-29L1^1-R	23-Aug-04	0	0.5	Radium-228	0.629	pCi/g	-	476787.8676	1348055.898
PRT-29L1	PRT-29L1^1-R	23-Aug-04	0	0.5	Thorium-228	0.623	pCi/g	-	476787.8676	1348055.898
PRT-29L1	PRT-29L1^1-R	23-Aug-04	0	0.5	Thorium-230	2.86	pCi/g	J	476787.8676	1348055.898
PRT-29L1	PRT-29L1^1-R	23-Aug-04	0	0.5	Thorium-232	0.629	pCi/g	-	476787.8676	1348055.898
PRT-29L1	PRT-29L1^1-R	23-Aug-04	0	0.5	Uranium, Total	3.09	mg/kg	-	476787.8676	1348055.898
PRT-29R1	PRT-29R1^1-R	23-Aug-04	0	0.5	Radium-226	0.689	pCi/g	J	476803.2682	1348083.377
PRT-29R1	PRT-29R1^1-R	23-Aug-04	0	0.5	Radium-228	0.428	pCi/g	-	476803.2682	1348083.377
PRT-29R1	PRT-29R1^1-R	23-Aug-04	0	0.5	Thorium-228	0.443	pCi/g	-	476803.2682	1348083.377
PRT-29R1	PRT-29R1^1-R	23-Aug-04	0	0.5	Thorium-230	2.75	pCi/g	J	476803.2682	1348083.377
PRT-29R1	PRT-29R1^1-R	23-Aug-04	0	0.5	Thorium-232	0.428	pCi/g	-	476803.2682	1348083.377
PRT-29R1	PRT-29R1^1-R	23-Aug-04	0	0.5	Uranium, Total	3.51	mg/kg	-	476803.2682	1348083.377
PRT-29R2	PRT-29R2^1-R	23-Aug-04	0	0.5	Radium-226	0.682	pCi/g	J	476805.7127	1348087.738
PRT-29R2	PRT-29R2^1-R	23-Aug-04	0	0.5	Radium-228	0.436	pCi/g	-	476805.7127	1348087.738
PRT-29R2	PRT-29R2^1-R	23-Aug-04	0	0.5	Thorium-228	0.44	pCi/g	-	476805.7127	1348087.738
PRT-29R2	PRT-29R2^1-R	23-Aug-04	0	0.5	Thorium-230	1.88	pCi/g	U	476805.7127	1348087.738

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-29R2	PRT-29R2^1-R	23-Aug-04	0	0.5	Thorium-232	0.436	pCi/g	-	476805.7127	1348087.738
PRT-29R2	PRT-29R2^1-R	23-Aug-04	0	0.5	Uranium, Total	1.73	mg/kg	-	476805.7127	1348087.738
PRT-2L1	PRT-2L1^1-L	30-Aug-04	0	0.5	1,1-Dichloroethene	1.2	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-L	30-Aug-04	0	0.5	Bromodichloromethane	1.2	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-L	30-Aug-04	0	0.5	Tetrachloroethene	1.2	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-L	30-Aug-04	0	0.5	Trichloroethene	1.2	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Fluoride	2.12	mg/kg	NV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Antimony	0.418	mg/kg	NV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Arsenic	5.22	mg/kg	NV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Beryllium	0.618	mg/kg	NV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Cadmium	0.204	mg/kg	NV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Lead	7.86	mg/kg	NV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Manganese	619	mg/kg	NV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Molybdenum	1.14	mg/kg	NV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Silver	0.105	mg/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Aroclor-1254	4	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Aroclor-1260	4	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Dieldrin	1.59	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Cesium-137	0.0505	pCi/g	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Radium-226	0.939	pCi/g	NV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Radium-228	0.713	pCi/g	NV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Technetium-99	0.774	pCi/g	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Thorium-228	0.725	pCi/g	NV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Thorium-230	4.44	pCi/g	NV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Thorium-232	0.713	pCi/g	NV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Uranium, Total	2.98	mg/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Benzo(a)anthracene	0.04	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Benzo(a)pyrene	0.04	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Benzo(b)fluoranthene	0.04	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.04	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Benzo(k)fluoranthene	0.04	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Chrysene	0.04	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.02	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Fluoranthene	0.04	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.04	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Phenanthrene	0.04	ug/kg	UNV	483362.426	1345882.672
PRT-2L1	PRT-2L1^1-RMPS	30-Aug-04	0	0.5	Pyrene	0.04	ug/kg	UNV	483362.426	1345882.672

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-2L2	PRT-2L2^1-R	30-Aug-04	0	0.5	Radium-226	0.919	pCi/g	NV	483361.481	1345880.357
PRT-2L2	PRT-2L2^1-R	30-Aug-04	0	0.5	Radium-228	0.734	pCi/g	NV	483361.481	1345880.357
PRT-2L2	PRT-2L2^1-R	30-Aug-04	0	0.5	Thorium-228	0.751	pCi/g	NV	483361.481	1345880.357
PRT-2L2	PRT-2L2^1-R	30-Aug-04	0	0.5	Thorium-230	4.32	pCi/g	NV	483361.481	1345880.357
PRT-2L2	PRT-2L2^1-R	30-Aug-04	0	0.5	Thorium-232	0.734	pCi/g	NV	483361.481	1345880.357
PRT-2L2	PRT-2L2^1-R	30-Aug-04	0	0.5	Uranium, Total	2.6	mg/kg	UNV	483361.481	1345880.357
PRT-2L3	PRT-2L3^1-R	30-Aug-04	0	0.5	Radium-226	0.981	pCi/g	NV	483359.9689	1345876.654
PRT-2L3	PRT-2L3^1-R	30-Aug-04	0	0.5	Radium-228	0.84	pCi/g	NV	483359.9689	1345876.654
PRT-2L3	PRT-2L3^1-R	30-Aug-04	0	0.5	Thorium-228	0.87	pCi/g	NV	483359.9689	1345876.654
PRT-2L3	PRT-2L3^1-R	30-Aug-04	0	0.5	Thorium-230	4.67	pCi/g	NV	483359.9689	1345876.654
PRT-2L3	PRT-2L3^1-R	30-Aug-04	0	0.5	Thorium-232	0.84	pCi/g	NV	483359.9689	1345876.654
PRT-2L3	PRT-2L3^1-R	30-Aug-04	0	0.5	Uranium, Total	3.17	mg/kg	NV	483359.9689	1345876.654
PRT-2R1	PRT-2R1^1-R	30-Aug-04	0	0.5	Radium-226	0.615	pCi/g	NV	483373.3886	1345909.52
PRT-2R1	PRT-2R1^1-R	30-Aug-04	0	0.5	Radium-228	0.431	pCi/g	NV	483373.3886	1345909.52
PRT-2R1	PRT-2R1^1-R	30-Aug-04	0	0.5	Thorium-228	0.438	pCi/g	NV	483373.3886	1345909.52
PRT-2R1	PRT-2R1^1-R	30-Aug-04	0	0.5	Thorium-230	4.46	pCi/g	NV	483373.3886	1345909.52
PRT-2R1	PRT-2R1^1-R	30-Aug-04	0	0.5	Thorium-232	0.431	pCi/g	NV	483373.3886	1345909.52
PRT-2R1	PRT-2R1^1-R	30-Aug-04	0	0.5	Uranium, Total	2.17	mg/kg	UNV	483373.3886	1345909.52
PRT-2R2	PRT-2R2^1-R	30-Aug-04	0	0.5	Radium-226	0.818	pCi/g	NV	483380.949	1345928.036
PRT-2R2	PRT-2R2^1-R	30-Aug-04	0	0.5	Radium-228	0.675	pCi/g	NV	483380.949	1345928.036
PRT-2R2	PRT-2R2^1-R	30-Aug-04	0	0.5	Thorium-228	0.669	pCi/g	NV	483380.949	1345928.036
PRT-2R2	PRT-2R2^1-R	30-Aug-04	0	0.5	Thorium-230	3.85	pCi/g	NV	483380.949	1345928.036
PRT-2R2	PRT-2R2^1-R	30-Aug-04	0	0.5	Thorium-232	0.675	pCi/g	NV	483380.949	1345928.036
PRT-2R2	PRT-2R2^1-R	30-Aug-04	0	0.5	Uranium, Total	2.75	mg/kg	UNV	483380.949	1345928.036
PRT-2R3	PRT-2R3^1-R	30-Aug-04	0	0.5	Radium-226	1.27	pCi/g	NV	483386.9973	1345942.848
PRT-2R3	PRT-2R3^1-R	30-Aug-04	0	0.5	Radium-228	0.953	pCi/g	NV	483386.9973	1345942.848
PRT-2R3	PRT-2R3^1-R	30-Aug-04	0	0.5	Thorium-228	0.963	pCi/g	NV	483386.9973	1345942.848
PRT-2R3	PRT-2R3^1-R	30-Aug-04	0	0.5	Thorium-230	4.33	pCi/g	NV	483386.9973	1345942.848
PRT-2R3	PRT-2R3^1-R	30-Aug-04	0	0.5	Thorium-232	0.953	pCi/g	NV	483386.9973	1345942.848
PRT-2R3	PRT-2R3^1-R	30-Aug-04	0	0.5	Uranium, Total	2.75	mg/kg	UNV	483386.9973	1345942.848
PRT-3	PRT-3^1-L	30-Aug-04	0	0.5	1,1-Dichloroethene	1.1	ug/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-L	30-Aug-04	0	0.5	Bromodichloromethane	1.1	ug/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-L	30-Aug-04	0	0.5	Tetrachloroethene	1.1	ug/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-L	30-Aug-04	0	0.5	Trichloroethene	1.1	ug/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Fluoride	1.07	mg/kg	NV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Antimony	0.514	mg/kg	NV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Arsenic	3.9	mg/kg	NV	482730.2813	1345946.775

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Beryllium	0.223	mg/kg	NV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Cadmium	0.114	mg/kg	NV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Lead	4.17	mg/kg	NV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Manganese	1210	mg/kg	NV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Molybdenum	1.23	mg/kg	NV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Silver	0.1	mg/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Aroclor-1254	110	ug/kg	NV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Aroclor-1260	18.8	ug/kg	NV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Dieldrin	1.53	ug/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Cesium-137	0.033	pCi/g	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Radium-226	0.712	pCi/g	NV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Radium-228	0.285	pCi/g	NV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Technetium-99	0.778	pCi/g	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Thorium-228	0.282	pCi/g	NV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Thorium-230	3.71	pCi/g	NV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Thorium-232	0.285	pCi/g	NV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Uranium, Total	1.85	mg/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Benzo(a)anthracene	0.038	ug/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Benzo(a)pyrene	0.038	ug/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Benzo(b)fluoranthene	0.038	ug/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.038	ug/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Benzo(k)fluoranthene	0.038	ug/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Chrysene	0.038	ug/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.019	ug/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Fluoranthene	0.038	ug/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.038	ug/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Phenanthrene	0.038	ug/kg	UNV	482730.2813	1345946.775
PRT-3	PRT-3^1-RMPS	30-Aug-04	0	0.5	Pyrene	0.038	ug/kg	UNV	482730.2813	1345946.775
PRT-30	PRT-30^1-L	23-Aug-04	0	0.5	1,1-Dichloroethene	1	ug/kg	U	476561.56	1348172.86
PRT-30	PRT-30^1-L	23-Aug-04	0	0.5	Bromodichloromethane	1	ug/kg	U	476561.56	1348172.86
PRT-30	PRT-30^1-L	23-Aug-04	0	0.5	Tetrachloroethene	1	ug/kg	U	476561.56	1348172.86
PRT-30	PRT-30^1-L	23-Aug-04	0	0.5	Trichloroethene	1	ug/kg	U	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Fluoride	0.921	mg/kg	J	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Antimony	0.362	mg/kg	UJ	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Arsenic	4.5	mg/kg	-	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Beryllium	0.24	mg/kg	-	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Cadmium	0.0504	mg/kg	U	476561.56	1348172.86

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Lead	5.6	mg/kg	J	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Manganese	370	mg/kg	J	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Molybdenum	1.2	mg/kg	U	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Silver	0.0952	mg/kg	U	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Aroclor-1254	0.017	ug/kg	-	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Aroclor-1260	0.0036	ug/kg	U	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Dieldrin	1.27	ug/kg	J	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Cesium-137	0.0333	pCi/g	U	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Radium-226	0.503	pCi/g	J	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Radium-228	0.322	pCi/g	-	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Technetium-99	0.359	pCi/g	U	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Thorium-228	0.308	pCi/g	-	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Thorium-230	1.58	pCi/g	U	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Thorium-232	0.322	pCi/g	-	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Uranium, Total	3.47	mg/kg	-	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Benzo(a)anthracene	0.036	ug/kg	U	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Benzo(a)pyrene	0.036	ug/kg	U	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Benzo(b)fluoranthene	0.036	ug/kg	U	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.036	ug/kg	U	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Benzo(k)fluoranthene	0.036	ug/kg	U	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Chrysene	0.036	ug/kg	U	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.018	ug/kg	U	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Fluoranthene	0.07	ug/kg	-	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.036	ug/kg	U	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Phenanthrene	0.022	ug/kg	J	476561.56	1348172.86
PRT-30	PRT-30^1-RMPS	23-Aug-04	0	0.5	Pyrene	0.054	ug/kg	-	476561.56	1348172.86
PRT-30L1	PRT-30L1^1-R	23-Aug-04	0	0.5	Radium-226	0.559	pCi/g	J	476561.56	1348152.86
PRT-30L1	PRT-30L1^1-R	23-Aug-04	0	0.5	Radium-228	0.286	pCi/g	-	476561.56	1348152.86
PRT-30L1	PRT-30L1^1-R	23-Aug-04	0	0.5	Thorium-228	0.284	pCi/g	-	476561.56	1348152.86
PRT-30L1	PRT-30L1^1-R	23-Aug-04	0	0.5	Thorium-230	2.05	pCi/g	U	476561.56	1348152.86
PRT-30L1	PRT-30L1^1-R	23-Aug-04	0	0.5	Thorium-232	0.286	pCi/g	-	476561.56	1348152.86
PRT-30L1	PRT-30L1^1-R	23-Aug-04	0	0.5	Uranium, Total	1.72	mg/kg	-	476561.56	1348152.86
PRT-30L2	PRT-30L2^1-R	23-Aug-04	0	0.5	Radium-226	1.07	pCi/g	J	476561.56	1348138.86
PRT-30L2	PRT-30L2^1-R	23-Aug-04	0	0.5	Radium-228	0.724	pCi/g	-	476561.56	1348138.86
PRT-30L2	PRT-30L2^1-R	23-Aug-04	0	0.5	Thorium-228	0.73	pCi/g	-	476561.56	1348138.86
PRT-30L2	PRT-30L2^1-R	23-Aug-04	0	0.5	Thorium-230	2.75	pCi/g	J	476561.56	1348138.86
PRT-30L2	PRT-30L2^1-R	23-Aug-04	0	0.5	Thorium-232	0.724	pCi/g	-	476561.56	1348138.86

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-30L2	PRT-30L2^1-R	23-Aug-04	0	0.5	Uranium, Total	4.86	mg/kg	-	476561.56	1348138.86
PRT-30R1	PRT-30R1^1-R	23-Aug-04	0	0.5	Radium-226	0.645	pCi/g	J	476561.56	1348185.86
PRT-30R1	PRT-30R1^1-R	23-Aug-04	0	0.5	Radium-228	0.313	pCi/g	-	476561.56	1348185.86
PRT-30R1	PRT-30R1^1-R	23-Aug-04	0	0.5	Thorium-228	0.344	pCi/g	-	476561.56	1348185.86
PRT-30R1	PRT-30R1^1-R	23-Aug-04	0	0.5	Thorium-230	1.39	pCi/g	U	476561.56	1348185.86
PRT-30R1	PRT-30R1^1-R	23-Aug-04	0	0.5	Thorium-232	0.313	pCi/g	-	476561.56	1348185.86
PRT-30R1	PRT-30R1^1-R	23-Aug-04	0	0.5	Uranium, Total	2.61	mg/kg	-	476561.56	1348185.86
PRT-31	PRT-31^1-L	24-Aug-04	0	0.5	1,1-Dichloroethene	1	ug/kg	UNV	476426.93	1348043.11
PRT-31	PRT-31^1-L	24-Aug-04	0	0.5	Bromodichloromethane	1	ug/kg	UNV	476426.93	1348043.11
PRT-31	PRT-31^1-L	24-Aug-04	0	0.5	Tetrachloroethene	1	ug/kg	UNV	476426.93	1348043.11
PRT-31	PRT-31^1-L	24-Aug-04	0	0.5	Trichloroethene	1	ug/kg	UNV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Fluoride	0.976	mg/kg	NV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Antimony	0.83	mg/kg	NV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Arsenic	2.8	mg/kg	NV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Beryllium	0.17	mg/kg	NV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Cadmium	0.09	mg/kg	NV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Lead	3.6	mg/kg	NV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Manganese	337	mg/kg	NV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Molybdenum	0.64	mg/kg	NV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Silver	0.0921	mg/kg	UNV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Aroclor-1254	3.4	ug/kg	UNV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Aroclor-1260	3.4	ug/kg	UNV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Dieldrin	1.37	ug/kg	UNV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Cesium-137	0.0266	pCi/g	U	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Radium-226	0.47	pCi/g	-	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Radium-228	0.3	pCi/g	-	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Technetium-99	0.474	pCi/g	U	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Thorium-228	0.301	pCi/g	-	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Thorium-230	1.25	pCi/g	U	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Thorium-232	0.3	pCi/g	-	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Uranium, Total	2.76	mg/kg	J	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Benzo(a)anthracene	0.034	ug/kg	UNV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Benzo(a)pyrene	0.056	ug/kg	NV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Benzo(b)fluoranthene	0.16	ug/kg	NV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.055	ug/kg	NV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Benzo(k)fluoranthene	0.034	ug/kg	UNV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Chrysene	0.034	ug/kg	UNV	476426.93	1348043.11

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.017	ug/kg	UNV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Fluoranthene	0.068	ug/kg	NV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.055	ug/kg	NV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Phenanthrene	0.034	ug/kg	UNV	476426.93	1348043.11
PRT-31	PRT-31^1-RMPS	24-Aug-04	0	0.5	Pyrene	0.048	ug/kg	NV	476426.93	1348043.11
PRT-31L1	PRT-31L1^1-R	24-Aug-04	0	0.5	Radium-226	0.525	pCi/g	-	476434.928	1348034.164
PRT-31L1	PRT-31L1^1-R	24-Aug-04	0	0.5	Radium-228	0.308	pCi/g	-	476434.928	1348034.164
PRT-31L1	PRT-31L1^1-R	24-Aug-04	0	0.5	Thorium-228	0.308	pCi/g	-	476434.928	1348034.164
PRT-31L1	PRT-31L1^1-R	24-Aug-04	0	0.5	Thorium-230	2.48	pCi/g	J	476434.928	1348034.164
PRT-31L1	PRT-31L1^1-R	24-Aug-04	0	0.5	Thorium-232	0.308	pCi/g	-	476434.928	1348034.164
PRT-31L1	PRT-31L1^1-R	24-Aug-04	0	0.5	Uranium, Total	2.37	mg/kg	J	476434.928	1348034.164
PRT-31L1	PRT-31L1^2-R	24-Aug-04	0.5	1	Radium-226	0.691	pCi/g	-	476434.928	1348034.164
PRT-31L1	PRT-31L1^2-R	24-Aug-04	0.5	1	Radium-228	0.307	pCi/g	-	476434.928	1348034.164
PRT-31L1	PRT-31L1^2-R	24-Aug-04	0.5	1	Thorium-228	0.328	pCi/g	-	476434.928	1348034.164
PRT-31L1	PRT-31L1^2-R	24-Aug-04	0.5	1	Thorium-230	2.8	pCi/g	J	476434.928	1348034.164
PRT-31L1	PRT-31L1^2-R	24-Aug-04	0.5	1	Thorium-232	0.307	pCi/g	-	476434.928	1348034.164
PRT-31L1	PRT-31L1^2-R	24-Aug-04	0.5	1	Uranium, Total	2.64	mg/kg	-	476434.928	1348034.164
PRT-31L1	PRT-31L1^3-R	24-Aug-04	1	1.5	Radium-226	0.695	pCi/g	-	476434.928	1348034.164
PRT-31L1	PRT-31L1^3-R	24-Aug-04	1	1.5	Radium-228	0.211	pCi/g	-	476434.928	1348034.164
PRT-31L1	PRT-31L1^3-R	24-Aug-04	1	1.5	Thorium-228	0.339	pCi/g	-	476434.928	1348034.164
PRT-31L1	PRT-31L1^3-R	24-Aug-04	1	1.5	Thorium-230	2.73	pCi/g	J	476434.928	1348034.164
PRT-31L1	PRT-31L1^3-R	24-Aug-04	1	1.5	Thorium-232	0.211	pCi/g	-	476434.928	1348034.164
PRT-31L1	PRT-31L1^3-R	24-Aug-04	1	1.5	Uranium, Total	1.72	mg/kg	J	476434.928	1348034.164
PRT-31L2	PRT-31L2^1-R	24-Aug-04	0	0.5	Radium-226	0.596	pCi/g	-	476438.927	1348029.691
PRT-31L2	PRT-31L2^1-R	24-Aug-04	0	0.5	Radium-228	0.382	pCi/g	-	476438.927	1348029.691
PRT-31L2	PRT-31L2^1-R	24-Aug-04	0	0.5	Thorium-228	0.387	pCi/g	-	476438.927	1348029.691
PRT-31L2	PRT-31L2^1-R	24-Aug-04	0	0.5	Thorium-230	2.51	pCi/g	J	476438.927	1348029.691
PRT-31L2	PRT-31L2^1-R	24-Aug-04	0	0.5	Thorium-232	0.382	pCi/g	-	476438.927	1348029.691
PRT-31L2	PRT-31L2^1-R	24-Aug-04	0	0.5	Uranium, Total	1.63	mg/kg	U	476438.927	1348029.691
PRT-31R1	PRT-31R1^1-R	24-Aug-04	0	0.5	Radium-226	1.44	pCi/g	-	476413.6	1348058.02
PRT-31R1	PRT-31R1^1-R	24-Aug-04	0	0.5	Radium-228	0.754	pCi/g	-	476413.6	1348058.02
PRT-31R1	PRT-31R1^1-R	24-Aug-04	0	0.5	Thorium-228	0.757	pCi/g	-	476413.6	1348058.02
PRT-31R1	PRT-31R1^1-R	24-Aug-04	0	0.5	Thorium-230	2.46	pCi/g	J	476413.6	1348058.02
PRT-31R1	PRT-31R1^1-R	24-Aug-04	0	0.5	Thorium-232	0.754	pCi/g	-	476413.6	1348058.02
PRT-31R1	PRT-31R1^1-R	24-Aug-04	0	0.5	Uranium, Total	6.29	mg/kg	-	476413.6	1348058.02
PRT-32	PRT-32^1-L	24-Aug-04	0	0.5	1,1-Dichloroethene	1.1	ug/kg	UNV	476211.21	1347780.98
PRT-32	PRT-32^1-L	24-Aug-04	0	0.5	Bromodichloromethane	1.1	ug/kg	UNV	476211.21	1347780.98

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-32	PRT-32^1-L	24-Aug-04	0	0.5	Tetrachloroethene	1.1	ug/kg	UNV	476211.21	1347780.98
PRT-32	PRT-32^1-L	24-Aug-04	0	0.5	Trichloroethene	1.1	ug/kg	UNV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Fluoride	1.04	mg/kg	NV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Antimony	0.338	mg/kg	UNV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Arsenic	2.3	mg/kg	NV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Beryllium	0.2	mg/kg	NV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Cadmium	0.0471	mg/kg	UNV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Lead	4.1	mg/kg	NV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Manganese	606	mg/kg	NV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Molybdenum	0.3	mg/kg	NV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Silver	0.0889	mg/kg	UNV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Aroclor-1254	3.4	ug/kg	UNV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Aroclor-1260	3.4	ug/kg	UNV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Dieldrin	1.35	ug/kg	UNV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Cesium-137	0.0422	pCi/g	U	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Radium-226	0.564	pCi/g	-	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Radium-228	0.294	pCi/g	-	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Technetium-99	0.433	pCi/g	U	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Thorium-228	0.308	pCi/g	-	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Thorium-230	1.53	pCi/g	J	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Thorium-232	0.294	pCi/g	-	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Uranium, Total	1.83	mg/kg	J	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Benzo(a)anthracene	0.034	ug/kg	UNV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Benzo(a)pyrene	0.029	ug/kg	NV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Benzo(b)fluoranthene	0.078	ug/kg	NV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.034	ug/kg	UNV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Benzo(k)fluoranthene	0.034	ug/kg	UNV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Chrysene	0.034	ug/kg	UNV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.017	ug/kg	UNV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Fluoranthene	0.034	ug/kg	UNV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.023	ug/kg	NV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Phenanthrene	0.034	ug/kg	UNV	476211.21	1347780.98
PRT-32	PRT-32^1-RMPS	24-Aug-04	0	0.5	Pyrene	0.034	ug/kg	UNV	476211.21	1347780.98
PRT-32L1	PRT-32L1^1-R	24-Aug-04	0	0.5	Radium-226	0.91	pCi/g	-	476223.0828	1347767.451
PRT-32L1	PRT-32L1^1-R	24-Aug-04	0	0.5	Radium-228	0.647	pCi/g	-	476223.0828	1347767.451
PRT-32L1	PRT-32L1^1-R	24-Aug-04	0	0.5	Thorium-228	0.658	pCi/g	-	476223.0828	1347767.451
PRT-32L1	PRT-32L1^1-R	24-Aug-04	0	0.5	Thorium-230	1.64	pCi/g	J	476223.0828	1347767.451

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-32L1	PRT-32L1^1-R	24-Aug-04	0	0.5	Thorium-232	0.647	pCi/g	-	476223.0828	1347767.451
PRT-32L1	PRT-32L1^1-R	24-Aug-04	0	0.5	Uranium, Total	2.14	mg/kg	U	476223.0828	1347767.451
PRT-32R1	PRT-32R1^1-R	24-Aug-04	0	0.5	Radium-226	0.641	pCi/g	-	476198.018	1347796.012
PRT-32R1	PRT-32R1^1-R	24-Aug-04	0	0.5	Radium-228	0.293	pCi/g	-	476198.018	1347796.012
PRT-32R1	PRT-32R1^1-R	24-Aug-04	0	0.5	Thorium-228	0.3	pCi/g	-	476198.018	1347796.012
PRT-32R1	PRT-32R1^1-R	24-Aug-04	0	0.5	Thorium-230	1.96	pCi/g	J	476198.018	1347796.012
PRT-32R1	PRT-32R1^1-R	24-Aug-04	0	0.5	Thorium-232	0.293	pCi/g	-	476198.018	1347796.012
PRT-32R1	PRT-32R1^1-R	24-Aug-04	0	0.5	Uranium, Total	1.44	mg/kg	U	476198.018	1347796.012
PRT-32R2	PRT-32R2^1-R	24-Aug-04	0	0.5	Radium-226	1.04	pCi/g	-	476190.1028	1347805.032
PRT-32R2	PRT-32R2^1-R	24-Aug-04	0	0.5	Radium-228	0.634	pCi/g	-	476190.1028	1347805.032
PRT-32R2	PRT-32R2^1-R	24-Aug-04	0	0.5	Thorium-228	0.651	pCi/g	-	476190.1028	1347805.032
PRT-32R2	PRT-32R2^1-R	24-Aug-04	0	0.5	Thorium-230	3.26	pCi/g	J	476190.1028	1347805.032
PRT-32R2	PRT-32R2^1-R	24-Aug-04	0	0.5	Thorium-232	0.634	pCi/g	-	476190.1028	1347805.032
PRT-32R2	PRT-32R2^1-R	24-Aug-04	0	0.5	Uranium, Total	3.23	mg/kg	J	476190.1028	1347805.032
PRT-3L1	PRT-3L1^1-R	30-Aug-04	0	0.5	Radium-226	0.647	pCi/g	NV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^1-R	30-Aug-04	0	0.5	Radium-228	0.416	pCi/g	NV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^1-R	30-Aug-04	0	0.5	Thorium-228	0.452	pCi/g	NV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^1-R	30-Aug-04	0	0.5	Thorium-230	4.32	pCi/g	NV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^1-R	30-Aug-04	0	0.5	Thorium-232	0.416	pCi/g	NV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^1-R	30-Aug-04	0	0.5	Uranium, Total	2.07	mg/kg	UNV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^2-R	30-Aug-04	0.5	1	Radium-226	0.589	pCi/g	NV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^2-R	30-Aug-04	0.5	1	Radium-228	0.274	pCi/g	NV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^2-R	30-Aug-04	0.5	1	Thorium-228	0.286	pCi/g	NV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^2-R	30-Aug-04	0.5	1	Thorium-230	3.72	pCi/g	NV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^2-R	30-Aug-04	0.5	1	Thorium-232	0.274	pCi/g	NV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^2-R	30-Aug-04	0.5	1	Uranium, Total	2.25	mg/kg	UNV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^3-R	30-Aug-04	1	1.5	Radium-226	0.618	pCi/g	NV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^3-R	30-Aug-04	1	1.5	Radium-228	0.311	pCi/g	NV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^3-R	30-Aug-04	1	1.5	Thorium-228	0.314	pCi/g	NV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^3-R	30-Aug-04	1	1.5	Thorium-230	3.7	pCi/g	NV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^3-R	30-Aug-04	1	1.5	Thorium-232	0.311	pCi/g	NV	482732.3531	1345939.048
PRT-3L1	PRT-3L1^3-R	30-Aug-04	1	1.5	Uranium, Total	2.13	mg/kg	UNV	482732.3531	1345939.048
PRT-3L2	PRT-3L2^1-R	30-Aug-04	0	0.5	Radium-226	0.653	pCi/g	NV	482735.4607	1345927.457
PRT-3L2	PRT-3L2^1-R	30-Aug-04	0	0.5	Radium-228	0.384	pCi/g	NV	482735.4607	1345927.457
PRT-3L2	PRT-3L2^1-R	30-Aug-04	0	0.5	Thorium-228	0.391	pCi/g	NV	482735.4607	1345927.457
PRT-3L2	PRT-3L2^1-R	30-Aug-04	0	0.5	Thorium-230	3.73	pCi/g	NV	482735.4607	1345927.457
PRT-3L2	PRT-3L2^1-R	30-Aug-04	0	0.5	Thorium-232	0.384	pCi/g	NV	482735.4607	1345927.457

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-3L2	PRT-3L2^1-R	30-Aug-04	0	0.5	Uranium, Total	1.91	mg/kg	UNV	482735.4607	1345927.457
PRT-3L3	PRT-3L3^1-R	30-Aug-04	0	0.5	Radium-226	0.647	pCi/g	NV	482740.6401	1345908.139
PRT-3L3	PRT-3L3^1-R	30-Aug-04	0	0.5	Radium-228	0.319	pCi/g	NV	482740.6401	1345908.139
PRT-3L3	PRT-3L3^1-R	30-Aug-04	0	0.5	Thorium-228	0.307	pCi/g	NV	482740.6401	1345908.139
PRT-3L3	PRT-3L3^1-R	30-Aug-04	0	0.5	Thorium-230	3.71	pCi/g	NV	482740.6401	1345908.139
PRT-3L3	PRT-3L3^1-R	30-Aug-04	0	0.5	Thorium-232	0.319	pCi/g	NV	482740.6401	1345908.139
PRT-3L3	PRT-3L3^1-R	30-Aug-04	0	0.5	Uranium, Total	2.08	mg/kg	UNV	482740.6401	1345908.139
PRT-3L4	PRT-3L4^1-R	30-Aug-04	0	0.5	Radium-226	0.75	pCi/g	NV	482743.7477	1345896.549
PRT-3L4	PRT-3L4^1-R	30-Aug-04	0	0.5	Radium-228	0.521	pCi/g	NV	482743.7477	1345896.549
PRT-3L4	PRT-3L4^1-R	30-Aug-04	0	0.5	Thorium-228	0.524	pCi/g	NV	482743.7477	1345896.549
PRT-3L4	PRT-3L4^1-R	30-Aug-04	0	0.5	Thorium-230	3.63	pCi/g	NV	482743.7477	1345896.549
PRT-3L4	PRT-3L4^1-R	30-Aug-04	0	0.5	Thorium-232	0.521	pCi/g	NV	482743.7477	1345896.549
PRT-3L4	PRT-3L4^1-R	30-Aug-04	0	0.5	Uranium, Total	2.21	mg/kg	UNV	482743.7477	1345896.549
PRT-3R1	PRT-3R1^1-R	30-Aug-04	0	0.5	Radium-226	0.972	pCi/g	NV	482727.5622	1345956.917
PRT-3R1	PRT-3R1^1-R	30-Aug-04	0	0.5	Radium-228	0.798	pCi/g	NV	482727.5622	1345956.917
PRT-3R1	PRT-3R1^1-R	30-Aug-04	0	0.5	Thorium-228	0.813	pCi/g	NV	482727.5622	1345956.917
PRT-3R1	PRT-3R1^1-R	30-Aug-04	0	0.5	Thorium-230	4.75	pCi/g	NV	482727.5622	1345956.917
PRT-3R1	PRT-3R1^1-R	30-Aug-04	0	0.5	Thorium-232	0.798	pCi/g	NV	482727.5622	1345956.917
PRT-3R1	PRT-3R1^1-R	30-Aug-04	0	0.5	Uranium, Total	3.95	mg/kg	NV	482727.5622	1345956.917
PRT-4	PRT-4^1-L	3-Aug-04	0	0.5	1,1-Dichloroethene	1.07	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-L	3-Aug-04	0	0.5	Bromodichloromethane	1.07	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-L	3-Aug-04	0	0.5	Tetrachloroethene	1.07	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-L	3-Aug-04	0	0.5	Trichloroethene	1.07	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Fluoride	0.608	mg/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Antimony	0.375	mg/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Arsenic	4.13	mg/kg	NV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Beryllium	0.215	mg/kg	NV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Cadmium	0.0523	mg/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Lead	5.11	mg/kg	NV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Manganese	622	mg/kg	NV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Molybdenum	1.01	mg/kg	NV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Silver	0.0986	mg/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Aroclor-1254	3.71	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Aroclor-1260	3.71	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Dieldrin	4.45	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Cesium-137	0.0293	pCi/g	U	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Radium-226	0.506	pCi/g	-	482590.52	1345861.35

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Radium-228	0.241	pCi/g	-	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Technetium-99	0.761	pCi/g	U	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Thorium-228	0.223	pCi/g	-	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Thorium-230	1.07	pCi/g	J	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Thorium-232	0.241	pCi/g	-	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Uranium, Total	0.931	mg/kg	U	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Benzo(a)anthracene	0.111	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Benzo(a)pyrene	0.111	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Benzo(b)fluoranthene	0.111	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.111	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Benzo(k)fluoranthene	0.111	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Chrysene	0.111	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0556	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Fluoranthene	0.111	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.111	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Phenanthrene	0.111	ug/kg	UNV	482590.52	1345861.35
PRT-4	PRT-4^1-RMPS	3-Aug-04	0	0.5	Pyrene	0.111	ug/kg	UNV	482590.52	1345861.35
PRT-4L1	PRT-4L1^1-R	3-Aug-04	0	0.5	Radium-226	0.903	pCi/g	-	482633.5794	1345850.192
PRT-4L1	PRT-4L1^1-R	3-Aug-04	0	0.5	Radium-228	0.759	pCi/g	-	482633.5794	1345850.192
PRT-4L1	PRT-4L1^1-R	3-Aug-04	0	0.5	Thorium-228	0.74	pCi/g	-	482633.5794	1345850.192
PRT-4L1	PRT-4L1^1-R	3-Aug-04	0	0.5	Thorium-230	1.45	pCi/g	J	482633.5794	1345850.192
PRT-4L1	PRT-4L1^1-R	3-Aug-04	0	0.5	Thorium-232	0.759	pCi/g	-	482633.5794	1345850.192
PRT-4L1	PRT-4L1^1-R	3-Aug-04	0	0.5	Uranium, Total	4.66	mg/kg	-	482633.5794	1345850.192
PRT-4R1	PRT-4R1^1-R	3-Aug-04	0	0.5	Radium-226	0.838	pCi/g	-	482623.8501	1345887.959
PRT-4R1	PRT-4R1^1-R	3-Aug-04	0	0.5	Radium-228	0.743	pCi/g	-	482623.8501	1345887.959
PRT-4R1	PRT-4R1^1-R	3-Aug-04	0	0.5	Thorium-228	0.742	pCi/g	-	482623.8501	1345887.959
PRT-4R1	PRT-4R1^1-R	3-Aug-04	0	0.5	Thorium-230	0.722	pCi/g	J	482623.8501	1345887.959
PRT-4R1	PRT-4R1^1-R	3-Aug-04	0	0.5	Thorium-232	0.743	pCi/g	-	482623.8501	1345887.959
PRT-4R1	PRT-4R1^1-R	3-Aug-04	0	0.5	Uranium, Total	4.43	mg/kg	J	482623.8501	1345887.959
PRT-5	PRT-5^1-L	16-Jul-04	0	0.5	1,1-Dichloroethene	1.14	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-L	16-Jul-04	0	0.5	Bromodichloromethane	1.14	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-L	16-Jul-04	0	0.5	Tetrachloroethene	1.14	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-L	16-Jul-04	0	0.5	Trichloroethene	1.14	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Fluoride	3.94	mg/kg	NV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Antimony	1.58	mg/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Arsenic	6.11	mg/kg	NV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Beryllium	0.289	mg/kg	NV	482552.34	1345854.7

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Cadmium	0.161	mg/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Lead	5.68	mg/kg	NV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Manganese	412	mg/kg	NV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Molybdenum	0.967	mg/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Silver	0.702	mg/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Aroclor-1254	9.86	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Aroclor-1260	9.86	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Dieldrin	0.789	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Cesium-137	0.0458	pCi/g	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Radium-226	0.913	pCi/g	NV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Radium-228	0.763	pCi/g	NV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Technetium-99	0.723	pCi/g	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Thorium-228	0.803	pCi/g	NV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Thorium-230	8.45	pCi/g	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Thorium-232	0.763	pCi/g	NV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Uranium, Total	4.24	mg/kg	NV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Benzo(a)anthracene	0.0854	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Benzo(a)pyrene	0.0854	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Benzo(b)fluoranthene	0.0854	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Benzo(g,h,i)perylene	0.0854	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Benzo(k)fluoranthene	0.0854	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Chrysene	0.0854	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Dibenzo(a,h)anthracene	0.03	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Fluoranthene	0.0854	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0854	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Phenanthrene	0.0854	ug/kg	UNV	482552.34	1345854.7
PRT-5	PRT-5^1-RMPS	16-Jul-04	0	0.5	Pyrene	0.0854	ug/kg	UNV	482552.34	1345854.7
PRT-5L1	PRT-5L1^1-R	16-Jul-04	0	0.5	Radium-226	0.525	pCi/g	NV	482554.9348	1345839.926
PRT-5L1	PRT-5L1^1-R	16-Jul-04	0	0.5	Radium-228	0.526	pCi/g	NV	482554.9348	1345839.926
PRT-5L1	PRT-5L1^1-R	16-Jul-04	0	0.5	Thorium-228	0.533	pCi/g	NV	482554.9348	1345839.926
PRT-5L1	PRT-5L1^1-R	16-Jul-04	0	0.5	Thorium-230	6.26	pCi/g	UNV	482554.9348	1345839.926
PRT-5L1	PRT-5L1^1-R	16-Jul-04	0	0.5	Thorium-232	0.526	pCi/g	NV	482554.9348	1345839.926
PRT-5L1	PRT-5L1^1-R	16-Jul-04	0	0.5	Uranium, Total	2.87	mg/kg	NV	482554.9348	1345839.926
PRT-5R1	PRT-5R1^1-R	16-Jul-04	0	0.5	Radium-226	0.747	pCi/g	NV	482548.8803	1345874.398
PRT-5R1	PRT-5R1^1-R	16-Jul-04	0	0.5	Radium-228	0.705	pCi/g	NV	482548.8803	1345874.398
PRT-5R1	PRT-5R1^1-R	16-Jul-04	0	0.5	Thorium-228	0.716	pCi/g	NV	482548.8803	1345874.398
PRT-5R1	PRT-5R1^1-R	16-Jul-04	0	0.5	Thorium-230	8.56	pCi/g	UNV	482548.8803	1345874.398

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-5R1	PRT-5R1^1-R	16-Jul-04	0	0.5	Thorium-232	0.705	pCi/g	NV	482548.8803	1345874.398
PRT-5R1	PRT-5R1^1-R	16-Jul-04	0	0.5	Uranium, Total	2.65	mg/kg	NV	482548.8803	1345874.398
PRT-6	PRT-6^1-L	6-Aug-04	0	0.5	1,1-Dichloroethene	1.14	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-L	6-Aug-04	0	0.5	Bromodichloromethane	1.14	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-L	6-Aug-04	0	0.5	Tetrachloroethene	1.14	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-L	6-Aug-04	0	0.5	Trichloroethene	1.14	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Fluoride	1.04	mg/kg	NV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Antimony	0.561	mg/kg	NV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Arsenic	4.34	mg/kg	NV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Beryllium	0.381	mg/kg	NV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Cadmium	0.0852	mg/kg	NV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Lead	6.92	mg/kg	NV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Manganese	806	mg/kg	NV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Molybdenum	1.29	mg/kg	NV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Silver	0.102	mg/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Aroclor-1254	3.82	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Aroclor-1260	3.82	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Dieldrin	1.53	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Cesium-137	0.0182	pCi/g	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Radium-226	0.516	pCi/g	NV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Radium-228	0.377	pCi/g	NV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Technetium-99	0.929	pCi/g	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Thorium-228	0.394	pCi/g	NV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Thorium-230	1.17	pCi/g	NV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Thorium-232	0.377	pCi/g	NV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Uranium, Total	2.38	mg/kg	NV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Benzo(a)anthracene	0.0382	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Benzo(a)pyrene	0.0382	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0382	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0382	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0382	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Chrysene	0.0382	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0191	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Fluoranthene	0.0382	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0382	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Phenanthrene	0.0382	ug/kg	UNV	482405.64	1345858.42
PRT-6	PRT-6^1-RMPS	6-Aug-04	0	0.5	Pyrene	0.0382	ug/kg	UNV	482405.64	1345858.42

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-6L1	PRT-6L1^1-R	6-Aug-04	0	0.5	Radium-226	0.734	pCi/g	NV	482403.5888	1345851.727
PRT-6L1	PRT-6L1^1-R	6-Aug-04	0	0.5	Radium-228	0.546	pCi/g	NV	482403.5888	1345851.727
PRT-6L1	PRT-6L1^1-R	6-Aug-04	0	0.5	Thorium-228	0.568	pCi/g	NV	482403.5888	1345851.727
PRT-6L1	PRT-6L1^1-R	6-Aug-04	0	0.5	Thorium-230	2.88	pCi/g	NV	482403.5888	1345851.727
PRT-6L1	PRT-6L1^1-R	6-Aug-04	0	0.5	Thorium-232	0.546	pCi/g	NV	482403.5888	1345851.727
PRT-6L1	PRT-6L1^1-R	6-Aug-04	0	0.5	Uranium, Total	3.07	mg/kg	NV	482403.5888	1345851.727
PRT-6R1	PRT-6R1^1-R	6-Aug-04	0	0.5	Radium-226	0.761	pCi/g	NV	482411.5006	1345877.542
PRT-6R1	PRT-6R1^1-R	6-Aug-04	0	0.5	Radium-228	0.458	pCi/g	NV	482411.5006	1345877.542
PRT-6R1	PRT-6R1^1-R	6-Aug-04	0	0.5	Thorium-228	0.469	pCi/g	NV	482411.5006	1345877.542
PRT-6R1	PRT-6R1^1-R	6-Aug-04	0	0.5	Thorium-230	4.85	pCi/g	NV	482411.5006	1345877.542
PRT-6R1	PRT-6R1^1-R	6-Aug-04	0	0.5	Thorium-232	0.458	pCi/g	NV	482411.5006	1345877.542
PRT-6R1	PRT-6R1^1-R	6-Aug-04	0	0.5	Uranium, Total	1.92	mg/kg	UNV	482411.5006	1345877.542
PRT-6R2	PRT-6R2^1-R	6-Aug-04	0	0.5	Radium-226	0.548	pCi/g	NV	482417.3613	1345896.664
PRT-6R2	PRT-6R2^1-R	6-Aug-04	0	0.5	Radium-228	0.378	pCi/g	NV	482417.3613	1345896.664
PRT-6R2	PRT-6R2^1-R	6-Aug-04	0	0.5	Thorium-228	0.384	pCi/g	NV	482417.3613	1345896.664
PRT-6R2	PRT-6R2^1-R	6-Aug-04	0	0.5	Thorium-230	5.67	pCi/g	NV	482417.3613	1345896.664
PRT-6R2	PRT-6R2^1-R	6-Aug-04	0	0.5	Thorium-232	0.378	pCi/g	NV	482417.3613	1345896.664
PRT-6R2	PRT-6R2^1-R	6-Aug-04	0	0.5	Uranium, Total	2.34	mg/kg	UNV	482417.3613	1345896.664
PRT-6R3	PRT-6R3^1-R	6-Aug-04	0	0.5	Radium-226	0.895	pCi/g	NV	482420.2916	1345906.225
PRT-6R3	PRT-6R3^1-R	6-Aug-04	0	0.5	Radium-228	0.77	pCi/g	NV	482420.2916	1345906.225
PRT-6R3	PRT-6R3^1-R	6-Aug-04	0	0.5	Thorium-228	0.82	pCi/g	NV	482420.2916	1345906.225
PRT-6R3	PRT-6R3^1-R	6-Aug-04	0	0.5	Thorium-230	5.73	pCi/g	NV	482420.2916	1345906.225
PRT-6R3	PRT-6R3^1-R	6-Aug-04	0	0.5	Thorium-232	0.77	pCi/g	NV	482420.2916	1345906.225
PRT-6R3	PRT-6R3^1-R	6-Aug-04	0	0.5	Uranium, Total	2.51	mg/kg	UNV	482420.2916	1345906.225
PRT-7	PRT-7^1-L	6-Aug-04	0	0.5	1,1-Dichloroethene	1.15	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-L	6-Aug-04	0	0.5	Bromodichloromethane	1.15	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-L	6-Aug-04	0	0.5	Tetrachloroethene	1.15	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-L	6-Aug-04	0	0.5	Trichloroethene	1.15	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Fluoride	1.12	mg/kg	NV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Antimony	0.876	mg/kg	NV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Arsenic	5.08	mg/kg	NV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Beryllium	0.308	mg/kg	NV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Cadmium	0.0712	mg/kg	NV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Lead	5.29	mg/kg	NV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Manganese	649	mg/kg	NV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Molybdenum	1.01	mg/kg	NV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Silver	0.098	mg/kg	UNV	482362.56	1345874.42

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Aroclor-1254	3.72	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Aroclor-1260	3.72	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Dieldrin	1.49	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Cesium-137	0.0205	pCi/g	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Radium-226	0.48	pCi/g	NV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Radium-228	0.317	pCi/g	NV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Technetium-99	0.956	pCi/g	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Thorium-228	0.323	pCi/g	NV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Thorium-230	1.74	pCi/g	NV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Thorium-232	0.317	pCi/g	NV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Uranium, Total	3.05	mg/kg	NV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Benzo(a)anthracene	0.0372	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Benzo(a)pyrene	0.0372	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0372	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0372	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0372	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Chrysene	0.0372	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0186	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Fluoranthene	0.0372	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0372	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Phenanthrene	0.0372	ug/kg	UNV	482362.56	1345874.42
PRT-7	PRT-7^1-RMPS	6-Aug-04	0	0.5	Pyrene	0.0372	ug/kg	UNV	482362.56	1345874.42
PRT-7L1	PRT-7L1^1-R	6-Aug-04	0	0.5	Radium-226	0.88	pCi/g	NV	482359.2386	1345863.933
PRT-7L1	PRT-7L1^1-R	6-Aug-04	0	0.5	Radium-228	0.672	pCi/g	NV	482359.2386	1345863.933
PRT-7L1	PRT-7L1^1-R	6-Aug-04	0	0.5	Thorium-228	0.704	pCi/g	NV	482359.2386	1345863.933
PRT-7L1	PRT-7L1^1-R	6-Aug-04	0	0.5	Thorium-230	5.56	pCi/g	NV	482359.2386	1345863.933
PRT-7L1	PRT-7L1^1-R	6-Aug-04	0	0.5	Thorium-232	0.672	pCi/g	NV	482359.2386	1345863.933
PRT-7L1	PRT-7L1^1-R	6-Aug-04	0	0.5	Uranium, Total	2.88	mg/kg	NV	482359.2386	1345863.933
PRT-7R1	PRT-7R1^1-R	6-Aug-04	0	0.5	Radium-226	0.704	pCi/g	NV	482368.5989	1345893.487
PRT-7R1	PRT-7R1^1-R	6-Aug-04	0	0.5	Radium-228	0.327	pCi/g	NV	482368.5989	1345893.487
PRT-7R1	PRT-7R1^1-R	6-Aug-04	0	0.5	Thorium-228	0.34	pCi/g	NV	482368.5989	1345893.487
PRT-7R1	PRT-7R1^1-R	6-Aug-04	0	0.5	Thorium-230	4.51	pCi/g	NV	482368.5989	1345893.487
PRT-7R1	PRT-7R1^1-R	6-Aug-04	0	0.5	Thorium-232	0.327	pCi/g	NV	482368.5989	1345893.487
PRT-7R1	PRT-7R1^1-R	6-Aug-04	0	0.5	Uranium, Total	1.96	mg/kg	UNV	482368.5989	1345893.487
PRT-7R2	PRT-7R2^1-R	6-Aug-04	0	0.5	Radium-226	0.56	pCi/g	NV	482374.6378	1345912.553
PRT-7R2	PRT-7R2^1-R	6-Aug-04	0	0.5	Radium-228	0.325	pCi/g	NV	482374.6378	1345912.553
PRT-7R2	PRT-7R2^1-R	6-Aug-04	0	0.5	Thorium-228	0.341	pCi/g	NV	482374.6378	1345912.553

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-7R2	PRT-7R2^1-R	6-Aug-04	0	0.5	Thorium-230	5.06	pCi/g	NV	482374.6378	1345912.553
PRT-7R2	PRT-7R2^1-R	6-Aug-04	0	0.5	Thorium-232	0.325	pCi/g	NV	482374.6378	1345912.553
PRT-7R2	PRT-7R2^1-R	6-Aug-04	0	0.5	Uranium, Total	2.3	mg/kg	UNV	482374.6378	1345912.553
PRT-8	PRT-8^1-L	6-Aug-04	0	0.5	1,1-Dichloroethene	1.13	ug/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-L	6-Aug-04	0	0.5	Bromodichloromethane	1.13	ug/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-L	6-Aug-04	0	0.5	Tetrachloroethene	1.13	ug/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-L	6-Aug-04	0	0.5	Trichloroethene	1.13	ug/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Fluoride	1.03	mg/kg	NV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Antimony	1.06	mg/kg	NV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Arsenic	5.04	mg/kg	NV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Beryllium	0.456	mg/kg	NV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Cadmium	0.0733	mg/kg	NV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Lead	8.3	mg/kg	NV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Manganese	500	mg/kg	NV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Molybdenum	1.44	mg/kg	NV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Silver	0.101	mg/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Aroclor-1254	3.77	ug/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Aroclor-1260	3.77	ug/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Dieldrin	1.51	ug/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Cesium-137	0.0207	pCi/g	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Radium-226	0.509	pCi/g	NV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Radium-228	0.394	pCi/g	NV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Technetium-99	0.928	pCi/g	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Thorium-228	0.412	pCi/g	NV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Thorium-230	1.68	pCi/g	NV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Thorium-232	0.394	pCi/g	NV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Uranium, Total	2.26	mg/kg	NV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Benzo(a)anthracene	0.0377	ug/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Benzo(a)pyrene	0.0377	ug/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0377	ug/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0377	ug/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0377	ug/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Chrysene	0.0377	ug/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0188	ug/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Fluoranthene	0.0377	ug/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0377	ug/kg	UNV	482277.55	1345909.85
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Phenanthrene	0.0377	ug/kg	UNV	482277.55	1345909.85

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APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-8	PRT-8^1-RMPS	6-Aug-04	0	0.5	Pyrene	0.0377	ug/kg	UNV	482277.55	1345909.85
PRT-8L1	PRT-8L1^1-R	6-Aug-04	0	0.5	Radium-226	0.937	pCi/g	NV	482273.5511	1345899.603
PRT-8L1	PRT-8L1^1-R	6-Aug-04	0	0.5	Radium-228	0.62	pCi/g	NV	482273.5511	1345899.603
PRT-8L1	PRT-8L1^1-R	6-Aug-04	0	0.5	Thorium-228	0.667	pCi/g	NV	482273.5511	1345899.603
PRT-8L1	PRT-8L1^1-R	6-Aug-04	0	0.5	Thorium-230	4.29	pCi/g	NV	482273.5511	1345899.603
PRT-8L1	PRT-8L1^1-R	6-Aug-04	0	0.5	Thorium-232	0.62	pCi/g	NV	482273.5511	1345899.603
PRT-8L1	PRT-8L1^1-R	6-Aug-04	0	0.5	Uranium, Total	3.95	mg/kg	NV	482273.5511	1345899.603
PRT-8R1	PRT-8R1^1-R	6-Aug-04	0	0.5	Radium-226	0.663	pCi/g	NV	482284.8206	1345928.482
PRT-8R1	PRT-8R1^1-R	6-Aug-04	0	0.5	Radium-228	0.425	pCi/g	NV	482284.8206	1345928.482
PRT-8R1	PRT-8R1^1-R	6-Aug-04	0	0.5	Thorium-228	0.429	pCi/g	NV	482284.8206	1345928.482
PRT-8R1	PRT-8R1^1-R	6-Aug-04	0	0.5	Thorium-230	4.6	pCi/g	NV	482284.8206	1345928.482
PRT-8R1	PRT-8R1^1-R	6-Aug-04	0	0.5	Thorium-232	0.425	pCi/g	NV	482284.8206	1345928.482
PRT-8R1	PRT-8R1^1-R	6-Aug-04	0	0.5	Uranium, Total	2.01	mg/kg	UNV	482284.8206	1345928.482
PRT-8R2	PRT-8R2^1-R	6-Aug-04	0	0.5	Radium-226	0.854	pCi/g	NV	482291.0007	1345944.319
PRT-8R2	PRT-8R2^1-R	6-Aug-04	0	0.5	Radium-228	0.622	pCi/g	NV	482291.0007	1345944.319
PRT-8R2	PRT-8R2^1-R	6-Aug-04	0	0.5	Thorium-228	0.618	pCi/g	NV	482291.0007	1345944.319
PRT-8R2	PRT-8R2^1-R	6-Aug-04	0	0.5	Thorium-230	4.02	pCi/g	NV	482291.0007	1345944.319
PRT-8R2	PRT-8R2^1-R	6-Aug-04	0	0.5	Thorium-232	0.622	pCi/g	NV	482291.0007	1345944.319
PRT-8R2	PRT-8R2^1-R	6-Aug-04	0	0.5	Uranium, Total	2.45	mg/kg	UNV	482291.0007	1345944.319
PRT-9	PRT-9^1-L	6-Aug-04	0	0.5	1,1-Dichloroethene	1.11	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-L	6-Aug-04	0	0.5	Bromodichloromethane	1.11	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-L	6-Aug-04	0	0.5	Tetrachloroethene	1.11	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-L	6-Aug-04	0	0.5	Trichloroethene	1.11	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Fluoride	0.844	mg/kg	NV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Antimony	0.479	mg/kg	NV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Arsenic	13.7	mg/kg	NV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Beryllium	0.293	mg/kg	NV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Cadmium	0.114	mg/kg	NV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Lead	6.03	mg/kg	NV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Manganese	754	mg/kg	NV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Molybdenum	1.37	mg/kg	NV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Silver	0.0968	mg/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Aroclor-1254	3.68	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Aroclor-1260	3.68	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Dieldrin	1.47	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Cesium-137	0.0188	pCi/g	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Radium-226	0.421	pCi/g	NV	482194.86	1345963.64

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Radium-228	0.22	pCi/g	NV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Technetium-99	0.825	pCi/g	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Thorium-228	0.222	pCi/g	NV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Thorium-230	0.959	pCi/g	NV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Thorium-232	0.22	pCi/g	NV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Uranium, Total	1.38	mg/kg	NV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Benzo(a)anthracene	0.0368	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Benzo(a)pyrene	0.0368	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Benzo(b)fluoranthene	0.0368	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Benzo(g,h,i)perylene	0.0368	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Benzo(k)fluoranthene	0.0368	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Chrysene	0.0368	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Dibenzo(a,h)anthracene	0.0184	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Fluoranthene	0.0368	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Indeno(1,2,3-cd)pyrene	0.0368	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Phenanthrene	0.0368	ug/kg	UNV	482194.86	1345963.64
PRT-9	PRT-9^1-RMPS	6-Aug-04	0	0.5	Pyrene	0.0368	ug/kg	UNV	482194.86	1345963.64
PRT-9L1	PRT-9L1^1-R	6-Aug-04	0	0.5	Radium-226	0.902	pCi/g	NV	482189.0155	1345955.526
PRT-9L1	PRT-9L1^1-R	6-Aug-04	0	0.5	Radium-228	0.74	pCi/g	NV	482189.0155	1345955.526
PRT-9L1	PRT-9L1^1-R	6-Aug-04	0	0.5	Thorium-228	0.78	pCi/g	NV	482189.0155	1345955.526
PRT-9L1	PRT-9L1^1-R	6-Aug-04	0	0.5	Thorium-230	4.15	pCi/g	NV	482189.0155	1345955.526
PRT-9L1	PRT-9L1^1-R	6-Aug-04	0	0.5	Thorium-232	0.74	pCi/g	NV	482189.0155	1345955.526
PRT-9L1	PRT-9L1^1-R	6-Aug-04	0	0.5	Uranium, Total	2.57	mg/kg	UNV	482189.0155	1345955.526
PRT-9R1	PRT-9R1^1-R	6-Aug-04	0	0.5	Radium-226	0.641	pCi/g	NV	482206.549	1345979.869
PRT-9R1	PRT-9R1^1-R	6-Aug-04	0	0.5	Radium-228	0.458	pCi/g	NV	482206.549	1345979.869
PRT-9R1	PRT-9R1^1-R	6-Aug-04	0	0.5	Thorium-228	0.467	pCi/g	NV	482206.549	1345979.869
PRT-9R1	PRT-9R1^1-R	6-Aug-04	0	0.5	Thorium-230	3.94	pCi/g	NV	482206.549	1345979.869
PRT-9R1	PRT-9R1^1-R	6-Aug-04	0	0.5	Thorium-232	0.458	pCi/g	NV	482206.549	1345979.869
PRT-9R1	PRT-9R1^1-R	6-Aug-04	0	0.5	Uranium, Total	2	mg/kg	UNV	482206.549	1345979.869
PRT-9R2	PRT-9R2^1-R	6-Aug-04	0	0.5	Radium-226	0.668	pCi/g	NV	482218.238	1345996.097
PRT-9R2	PRT-9R2^1-R	6-Aug-04	0	0.5	Radium-228	0.486	pCi/g	NV	482218.238	1345996.097
PRT-9R2	PRT-9R2^1-R	6-Aug-04	0	0.5	Thorium-228	0.482	pCi/g	NV	482218.238	1345996.097
PRT-9R2	PRT-9R2^1-R	6-Aug-04	0	0.5	Thorium-230	4.61	pCi/g	NV	482218.238	1345996.097
PRT-9R2	PRT-9R2^1-R	6-Aug-04	0	0.5	Thorium-232	0.486	pCi/g	NV	482218.238	1345996.097
PRT-9R2	PRT-9R2^1-R	6-Aug-04	0	0.5	Uranium, Total	2.78	mg/kg	NV	482218.238	1345996.097
PRT-9R3	PRT-9R3^1-R	6-Aug-04	0	0.5	Radium-226	0.806	pCi/g	NV	482225.8358	1346006.646
PRT-9R3	PRT-9R3^1-R	6-Aug-04	0	0.5	Radium-228	0.629	pCi/g	NV	482225.8358	1346006.646

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
PRT-9R3	PRT-9R3^1-R	6-Aug-04	0	0.5	Thorium-228	0.621	pCi/g	NV	482225.8358	1346006.646
PRT-9R3	PRT-9R3^1-R	6-Aug-04	0	0.5	Thorium-230	4.12	pCi/g	NV	482225.8358	1346006.646
PRT-9R3	PRT-9R3^1-R	6-Aug-04	0	0.5	Thorium-232	0.629	pCi/g	NV	482225.8358	1346006.646
PRT-9R3	PRT-9R3^1-R	6-Aug-04	0	0.5	Uranium, Total	2.55	mg/kg	UNV	482225.8358	1346006.646
RTB-1	RTB-1^1-R	9-Mar-04	0	0.5	Radium-226	1.53	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^1-R	9-Mar-04	0	0.5	Radium-228	2.54	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^1-R	9-Mar-04	0	0.5	Thorium-228	2.6	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^1-R	9-Mar-04	0	0.5	Thorium-230	43.3	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^1-R	9-Mar-04	0	0.5	Thorium-232	2.54	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^1-R	9-Mar-04	0	0.5	Uranium, Total	44	mg/kg	NV	478141.141	1348984.84
RTB-1	RTB-1^2-R	9-Mar-04	0.5	1	Radium-226	1.04	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^2-R	9-Mar-04	0.5	1	Radium-228	1.42	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^2-R	9-Mar-04	0.5	1	Thorium-228	1.41	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^2-R	9-Mar-04	0.5	1	Thorium-230	13.7	pCi/g	UNV	478141.141	1348984.84
RTB-1	RTB-1^2-R	9-Mar-04	0.5	1	Thorium-232	1.42	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^2-R	9-Mar-04	0.5	1	Uranium, Total	27.8	mg/kg	NV	478141.141	1348984.84
RTB-1	RTB-1^3-R	9-Mar-04	1	1.5	Radium-226	1.34	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^3-R	9-Mar-04	1	1.5	Radium-228	1.87	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^3-R	9-Mar-04	1	1.5	Thorium-228	1.85	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^3-R	9-Mar-04	1	1.5	Thorium-230	17.8	pCi/g	UNV	478141.141	1348984.84
RTB-1	RTB-1^3-R	9-Mar-04	1	1.5	Thorium-232	1.87	pCi/g	NV	478141.141	1348984.84
RTB-1	RTB-1^3-R	9-Mar-04	1	1.5	Uranium, Total	31.5	mg/kg	NV	478141.141	1348984.84
RTB-2	RTB-2^1-R	9-Mar-04	0	0.5	Radium-226	9.99	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^1-R	9-Mar-04	0	0.5	Radium-228	1.82	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^1-R	9-Mar-04	0	0.5	Thorium-228	1.78	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^1-R	9-Mar-04	0	0.5	Thorium-230	25.3	pCi/g	UNV	477761.904	1349082.054
RTB-2	RTB-2^1-R	9-Mar-04	0	0.5	Thorium-232	1.82	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^1-R	9-Mar-04	0	0.5	Uranium, Total	34.1	mg/kg	NV	477761.904	1349082.054
RTB-2	RTB-2^2-R	9-Mar-04	0.5	1	Radium-226	0.916	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^2-R	9-Mar-04	0.5	1	Radium-228	0.396	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^2-R	9-Mar-04	0.5	1	Thorium-228	0.396	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^2-R	9-Mar-04	0.5	1	Thorium-230	12.5	pCi/g	UNV	477761.904	1349082.054
RTB-2	RTB-2^2-R	9-Mar-04	0.5	1	Thorium-232	0.396	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^2-R	9-Mar-04	0.5	1	Uranium, Total	12.4	mg/kg	NV	477761.904	1349082.054
RTB-2	RTB-2^3-R	9-Mar-04	1	1.5	Radium-226	7.63	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^3-R	9-Mar-04	1	1.5	Radium-228	1.16	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^3-R	9-Mar-04	1	1.5	Thorium-228	1.17	pCi/g	NV	477761.904	1349082.054

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Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
RTB-2	RTB-2^3-R	9-Mar-04	1	1.5	Thorium-230	23.1	pCi/g	UNV	477761.904	1349082.054
RTB-2	RTB-2^3-R	9-Mar-04	1	1.5	Thorium-232	1.16	pCi/g	NV	477761.904	1349082.054
RTB-2	RTB-2^3-R	9-Mar-04	1	1.5	Uranium, Total	32.4	mg/kg	NV	477761.904	1349082.054
RTB-3	RTB-3^1-R	14-Apr-04	0	0.5	Radium-226	0.855	pCi/g	NV	479194.132	1346351.055
RTB-3	RTB-3^1-R	14-Apr-04	0	0.5	Radium-228	0.783	pCi/g	NV	479194.132	1346351.055
RTB-3	RTB-3^1-R	14-Apr-04	0	0.5	Thorium-228	0.802	pCi/g	NV	479194.132	1346351.055
RTB-3	RTB-3^1-R	14-Apr-04	0	0.5	Thorium-230	4.28	pCi/g	UNV	479194.132	1346351.055
RTB-3	RTB-3^1-R	14-Apr-04	0	0.5	Thorium-232	0.783	pCi/g	NV	479194.132	1346351.055
RTB-3	RTB-3^1-R	14-Apr-04	0	0.5	Uranium, Total	7.26	mg/kg	NV	479194.132	1346351.055
RTB-3	RTB-3^2-R	14-Apr-04	0.5	1	Radium-226	0.898	pCi/g	NV	479194.132	1346351.055
RTB-3	RTB-3^2-R	14-Apr-04	0.5	1	Radium-228	0.801	pCi/g	NV	479194.132	1346351.055
RTB-3	RTB-3^2-R	14-Apr-04	0.5	1	Thorium-228	0.822	pCi/g	NV	479194.132	1346351.055
RTB-3	RTB-3^2-R	14-Apr-04	0.5	1	Thorium-230	8.71	pCi/g	UNV	479194.132	1346351.055
RTB-3	RTB-3^2-R	14-Apr-04	0.5	1	Thorium-232	0.801	pCi/g	NV	479194.132	1346351.055
RTB-3	RTB-3^2-R	14-Apr-04	0.5	1	Uranium, Total	6.05	mg/kg	NV	479194.132	1346351.055
RTB-3	RTB-3^3-R	14-Apr-04	1	1.5	Radium-226	1.12	pCi/g	NV	479194.132	1346351.055
RTB-3	RTB-3^3-R	14-Apr-04	1	1.5	Radium-228	0.776	pCi/g	NV	479194.132	1346351.055
RTB-3	RTB-3^3-R	14-Apr-04	1	1.5	Thorium-228	0.793	pCi/g	NV	479194.132	1346351.055
RTB-3	RTB-3^3-R	14-Apr-04	1	1.5	Thorium-230	6.27	pCi/g	UNV	479194.132	1346351.055
RTB-3	RTB-3^3-R	14-Apr-04	1	1.5	Thorium-232	0.776	pCi/g	NV	479194.132	1346351.055
RTB-3	RTB-3^3-R	14-Apr-04	1	1.5	Uranium, Total	6.68	mg/kg	NV	479194.132	1346351.055
A6-SA3-10	A6-SA3-10^1-RMP	11-Feb-05	0	0.5	Arsenic	6.28	mg/kg	NV	482109.927	1346205.213
A6-SA3-10	A6-SA3-10^1-RMP	11-Feb-05	0	0.5	Beryllium	0.895	mg/kg	NV	482109.927	1346205.213
A6-SA3-10	A6-SA3-10^1-RMP	11-Feb-05	0	0.5	Aroclor-1254	0.00405	ug/kg	UNV	482109.927	1346205.213
A6-SA3-10	A6-SA3-10^1-RMP	11-Feb-05	0	0.5	Dieldrin	0.00162	ug/kg	UNV	482109.927	1346205.213
A6-SA3-10	A6-SA3-10^1-RMP	11-Feb-05	0	0.5	Radium-226	1.14	pCi/g	NV	482109.927	1346205.213
A6-SA3-10	A6-SA3-10^1-RMP	11-Feb-05	0	0.5	Technetium-99	0.816	pCi/g	UNV	482109.927	1346205.213
A6-SA3-10	A6-SA3-10^1-RMP	11-Feb-05	0	0.5	Thorium-228	0.634	pCi/g	NV	482109.927	1346205.213
A6-SA3-10	A6-SA3-10^1-RMP	11-Feb-05	0	0.5	Thorium-232	0.75	pCi/g	NV	482109.927	1346205.213
A6-SA3-10	A6-SA3-10^1-RMP	11-Feb-05	0	0.5	Uranium, Total	4.32	mg/kg	UNV	482109.927	1346205.213
A6-SA3-3	A6-SA3-3^1-RMP	3-Feb-05	0	0.5	Arsenic	8.43	mg/kg	NV	482783.231	1345537.947
A6-SA3-3	A6-SA3-3^1-RMP	3-Feb-05	0	0.5	Beryllium	0.833	mg/kg	NV	482783.231	1345537.947
A6-SA3-3	A6-SA3-3^1-RMP	3-Feb-05	0	0.5	Aroclor-1254	0.0043	ug/kg	UNV	482783.231	1345537.947
A6-SA3-3	A6-SA3-3^1-RMP	3-Feb-05	0	0.5	Dieldrin	0.00172	ug/kg	UNV	482783.231	1345537.947
A6-SA3-3	A6-SA3-3^1-RMP	3-Feb-05	0	0.5	Radium-226	1.05	pCi/g	NV	482783.231	1345537.947
A6-SA3-3	A6-SA3-3^1-RMP	3-Feb-05	0	0.5	Technetium-99	0.797	pCi/g	UNV	482783.231	1345537.947
A6-SA3-3	A6-SA3-3^1-RMP	3-Feb-05	0	0.5	Thorium-228	0.972	pCi/g	NV	482783.231	1345537.947

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PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
A6-SA3-3	A6-SA3-3^1-RMP	3-Feb-05	0	0.5	Thorium-232	1.06	pCi/g	NV	482783.231	1345537.947
A6-SA3-3	A6-SA3-3^1-RMP	3-Feb-05	0	0.5	Uranium, Total	6.16	mg/kg	-	482783.231	1345537.947
A6-SA3-35	A6-SA3-35^1-M	11-Feb-05	0	0.5	Arsenic	3.81	mg/kg	NV	482597.653	1345900.159
A6-SA3-35	A6-SA3-35^1-M	11-Feb-05	0	0.5	Beryllium	0.321	mg/kg	NV	482597.653	1345900.159
A6-SA3-36	A6-SA3-36^1-M	11-Feb-05	0	0.5	Arsenic	4.09	mg/kg	NV	482586.767	1345900.308
A6-SA3-36	A6-SA3-36^1-M	11-Feb-05	0	0.5	Beryllium	0.338	mg/kg	NV	482586.767	1345900.308
A6-SA3-37	A6-SA3-37^1-M	11-Feb-05	0	0.5	Arsenic	4.5	mg/kg	NV	482592.629	1345905.208
A6-SA3-37	A6-SA3-37^1-M	11-Feb-05	0	0.5	Beryllium	0.438	mg/kg	NV	482592.629	1345905.208
A6-SA3-38	A6-SA3-38^1-M	11-Feb-05	0	0.5	Arsenic	3.6	mg/kg	NV	482592.736	1345895.191
A6-SA3-38	A6-SA3-38^1-M	11-Feb-05	0	0.5	Beryllium	0.166	mg/kg	NV	482592.736	1345895.191
A6-SA3-39	A6-SA3-39^2-M	1-Mar-05	0.5	1	Arsenic	4.45	mg/kg	NV	482592.747	1345900.227
A6-SA3-39	A6-SA3-39^2-M	1-Mar-05	0.5	1	Beryllium	0.557	mg/kg	NV	482592.747	1345900.227
A6-SA3-39	A6-SA3-39^7-M	1-Mar-05	3	3.5	Arsenic	3.69	mg/kg	NV	482592.747	1345900.227
A6-SA3-39	A6-SA3-39^7-M	1-Mar-05	3	3.5	Beryllium	0.632	mg/kg	NV	482592.747	1345900.227
A6-SA3-4	A6-SA3-4^1-RMP	9-Feb-05	0	0.5	Arsenic	4.05	mg/kg	NV	482621.851	1346062.846
A6-SA3-4	A6-SA3-4^1-RMP	9-Feb-05	0	0.5	Beryllium	0.197	mg/kg	NV	482621.851	1346062.846
A6-SA3-4	A6-SA3-4^1-RMP	9-Feb-05	0	0.5	Aroclor-1254	0.00352	ug/kg	UNV	482621.851	1346062.846
A6-SA3-4	A6-SA3-4^1-RMP	9-Feb-05	0	0.5	Dieldrin	0.00141	ug/kg	UNV	482621.851	1346062.846
A6-SA3-4	A6-SA3-4^1-RMP	9-Feb-05	0	0.5	Radium-226	0.503	pCi/g	NV	482621.851	1346062.846
A6-SA3-4	A6-SA3-4^1-RMP	9-Feb-05	0	0.5	Technetium-99	0.77	pCi/g	UNV	482621.851	1346062.846
A6-SA3-4	A6-SA3-4^1-RMP	9-Feb-05	0	0.5	Thorium-228	0.247	pCi/g	NV	482621.851	1346062.846
A6-SA3-4	A6-SA3-4^1-RMP	9-Feb-05	0	0.5	Thorium-232	0.389	pCi/g	NV	482621.851	1346062.846
A6-SA3-4	A6-SA3-4^1-RMP	9-Feb-05	0	0.5	Uranium, Total	4.08	mg/kg	UNV	482621.851	1346062.846
A6-SA3-5	A6-SA3-5^1-RMP	9-Feb-05	0	0.5	Arsenic	6.52	mg/kg	NV	482560.151	1346299.358
A6-SA3-5	A6-SA3-5^1-RMP	9-Feb-05	0	0.5	Beryllium	0.604	mg/kg	NV	482560.151	1346299.358
A6-SA3-5	A6-SA3-5^1-RMP	9-Feb-05	0	0.5	Aroclor-1254	0.00397	ug/kg	UNV	482560.151	1346299.358
A6-SA3-5	A6-SA3-5^1-RMP	9-Feb-05	0	0.5	Dieldrin	0.00159	ug/kg	UNV	482560.151	1346299.358
A6-SA3-5	A6-SA3-5^1-RMP	9-Feb-05	0	0.5	Radium-226	1.15	pCi/g	NV	482560.151	1346299.358
A6-SA3-5	A6-SA3-5^1-RMP	9-Feb-05	0	0.5	Technetium-99	0.844	pCi/g	UNV	482560.151	1346299.358
A6-SA3-5	A6-SA3-5^1-RMP	9-Feb-05	0	0.5	Thorium-228	1.1	pCi/g	NV	482560.151	1346299.358
A6-SA3-5	A6-SA3-5^1-RMP	9-Feb-05	0	0.5	Thorium-232	1.14	pCi/g	NV	482560.151	1346299.358
A6-SA3-5	A6-SA3-5^1-RMP	9-Feb-05	0	0.5	Uranium, Total	19.6	mg/kg	NV	482560.151	1346299.358
A6-SA3-8	A6-SA3-8^1-RMP	11-Feb-05	0	0.5	Arsenic	6.04	mg/kg	NV	482519.938	1346212.928
A6-SA3-8	A6-SA3-8^1-RMP	11-Feb-05	0	0.5	Beryllium	0.522	mg/kg	NV	482519.938	1346212.928
A6-SA3-8	A6-SA3-8^1-RMP	11-Feb-05	0	0.5	Aroclor-1254	0.00321	ug/kg	NV	482519.938	1346212.928
A6-SA3-8	A6-SA3-8^1-RMP	11-Feb-05	0	0.5	Dieldrin	0.000456	ug/kg	NV	482519.938	1346212.928
A6-SA3-8	A6-SA3-8^1-RMP	11-Feb-05	0	0.5	Radium-226	1.37	pCi/g	NV	482519.938	1346212.928

APPENDIX A
PREDESIGN CHARACTERIZATION DATA FOR STREAM CORRIDORS PILOT PLANT DRAINAGE DITCH AND PADDYS RUN

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
A6-SA3-8	A6-SA3-8^1-RMP	11-Feb-05	0	0.5	Technetium-99	0.829	pCi/g	UNV	482519.938	1346212.928
A6-SA3-8	A6-SA3-8^1-RMP	11-Feb-05	0	0.5	Thorium-228	0.812	pCi/g	NV	482519.938	1346212.928
A6-SA3-8	A6-SA3-8^1-RMP	11-Feb-05	0	0.5	Thorium-232	0.776	pCi/g	NV	482519.938	1346212.928
A6-SA3-8	A6-SA3-8^1-RMP	11-Feb-05	0	0.5	Uranium, Total	23.5	mg/kg	NV	482519.938	1346212.928
A6-SA3-9	A6-SA3-9^1-RMP	11-Feb-05	0	0.5	Arsenic	5.05	mg/kg	NV	482297.87	1346022.014
A6-SA3-9	A6-SA3-9^1-RMP	11-Feb-05	0	0.5	Beryllium	0.447	mg/kg	NV	482297.87	1346022.014
A6-SA3-9	A6-SA3-9^1-RMP	11-Feb-05	0	0.5	Aroclor-1254	0.0119	ug/kg	NV	482297.87	1346022.014
A6-SA3-9	A6-SA3-9^1-RMP	11-Feb-05	0	0.5	Dieldrin	0.000316	ug/kg	NV	482297.87	1346022.014
A6-SA3-9	A6-SA3-9^1-RMP	11-Feb-05	0	0.5	Radium-226	0.924	pCi/g	NV	482297.87	1346022.014
A6-SA3-9	A6-SA3-9^1-RMP	11-Feb-05	0	0.5	Technetium-99	0.82	pCi/g	UNV	482297.87	1346022.014
A6-SA3-9	A6-SA3-9^1-RMP	11-Feb-05	0	0.5	Thorium-228	0.59	pCi/g	NV	482297.87	1346022.014
A6-SA3-9	A6-SA3-9^1-RMP	11-Feb-05	0	0.5	Thorium-232	0.737	pCi/g	NV	482297.87	1346022.014
A6-SA3-9	A6-SA3-9^1-RMP	11-Feb-05	0	0.5	Uranium, Total	4.62	mg/kg	UNV	482297.87	1346022.014

APPENDIX B

LIST OF TECHNICAL SPECIFICATIONS AND DRAWINGS

APPENDIX B
LIST OF TECHNICAL SPECIFICATIONS AND DRAWINGS

Drawings

Drawing Number	Sheet	Title
99X-5500-G-00882	G-1	Paddys Run At Railroad Trestle
99X-5500-G-00883	G-2	Paddys Run West of Silo 1
99X-5500-G-00884	G-3	Pilot Plant Drainage Ditch Grading Plan

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, Part of 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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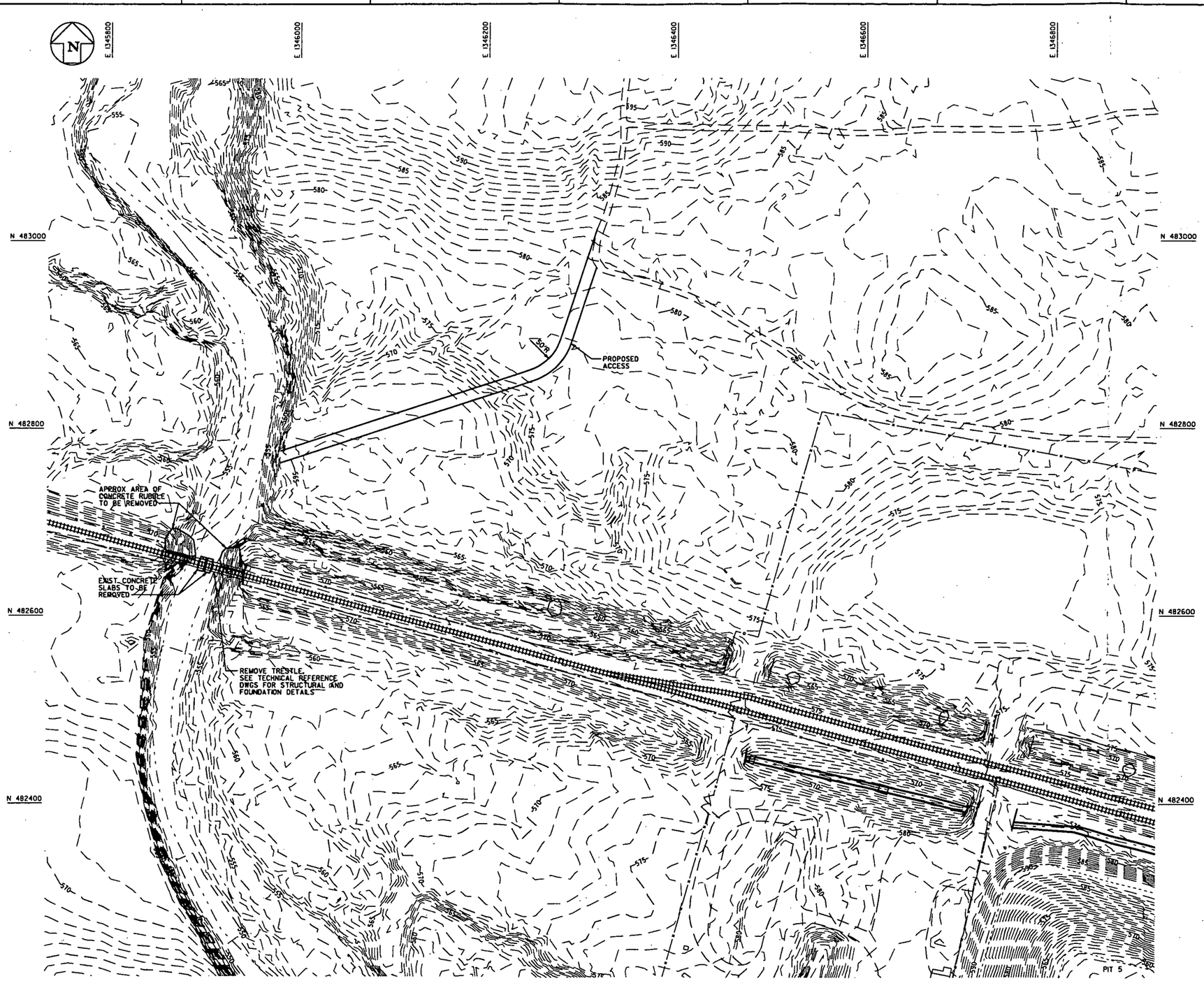

SCALE: 1" = 40'

0 20 40 100 200

SCALE IN FEET

PRELIMINARY

NOT FOR CONSTRUCTION

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. TECHNICAL SPECIFICATION REQUIREMENTS ARE APPLICABLE WHERE PERTINENT TO REMEDIAL ACTIVITY SCOPE SHOWN ON CONSTRUCTION DRAWINGS.
2. FOR CIVIL DETAILS SEE DRAWING 99X-5500-G-00840.
3. EXCAVATE, LOAD, AND HAUL SURFACE AND SUB-SURFACE CONCRETE RUBBLE AND SLABS FROM THE APPROXIMATE LOCATIONS SHOWN IN ACCORDANCE WITH TECHNICAL SPECIFICATION SECTION 02205.
4. UPON APPROVAL THAT RAIL SHIPPING OPERATIONS AT THE SITE HAVE BEEN COMPLETED AND RAILCARS HAVE BEEN REMOVED FROM SITE, DISMANTLE, LOAD, AND HAUL THE TRESTLE IN ACCORDANCE WITH TECHNICAL SPECIFICATION 02205.
5. SEED AFFECTED AREAS USING PERMANENT SEED MIX PER OSDF TECHNICAL SPECIFICATION 02930.

TECHNICAL REFERENCE DRAWING INDEX

REF DWG NO.	DRAWING TITLE
24A-1450-S-00018	REVISED CATALYTIC CONSTRUCTION CO DWG RAILROAD TRESTLE
24A-5500-S-00085	WESTINGHOUSE MATL CO OF OHIO 'AS-BUILT' DWG ISSUED FOR INFORMATION ONLY
91X-5900-S-00312	PLANS, SECTIONS, AND DETAILS NEW WALKWAYS FOR EXISTING RR TRESTLE
91X-5900-S-00313	ENLARGED PLAN, SECTIONS, AND DETAILS NEW WALKWAYS FOR EXISTING RR TRESTLE

REV. NO.	ISSUE OR REVISION PURPOSE - DESCRIPTION	DATE	REV. BY	APPR.
A	ISSUED FOR INTERNAL REVIEW			

INITIALS AND DATE

UNITED STATES DEPARTMENT OF ENERGY
FERNALD CLOSURE PROJECT

THIS DRAWING PREPARED BY

FLUOR FERNALD, INC.

PROJECT NAME

SOIL REMEDIATION

DRAWING TITLE

STREAM CORRIDORS REMEDIATION PROJECT
PADDYS RUN AT RAILROAD TRESTLE
GRADING PLAN

APPROVALS

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

DRAWN BY	PROJECT NO.	DRAWING INDEX CODE NO.	SHEET NO.	REV. NO.
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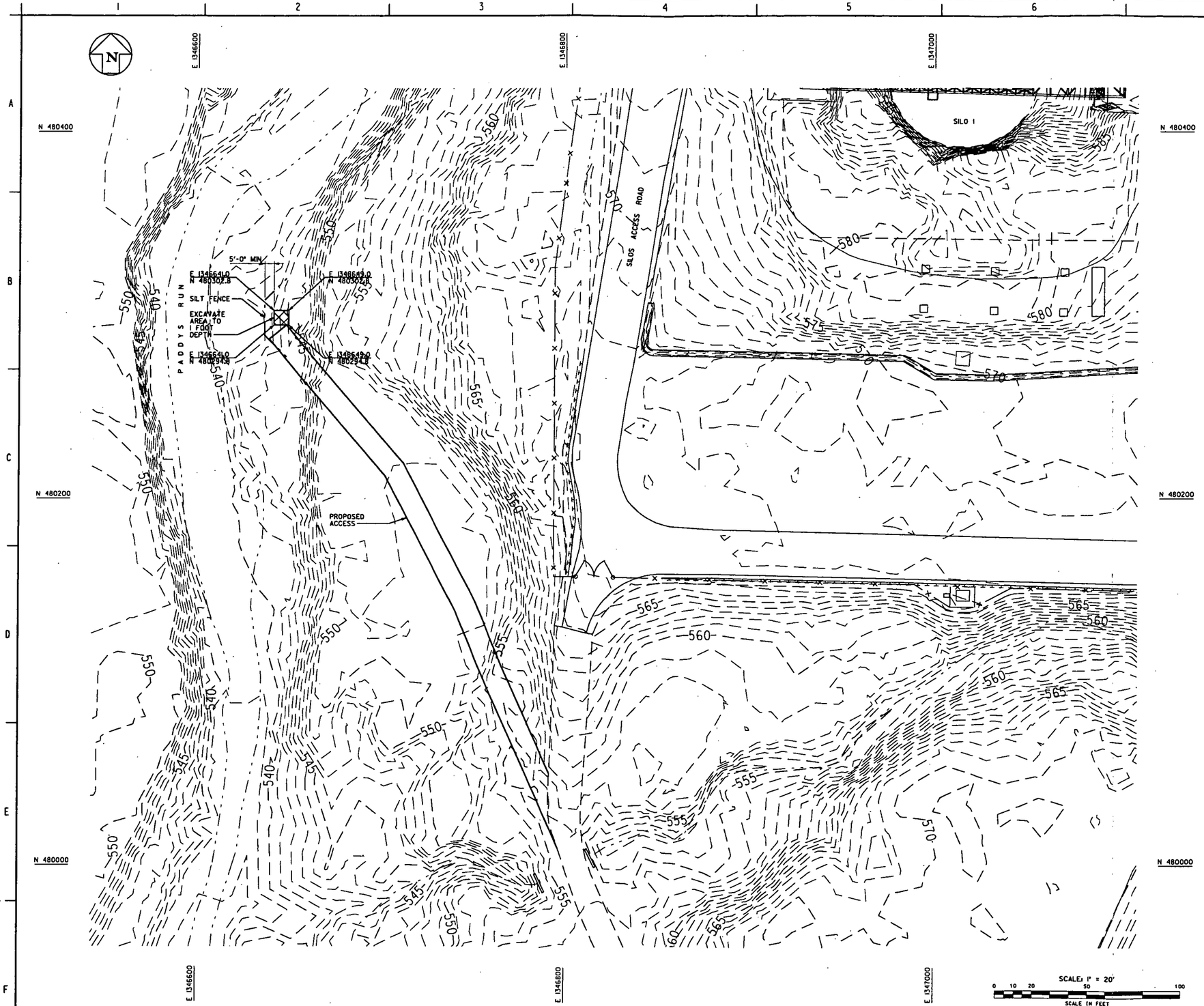

PRELIMINARY
NOT FOR CONSTRUCTION

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. TECHNICAL SPECIFICATION REQUIREMENTS ARE APPLICABLE WHERE PERTINENT TO REMEDIAL ACTIVITY SCOPE SHOWN ON CONSTRUCTION DRAWINGS.
2. FOR CIVIL DETAILS SEE DRAWING 99X-5500-G-00840.
3. EXCAVATE IMPACTED SOIL TO THE COORDINATES AND DEPTHS SHOWN IN ACCORDANCE WITH TECHNICAL SPECIFICATION SECTION 02205.
4. SEED AFFECTED AREAS USING PERMANENT SEED MIX PER OSDF TECHNICAL SPECIFICATION SECTION 02930.

REV. NO.	ISSUE OR REVISION PURPOSE - DESCRIPTION	DATE	REV. BY	APPR.
A	ISSUED FOR INTERNAL REVIEW			

INITIALS AND DATE

UNITED STATES DEPARTMENT OF ENERGY
FERNALD CLOSURE PROJECT

THIS DRAWING PREPARED BY
FLUOR FERNALD, INC.

PROJECT NAME
SOIL REMEDIATION

DRAWING TITLE
STREAM CORRIDORS REMEDIATION PROJECT
PADDYS RUN WEST OF SILO I
GRADING PLAN

APPROVALS

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

DRAWN BY	PROJECT NO.	DRAWING INDEX CODE NO.	SHEET NO.	REV. NO.
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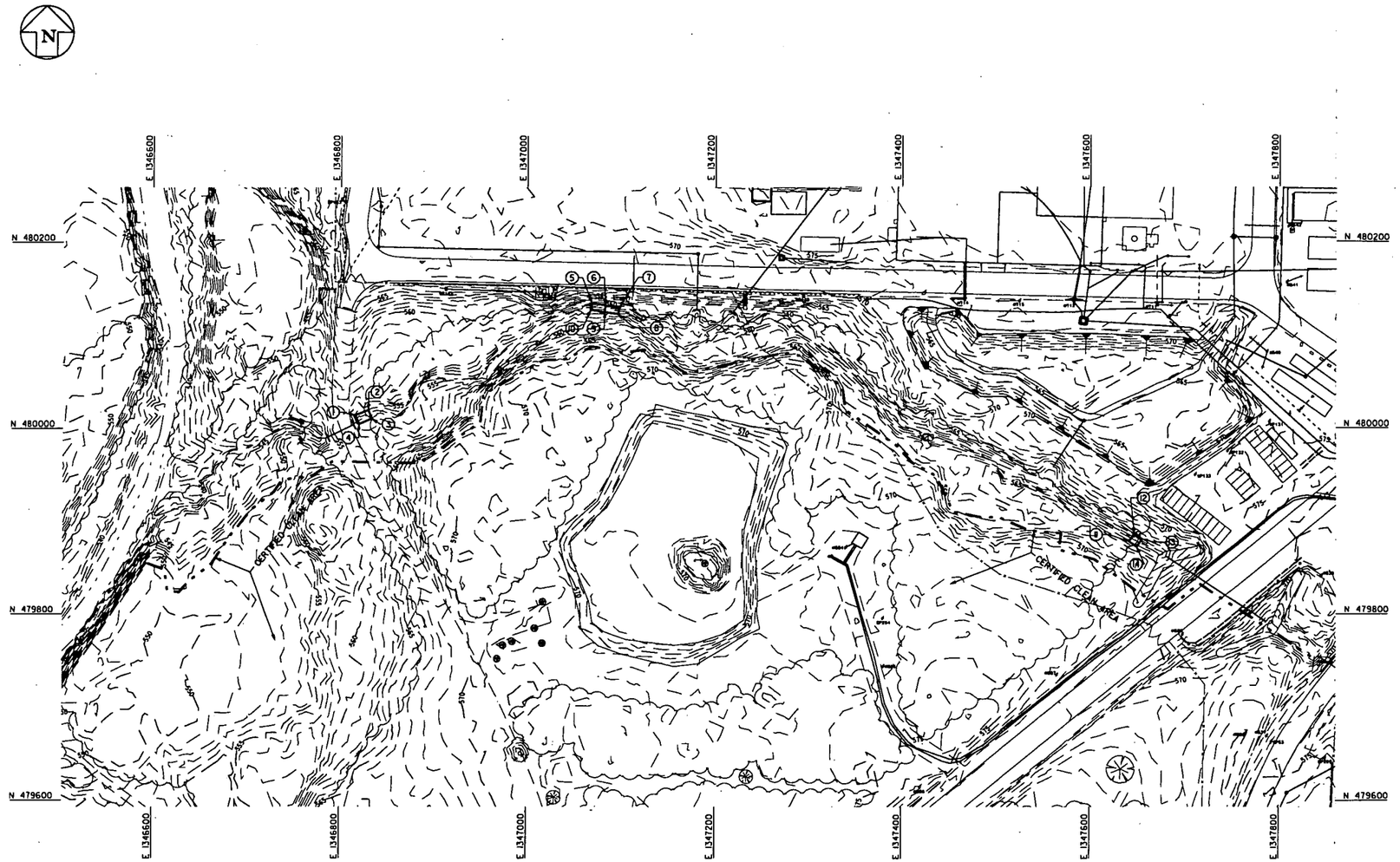

AREA BOUNDARIES FOR SOIL REMOVAL							
PT. NO.	NORTHING	EASTING	DEPTH	PT. NO.	NORTHING	EASTING	DEPTH
1	480014.3	1346816.0	3.0'	8	480122.9	1347095.9	4.0
2	480019.9	1346829.9	3.0'	9	480125.2	1347081.4	4.0',1.0'
3	480010.6	1346833.7	3.0'	10	480127.5	1347067.0	1.0'
4	480005.0	1346819.7	3.0'	11	479886.1	1347646.7	1.0'
5	480134.4	1347068.1	1.0'	12	479877.9	1347641.1	1.0'
6	480132.1	1347082.6	1.0',4.0'	13	479880.5	1347654.9	1.0'
7	480129.8	1347097.0	4.0'	14	479872.3	1347649.3	1.0'

0 10 20 50 75 100 150 200 250
SCALE IN FEET

PRELIMINARY
NOT FOR CONSTRUCTION

GENERAL NOTES

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2. EXCAVATE IMPACTED SOIL TO THE COORDINATES AND DEPTHS SHOWN IN ACCORDANCE WITH TECHNICAL SPECIFICATION SECTION 02205.
3. THE LOCATIONS OF EXISTING STRUCTURES AND UTILITIES ARE APPROXIMATE. IF UNIDENTIFIED UTILITIES ARE DISCOVERED, PROCEED AS DIRECTED BY THE CONSTRUCTION MANAGER.

REV. NO.	ISSUE OR REVISION PURPOSE - DESCRIPTION	DATE	REV. BY	APPR.
A	ISSUED FOR INTERNAL REVIEW			

INITIALS AND DATE

UNITED STATES DEPARTMENT OF ENERGY
FERNALD CLOSURE PROJECT

THIS DRAWING PREPARED BY
FLUOR FERNALD, INC.

PROJECT NAME
SOIL REMEDIATION

DRAWING TITLE
PILOT PLANT DRAINAGE DITCH
GRADING PLAN

APPROVALS

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

DRAWN BY	PROJECT NO.	DRAWING INDEX CODE NO.	SHEET NO.	REV. NO.
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