CERTIFICATION DESIGN LETTER FOR AREA 6 SITEWIDE RAIL LINE SYSTEM

FERNALD CLOSURE PROJECT
FERNALD, OHIO

OCTOBER 2006

U.S. DEPARTMENT OF ENERGY

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LIST OF ACRONYMS AND ABBREVIATIONS

ASCOC	area-specific constituent of concern
ASL	analytical support level
CDL	Certification Design Letter
COC	constituent of concern
CRDL	contract required detection limit
CU	certification unit
DOE	U.S. Department of Energy
ECOC	ecological constituent of concern
EPA	U.S. Environmental Protection Agency
FCP	Fernald Closure Project
FRL	final remediation level
FS	Feasibility Study
FTF	Fire Training Facility
MDL	minimum detectable level
mg/kg	milligrams per kilogram
OEPA	Ohio Environmental Protection Agency
OU	Operable Unit
PAHs	polyaromatic hydrocarbons
pCi/g	picoCuries per gram
PSP	Project Specific Plan
RI/FS	Remedial Investigation/Feasibility Study
RLS	Rail Line System
ROD	Record of Decision
SED	Sitewide Environmental Database
SEP	Sitewide Excavation Plan
UCL	Upper Confidence Limit
V/FCN	Variance/Field Change Notice
VSL	validation support level
WAC	waste acceptance criteria

EXECUTIVE SUMMARY

This Certification Design Letter (CDL) describes the certification approach for the Sitewide Rail Line System. The following information is included:

- The boundary of the Sitewide Rail Line System and a description of the areas to be certified under the guidance of this CDL;
- A discussion of historical data from the area proposed for certification;
- A discussion of the area-specific constituent of concern (ASCOC) selection process and list of ASCOCs assigned to Sitewide Rail Line System;
- A presentation of the certification unit (CU) boundaries;
- The analytical requirements and the statistical methodology employed; and
- The proposed schedule for the certification activities.

The Sitewide Rail Line System is approximately 17.6 acres. The Sitewide Rail Line System is comprised of the Operable Unit (OU) 1 Railyard, which is situated in the northeast portion of Area 6, and the rail lines located in Area 6 and Area 7. A small portion of the rail line that leads to and from the Fernald Closure Project (FCP) is located in the northern portion of the Area 6 Triangle Area, located just west of Paddys Run Road.

The certification design presented in this CDL follows the general approach outlined in Section 3.4 of the Sitewide Excavation Plan (DOE 1998). It differs in that this certification effort will not only include the soil underneath the rail line but will also include the areas of old ballast underneath the rail line as well. The existing data collected as precertification data will be used for certification. The selection of ASCOCs was accomplished using constituent of concern (COC) lists in the Operable Unit 5 Record of Decision (DOE 1996), previous investigation data, and process knowledge. Total uranium, thorium-228, thorium-232, radium-226, and radium-228 (the sitewide primary radiological COCs) are considered ASCOCs in each CU. Secondary COCs are identified for specific CUs within the certification area. No further soil remediation or characterization is needed because the precertification data demonstrate this area will pass the certification requirements.

1.0 INTRODUCTION

This Certification Design Letter (CDL) describes the certification approach for demonstrating that soil and areas of old ballast under the Sitewide Rail Line System meets the final remediation levels (FRLs) for all area-specific constituents of concern (ASCOC). The format of this CDL follows guidelines presented in the Sitewide Excavation Plan (SEP, DOE 1998). Accordingly, this CDL consists of the following sections:

1.0 Introduction - Presentation of the purpose, objectives, and scope of this CDL

2.0 Historical and Precertification Data - Discussion of historical soil data and presentation of precertification data from the Sitewide Rail Line System

3.0 Area-Specific Constituents of Concern - Discussion of selection criteria and ASCOCs for the Sitewide Rail Line System

4.0 Certification Approach - Presentation of design, sampling and analytical methodologies

5.0 Schedule

References

Appendix A Variance/Field Change Notices To The Certification Design Letter for Area 6 Sitewide Rail Line system

Appendix B Sitewide Rail Line System Sample Locations and Identifiers

Appendix C V/FCNS 20600-PSP-0016-48, 20600-PSP-0016-101, 20600-PSP-0016-106, 20600-PSP-0016-107, and 20600-PSP-0016-109, 20600-PSP-0016-110

Appendix D Precertification Data

1.1 OBJECTIVES

The primary objectives of this document are to:

- Define the boundaries of the area to be certified under the guidance of this CDL;
- Define the ASCOC selection process and list the selected Sitewide Rail lines ASCOCs;
- Present the certification unit (CU) boundaries;
- Summarize the analytical requirements and the statistical methodology that will be employed;
- Present the proposed schedule for the certification activities;

1.2 SCOPE AND AREA DESCRIPTION

The Sitewide Rail Line System is approximately 17.6 acres. The Sitewide Rail Line System is comprised of the Operable Unit (OU) 1 Railyard, which is situated in the northeast portion of Area 6, and the rail lines located in Area 6 and Area 7. A small portion of the rail line that leads to and from the FCP is located in the northern portion of the Area 6 Triangle Area, located just west of Paddys Run Road. The scope of this CDL includes details of certification sampling, analysis, and validation that took place of the soil and the old ballast that lie underneath the Sitewide Rail Line System. Figure 1-1 depicts the area to be certified under this CDL.

This CDL differs from that of a typical CDL in that the precertification data will be used to demonstrate that the soil and areas of old ballast that are underneath the Sitewide Rail Line System is ready for certification. Furthermore, upon approval of this document by the United States and Ohio Environmental Protection Agencies, the data will be presented in a certification report to comply with all certification protocols.

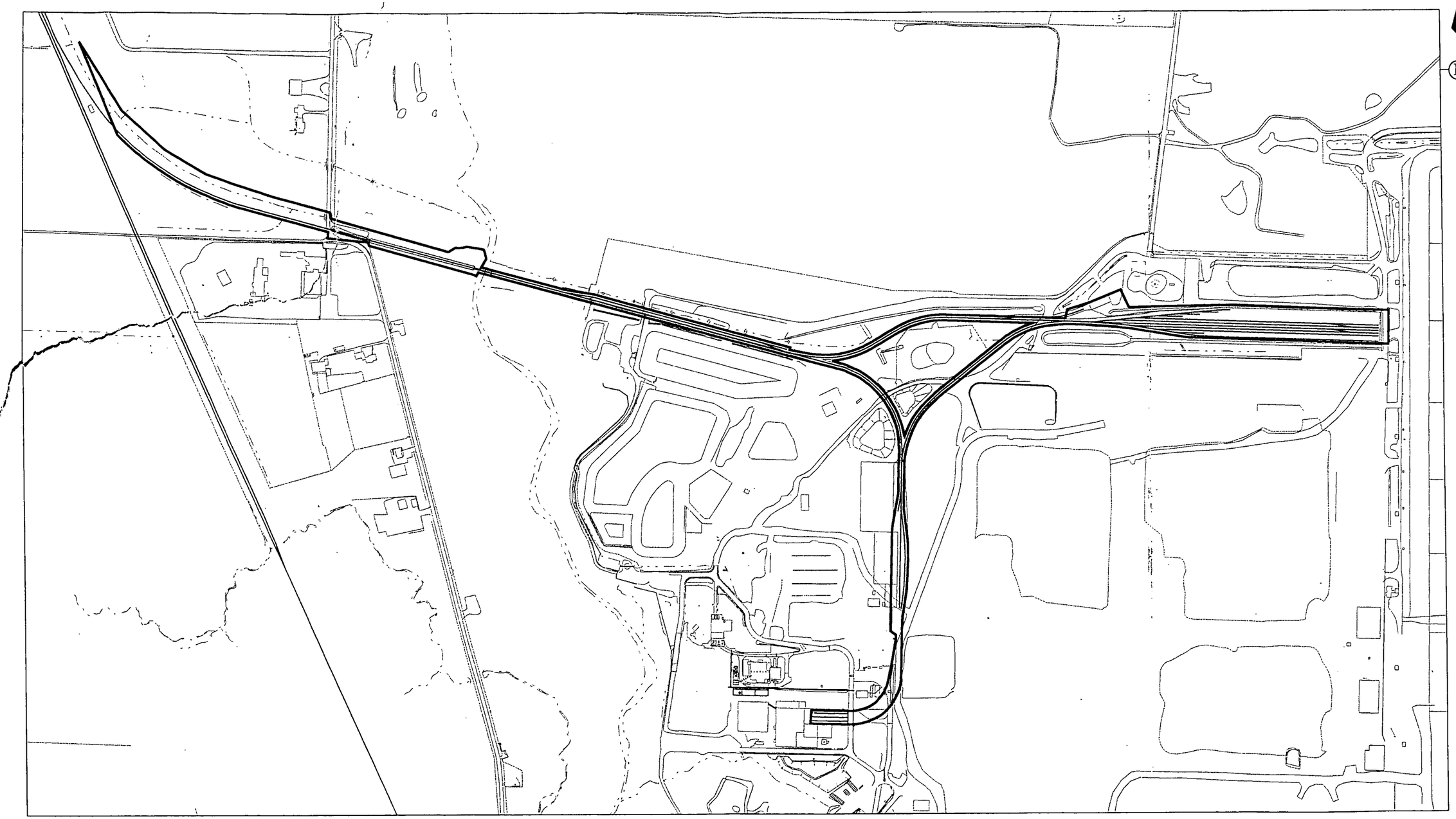

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FIGURE 1-1. SITEWIDE RAIL LINE SYSTEM LOCATION MAP

2.0 HISTORICAL AND PRECERTIFICATION DATA

In accordance with the SEP, prior to conducting precertification and certification activities, all soil and ballast demonstrated to contain contamination above the associated FRLs or other applicable action levels must be evaluated for remedial actions.

In addition to the Predesign Investigations, the Remedial Investigation Report (RI, DOE 1995a), and Feasibility Study Report (FS, DOE 1995b) for OU 5 were used for remedial design of Areas 6 and 7. Predesign sampling data have been collected pursuant to the RI/FS.

Before initiating the certification process, all historical soil data within the boundary of the Sitewide Rail Line System certification area was pulled from the Sitewide Environmental Database (SED), and it is summarized in Section 2.1. Based on the results of sampling activities summarized below, it has been determined that no remedial actions are necessary to remove above-FRL or above-WAC soil.

2.1 SITEWIDE RAIL LINE SYSTEM HISTORICAL AND PREDESIGN DATA

All historical data are discussed in the Post-Excavation As-Built Report for Area 7, Phase I (DOE 2004), the Excavation Plan for Area 6 Waste Pits and General Area (DOE 2005a), the Excavation Plan for Area 7 Silos and General Area (DOE 2005b), and the Excavation Plan for Area 7 Support and Silos Process Area (DOE 2005c). These include data collected during the RI/FS and various predesign investigations.

As discussed in the Area 6 Subarea 1 Predesign PSP (DOE 2005d), a field survey investigation of the historical topography of the railyard versus the current soil elevation was completed. During the construction of the railyard, a surface scrape was performed over much of the area, which is expected to have removed any surface contamination. Based on the field survey investigation, the eastern half of the railyard, which could not be investigated during predesign due to rail operations, was cut up to four feet. This confirmed the original assumption.

The western half of the railyard was available for investigation. The newly collected samples in the western half did not reproduce the historical above-FRL conditions. However, based on recent survey information, the western half of the railyard was filled with up to three feet of soil. The source of the soil used for fill is unknown. Some of the predesign samples placed in the western half were taken of this fill, and they demonstrated no above-FRL condition.

Therefore, the soil beneath the railyard as a whole is considered to be below-FRL and will not be excavated. As a conservative measure, however, in the Excavation Plan for Area 6 Waste Pits and General Area, the DOE committed to use a stratified certification effort, with the fill soil being a unique CU and the

native soil beneath the fill being a unique CU. This stratified certification is discussed further in Section 4.0.

Additional predesign borings placed along the remaining rail line to either investigate historical above-FRL or above-WAC borings did not confirm the historical conditions. New investigational predesign borings to fill data gaps also exhibited below-FRL conditions. Therefore, there were no designed above-WAC or above-FRL area excavations planned for the Sitewide Rail Line System.

The ballast underneath the rail lines has not previously been sampled.

2.2 SITEWIDE RAIL LINE SYSTEM PRECERTIFICATION DATA

Real-time precertification activities will be completed to evaluate residual radiological contamination. Precertification within the Sitewide Rail Line System will take place on the soil, the old ballast, and ballast located in the railcar load out areas. Scanning of the ballast is based upon discussions with OEPA at a TIE Meeting held on July 28, 2006. The real-time precertification scanning results of the soil are provided in Appendix A and the results for the ballast are provided in Appendix B.

3.0 AREA-SPECIFIC CONSTITUENTS OF CONCERN

In the OU5 Record of Decision (ROD, DOE 1996), there are 80 soil constituents of concern (COCs) with established FRLs. These COCs were retained for further investigation based on a screening process that considered the presence of the constituent in site soil and the potential risk to a receptor exposed to soil containing this contaminant. In spite of the conservative nature of this COC retention process, many of the COCs with established FRLs have a limited distribution in site soil or the presence of the COC is based on high contract required detection limits (CRDLs). When FRLs were established for these COCs in the OU5 ROD, the FRLs were initially screened against site data presented on spatial maps to establish a picture of potential remediation areas.

By reviewing existing RI/FS data presented on spatial distribution maps, the sitewide list of soil COCs in the OU5 ROD was reduced from 80 to 30. This reduction was possible because the majority of the COCs with FRLs listed in the OU5 ROD have no detections above their corresponding FRL, thus eliminating them from further consideration. The 30 remaining sitewide COCs account for over 99 percent of the combined risk to a site receptor model, and they comprise the list from which all of the remediation ASCOCs are drawn. When planning certification for a remediation area, additional selection criteria are used to derive a subset of these 30 COCs. This subset of COCs is passed along to the certification process.

3.1 SELECTION CRITERIA

The selection process for retaining ASCOCs for a remediation area is driven by applying a set of decision criteria. A soil contaminant will be retained as an ASCOC if:

- It is listed as a soil COC in the OU5 ROD, and it is listed as an ASCOC in Table 2-7 of the SEP for the Remediation Area of interest;
- It is listed as a COC for a hazardous waste management unit that lies within the certification area boundary;
- It can be traced to site use in the remediation area of interest, either through process knowledge or known release of the constituent to the environment;
- Analytical results indicate that a contaminant is present above its FRL, and the above-FRL concentrations are not attributable to false positives or elevated CRDLs;
- Physical characteristics of the contaminant, such as degradation rate and volatility, indicate it is likely to persist in the soil between time of release and remediation; or
- The contaminant is one of the sitewide primary COCs (total uranium, radium-226, radium-228, thorium-238, and thorium-232).

Using the above process, the ASCOCs were refined to those listed in Table 2-7 of the SEP. The list of ASCOCs is also presented in Table 3-1.

3.1.1 ASCOC Selection

Since the Sitewide Rail Line System boundary falls within both Area 6 and Area 7, and is situated adjacent to certified Area 1 (Phase I and Phase III Part 2) and Area 8 (Phase II and III), each COC on the Remediation Area 1, Remediation Area 6, Remediation Area 7, and Remediation Area 8 ASCOC list was evaluated for its relevance to the Sitewide Rail Line System. Additionally, portions of the rail line run near the former Fire Training Facility (FTF) and former Solid Waste Landfill (SWL), both of which are included in Remediation Area 6. Table 3-1 presents the ASCOCs for Remediation Area 1, Remediation Area 6, Remediation Area 7, and Remediation Area 8. Table 3-1 also lists the reasoning for retaining each ASCOC. The ASCOCs carried through the Sitewide Rail Line System CUs reflect the ASCOCs for adjacent Remediation Areas as well as the FTF and SWL. Table 3-2 presents the final list of ASCOCs that will be retained for the soil certification units in the Sitewide Rail Line System.

TABLE 3-1
ASCOC LIST FOR REMEDIATION AREAS 1, 6, 7, AND 8[a]

ASCOC	Retained as ASCOC?	Justification
Radionuclides		
Total Uranium	Yes	Is a Sitewide primary COC
Radium-226	Yes	Is a Sitewide primary COC
Radium-228	Yes	Is a Sitewide primary COC
Thorium-228	Yes	Is a Sitewide primary COC
Thorium-232	Yes	Is a Sitewide primary COC
Cesium-137	Yes	Is an ASCOC in adjacent Waste Pits, FTF
Lead-210	No	Not detected near rail line
Neptunium-237	Yes	Is an ASCOC in adjacent FTF and SWL
Technetium-99	Yes	Is an ASCOC in adjacent Waste Pits, FTF and SWL
Thorium-230	Yes	Is an ASCOC in adjacent Waste Pits, FTF
Organics		
1,1-Dichloroethene	Yes	Is an ASCOC in adjacent Waste Pits, FTF
Aroclor-1254	Yes	Is an ASCOC in adjacent Area1, Waste Pits, FTF, SWL
Aroclor-1260	Yes	Is an ASCOC in adjacent Area1, Waste Pits, FTF, SWL
Benzo(a)anthracene	Yes	Is an ASCOC in adjacent SWL
Benzo(a)pyrene	Yes	Is an ASCOC in adjacent FTF and SWL
Benzo(b)fluoranthene	Yes	Is an ASCOC in adjacent FTF and SWL
Bromodichloromethane	Yes	Is an ASCOC in adjacent Waste Pits
Carbazole	Yes	Is an ASCOC in adjacent SWL
Dibenzo(a,h)anthracene	Yes	Is an ASCOC in adjacent FTF and SWL
Dieldrin	Yes	Is an ASCOC in adjacent Waste Pits, FTF, SWL
Heptachlorodibenzo-p-dioxin	Yes	Is an ASCOC in adjacent Waste Pits and SWL
Indeno(1,2,3-cd)pyrene	Yes	Is an ASCOC in adjacent FTF and SWL
Octochlorodibenqo-p-dioxin	Yes	Is an ASCOC in adjacent Waste Pits and SWL
Tetrachloroethene	Yes	Is an ASCOC in Waste Pits, FTF
Inorganic		
Arsenic	Yes	Is an ASCOC in adjacent Area1, Waste Pits, FTF, SWL
Beryllium	Yes	Is an ASCOC in adjacent Area1, Waste Pits, FTF, SWL
Fluoride	Yes	Is an ASCOC in adjacent Waste Pits and SWL
Lead	Yes	Not detected near rail line
Manganese	Yes	Not detected near rail line
Ecological		
Antimony	Yes	Is an ECOC in Area 6 per Appendix C of the SEP
Cadmium	Yes	Is an ECOC in Area 6 per Appendix C of the SEP
Lead	No	Not an ECOC per Appendix C of the SEP
Molybdenum	No	Not an ECOC per Appendix C of the SEP
Silver	Yes	Is an ECOC in Area 6 per Appendix C of the SEP

TABLE 3-1
ASCOC LIST FOR REMEDIATION AREAS 1, 6, 7, AND 8[a]

ASCOC	Retained as ASCOC?	Justification
Ecological (continued)		
Benzo(a)anthracene	Yes	Is an ECOC in Area 6 per Appendix C of the SEP
Benzo(a)pyrene	Yes	Is an ECOC in Area 6 per Appendix C of the SEP
Benzo(k)fluoranthene	Yes	Is an ECOC in Area 6 per Appendix C of the SEP
Benzo(g,h,i)perylene	Yes	Is an ECOC in Area 6 per Appendix C of the SEP
Benzo(k)fluoranthene	Yes	Is an ECOC in Area 6 per Appendix C of the SEP
Chrysene	Yes	Is an ECOC in Area 6 per Appendix C of the SEP
Dibenzo(a,h)anthracene	Yes	Is an ECOC in Area 6 per Appendix C of the SEP
Fluoranthene	Yes	Is an ECOC in Area 6 per Appendix C of the SEP
Indeno(1,2,3-cd)pyrene	Yes	Is an ECOC in Area 6 per Appendix C of the SEP
Phenanthrene	Yes	Is an ECOC in Area 6 per Appendix C of the SEP
Pyrene	Yes	Is an ECOC in Area 6 per Appendix C of the SEP

[a]As listed in Table 2-7 of the SEP.

ECOC - ecological constituent of concern

TABLE 3-2
FINAL ASCOC LIST FOR THE SITEWIDE RAIL LINE SYSTEM

	ASCOCs																														
CU	Radium-226	Radium-228	Thorium-228	Thorium-232	Total Uranium	Technetium-99	Cesium-137	Thorium-230	Antimony	Arsenic	Beryllium	Cadmium	Silver	Fluoride	Aroclor-1254	Aroclor-1260	Dieldrin	Carbazole	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene	Bromodichloromethane	1,1-Dichloroethene	Tetrachloroethene
1	X	X	X	X	X					X	X				X	X																
2	X	X	X	X	X					X	X				X	X																
3	X	X	X	X	X					X	X				X	X																
4	X	X	X	X	X	X		X		X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X		X		X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X			X	X	X		X	X	X	X		X	X	X	X				X		X					
7	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X	X	X				X		X					
8	X	X	X	X	X	X		X	X			X			X	X																
9	X	X	X	X	X	X			X		X																					
10	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X			X	X				X		X			X	X	X
11	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X			X	X				X		X			X	X	X
12	X	X	X	X	X																											
13	X	X	X	X	X																											
14	X	X	X	X	X																											
15	X	X	X	X	X																											
16	X	X	X	X	X																											

4.0 CERTIFICATION APPROACH

The certification design for the Sitewide Rail Line System differs from the typical certification effort as physical precertification soil samples have been collected from this area per Variance/Field Change Notices (V/FCNs) 20600-PSP-0016-48 and 20600-PSP-0016-110. Physical precertification ballast samples have been collected from this area per V/FCNs 20600-PSP-0016-101, 20600-PSP-0016-106, 20600-PSP-0016-107, and 20600-PSP-0016-109. The precertification sampling V/FCNs are provided in Appendix C.

The soil sampling approach was consistent with the certification criteria established in the SEP, including CU size, minimum distance between points, analytical support levels as well as validation of all analytical data. Based upon the consistency with the SEP, the precertification physical samples that have been collected will be used for final certification. This approach is consistent with other approved certification efforts such as the former Impacted Material Haul Road in Area 2, Phase II – Subarea 3. All previously collected precertification data will be used for the statistical analysis summarized in tables presented in the Certification Report.

4.1 SOIL SAMPLES

The precertification soil samples were collected under V/FCNs 20600-PSP-0016-48 and 20600-PSP-0016-110, and described in sections 4.1.1 and 4.1.2, respectively. The data are provided in Appendix D.

4.1.1 V/FCN 20600-PSP-0016-48

4.1.1.1 Certification Unit Design

The certification design for the samples collected under V/FCN 20600-PSP-0016-48 follows the general approach outlined in Section 3.4 of the SEP. The CU design for V/FCN 20600-PSP-0016-48 is depicted on Figures 4-1 and 4-2. Many factors were taken into consideration when determining the boundaries for each CU under V/FCN 20600-PSP-0016-48. These factors include: historical land use, proximity to other areas of the site, and residual COC data. Additionally, some areas along the Sitewide Rail Line System are considered to be impacted areas. Therefore, this design will be comprised of 16 Group 1 CUs to allow for more concentrated sampling and ensure activities that took place within the Sitewide Rail Line System had no effect on the soil.

4.1.1.2 Certification Sample Design

The selection of precertification sampling locations was conducted according to Section 3.4.2 of the SEP. The sub-CUs and planned precertification sampling locations are shown on Figures 4-3 through 4-11.

4.1.1.3 Physical Soil Sample Collection

All CUs, with the exception of RLS-01 through RLS-05, required sampling of native soil. Due to evidence of fill in the western half of the railyard, CUs RLS-01 through RLS-05 required stratified certification; where both the fill material and the native soil were be sampled. Based on topography evaluations completed during predesign, the sampling depth for the native soil was defined for each sample location, as noted in V/FCN 20600-PSP-0016-48 in Appendix C. The top 0 to 6 inches of each soil type was collected. Four of the 16 sample locations were designated with a "V," indicating archive sample locations, which were not collected. One sample location in each CU was designated with a "D," indicating a field duplicate sample collection location.

4.1.2 V/FCN 20600-PSP-0016-110

V/FCN 20600-PSP-0016-110 was written to certify the soil under the rail trestle that was built over Paddys Run Creek. Six locations on each side of the Paddys Run bank were identified for sampling. The sample locations were field located in an effort to avoid concrete and any sand/silt material deposited due to stream flows. The top 0 to 6 inches of soil was sampled. The sample locations are shown on Figure 4-12. See Appendix C for complete V/FCN details.

4.2 BALLAST SAMPLES

The ballast samples were collected under V/FCNs 20600-PSP-0016-101, 20600-PSP-0016-106, 20600-PSP-0016-107, and 20600-PSP-0016-109, which are described in sections 4.2.1 through 4.2.4, respectively. The data are provided in Appendix D.

Unlike soil samples collected along the Sitewide Rail Line System, the ballast sampling was originally designed as a means to characterize the areas of old ballast for disposition options. There was not a set CU design established prior to sampling. Upon review of the sample locations, it was determined that there would be two CUs, one on the west side of Paddys Run and one on the east side of Paddys Run, shown on Figures 4-13 and 4-14, respectively.

Samples collected from the new ballast in the railyard area, shown on Figure 4-15 and discussed in Section 4.2.2, were collected to assess arsenic and PAH levels in ballast, and not to be used for the purpose of certification.

4.2.1 V/FCN 20600-PSP-0016-101

Samples collected under V/FCN 20600-PSP-0016-101 were of ballast situated along the portions of track that ran north from the northwest corner of the former Lime Sludge Pond and then northwest to Paddys Run Road. The sample locations were chosen randomly prior to sampling. The data objective for this sampling event was to characterize the ballast to assess disposition options.

Sampling was completed using a Geoprobe® to core through the entire depth of ballast. The core of ballast material was then scanned using a beta/gamma frisker. If an interval scanned greater than 450 ccpm, the sample was collected from the 12-inch interval with highest ccpm. If the ballast contained visible staining, a sample was biased towards the 12-inch interval around the stained ballast. If the core of ballast scanned less than 450 ccpm, and there was no evidence of staining, the sample was collected from the 12-inch interval that represented the middle of the core. These samples were analyzed at ASL B. See Appendix C for complete V/FCN details. Sample location BLST-1 was not sampled as no ballast was at that location.

4.2.2 V/FCN 20600-PSP-0016-106

V/FCN 20600-PSP-0016-106 was written to collect twelve ballast samples from the surface of the railyard. The sample locations were field located due to accessibility issues. The samples were collected for arsenic and PAHs, based upon discussion with OEPA at a TIE Meeting held on July 28, 2006. These samples were analyzed at ASL B. See Figure 4-15 for the sample locations, and see Appendix C for complete V/FCN details.

4.2.3 V/FCN 20600-PSP-0016-107

Samples collected under V/FCN 20600-PSP-0016-107 were to characterize the ballast located between the Paddys Run Trestle and the FCP Gate, to assess the possibility of disposition of the ballast to a local company. Again, due to obstacles in the area designated for sampling, the 16 sample locations were field located. The sample collection method was similar to that listed under V/FCN 20600-PSP-0016-101. See Appendix C for complete V/FCN details.

4.2.4 V/FCN 20600-PSP-0016-109

Due to accessibility issues for samples collected under V/FCN 20600-PSP-0016-107, four surface ballast samples were collected under V/FCN 20600-PSP-0016-109 from the section of track that is west of the FCP Gate, and four surface ballast samples were collected from the section of track that is just north of the former Solid Waste Landfill. See Appendix C for complete V/FCN details.

4.3 ANALYTICAL METHODOLOGY

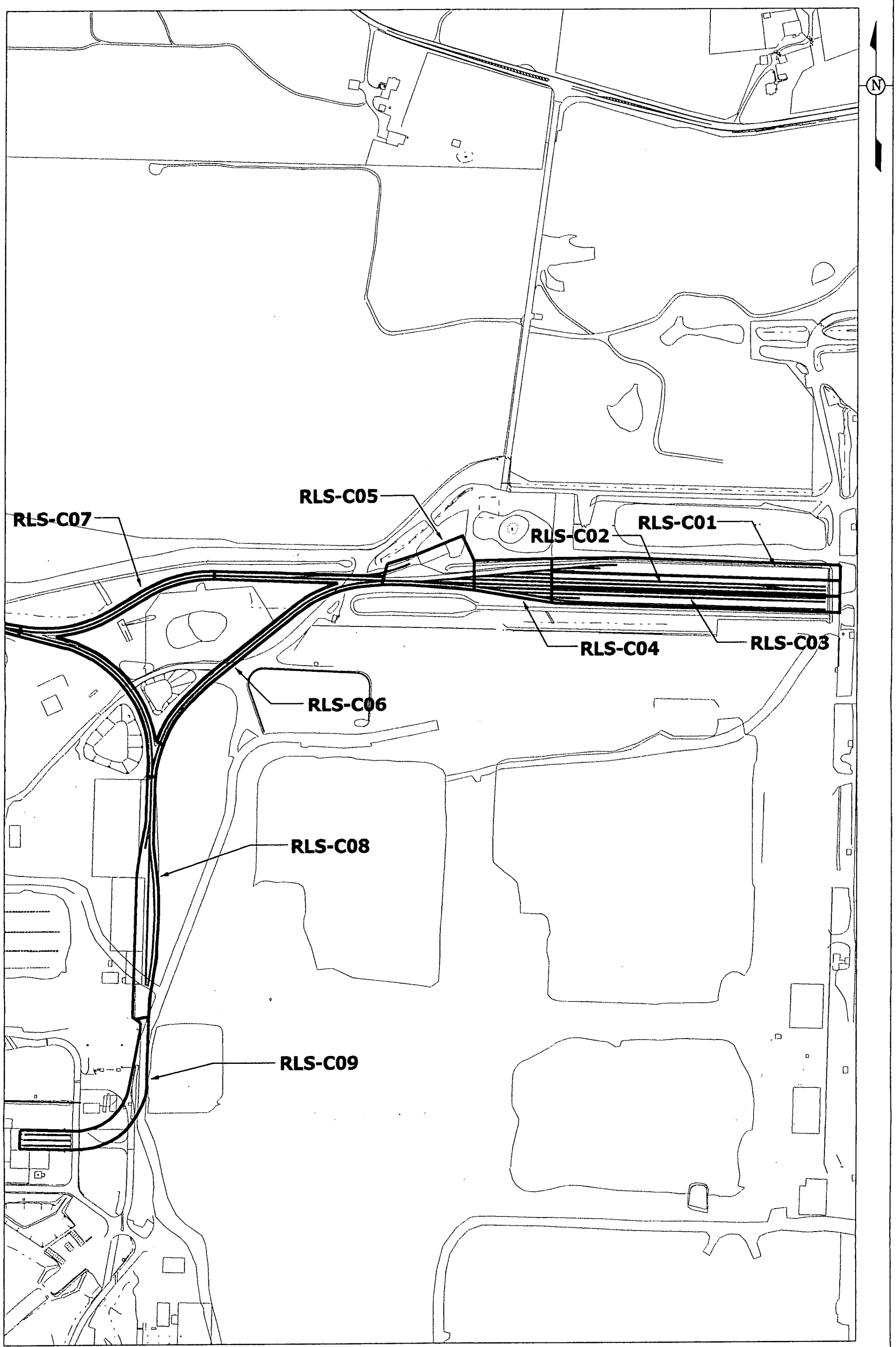
Laboratory analysis of precertification samples was conducted using an approved analytical method, as discussed in Appendix H of the SEP. Soil analyses were conducted to Analytical Support Level (ASL) D or E, where all requirements for ASL E are the same as ASL D except the minimum detection level (MDL) for the selected analytical method must be at least 10 percent of the FRL.

A minimum of 10 percent of the laboratory data was validated to Validation Support Level (VSL) D with the remainder validated to VSL B. Samples rejected during validation were re-analyzed, or an archive sample was collected and submitted for analysis. Once data were validated, results were entered into the SED and a statistical analysis performed to evaluate the pass/fail criteria for each CU. The statistical approach is discussed in Section 3.4.3 and Appendix G of the SEP, and summarized below.

4.4 STATISICICAL ANALYSIS

Two criteria must be met for the CU to pass certification. If the data distribution is normal or lognormal, the first criterion compares the 95 percent Upper Confidence Limit (UCL) on the mean of each primary ASCOC to its FRL. On an individual CU basis, any ASCOC with the 95 percent UCL above the FRL results in that CU failing certification. If the data distribution is not normal or lognormal, the appropriate nonparametric approach discussed in Appendix G of the SEP will be used to evaluate the first criterion. The second criterion is related to individual samples. An individual sample cannot be greater than two times the FRL (the hot spot criterion). When the given UCL on the mean for each ASCOC is less than its FRL, and the hot spot criterion is met, the CU has met both criteria and will be considered certified.

There are three conditions that could result in a CU failing certification: 1) high variability in the data set; 2) localized contamination; and 3) widespread contamination. Details on the evaluation and responses to these possible outcomes are provided in Section 3.4.5 of the SEP. All CUs within the scope of this CDL have passed certification, and a Certification Report will be issued upon approval of this CDL. The certification report will be submitted to the U.S. Environmental Protection Agency (EPA) and Ohio Environmental Protection Agency (OEPA) to receive acknowledgement that the pertinent OU remedial actions were completed and the individual CUs are certified and ready to be released for interim or final land use. Section 7.4 of the SEP provides additional details and describes the required content of the Certification Report.



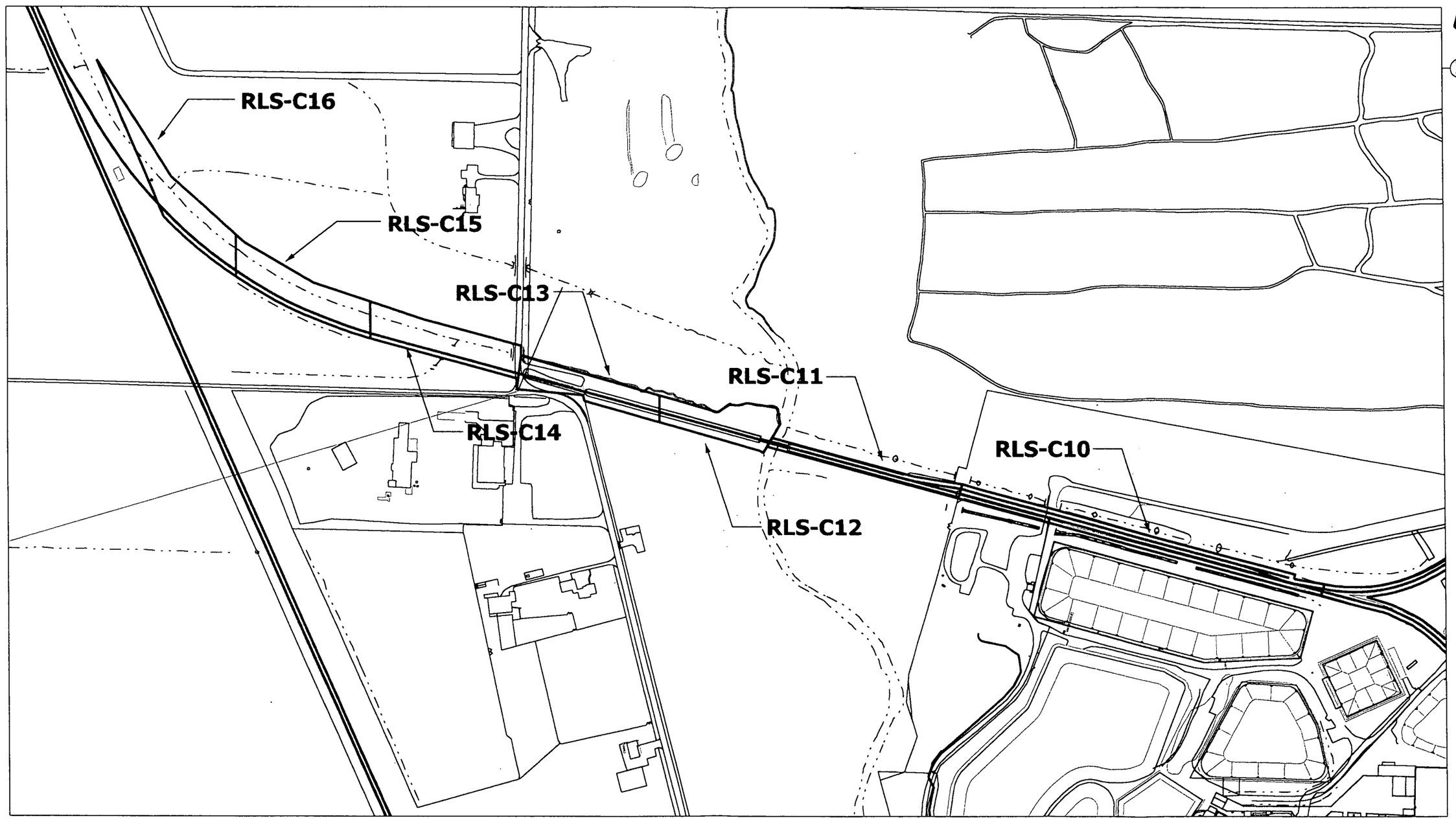
LEGEND:

SCALE

350 175 0 350 FEET

FIGURE 4-1. SITEWIDE RAIL LINE SYSTEM PRECERTIFICATION AREA BOUNDARIES (CUs 1-9)

V:\02fm12\dgn\ecoll_002.dgn
STATE PLANAR COORDINATE SYSTEM 1983
20-OCT-2006



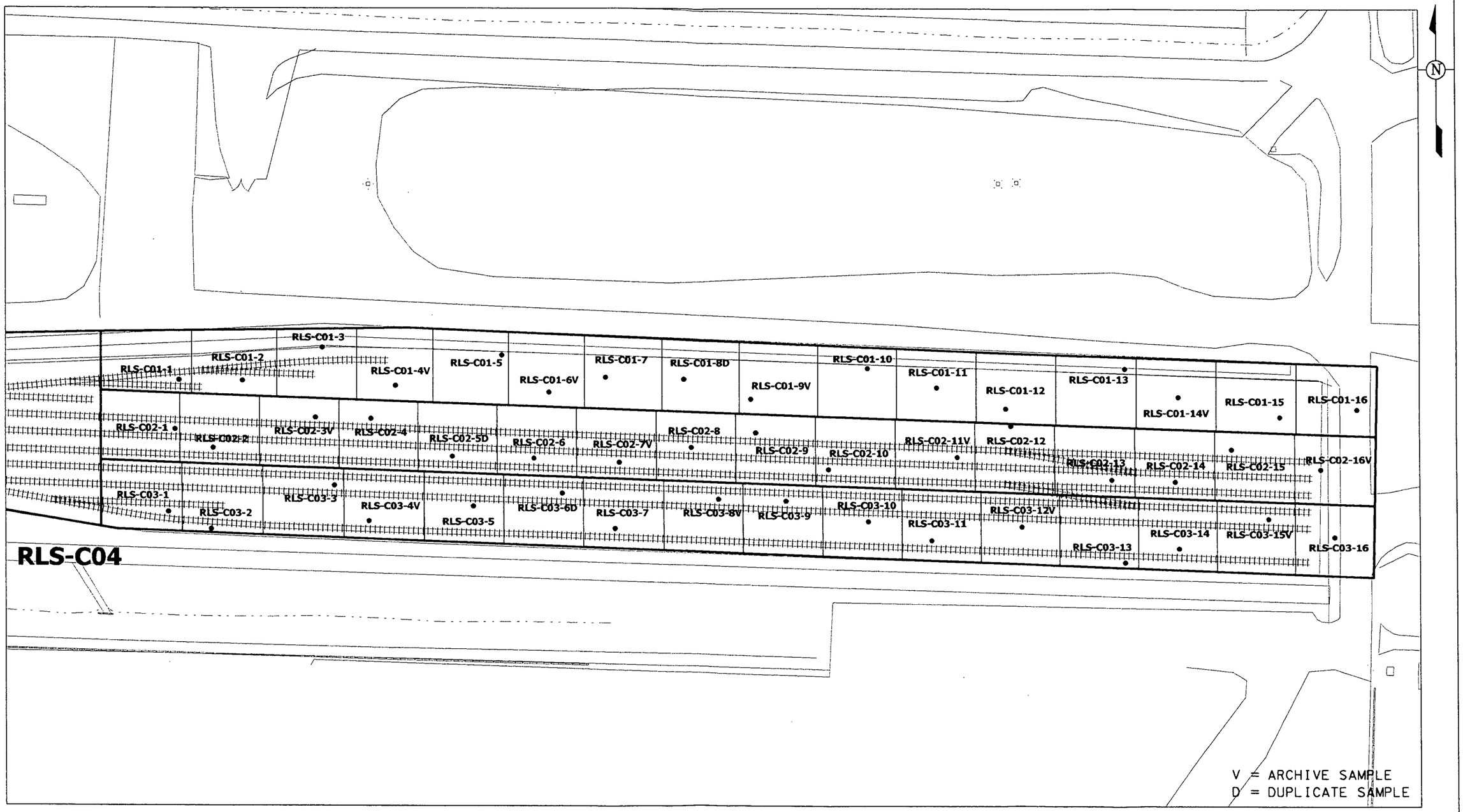
LEGEND:

SCALE

300 150 0 300 FEET

V:\2fm12\dgn\all_003.dgn STATE PLANAR COORDINATE SYSTEM 1983 20-OCT-2006

FIGURE 4-2. SITEWIDE RAIL LINE SYSTEM PRECERTIFICATION AREA BOUNDARIES (CUs 10-16)



LEGEND:

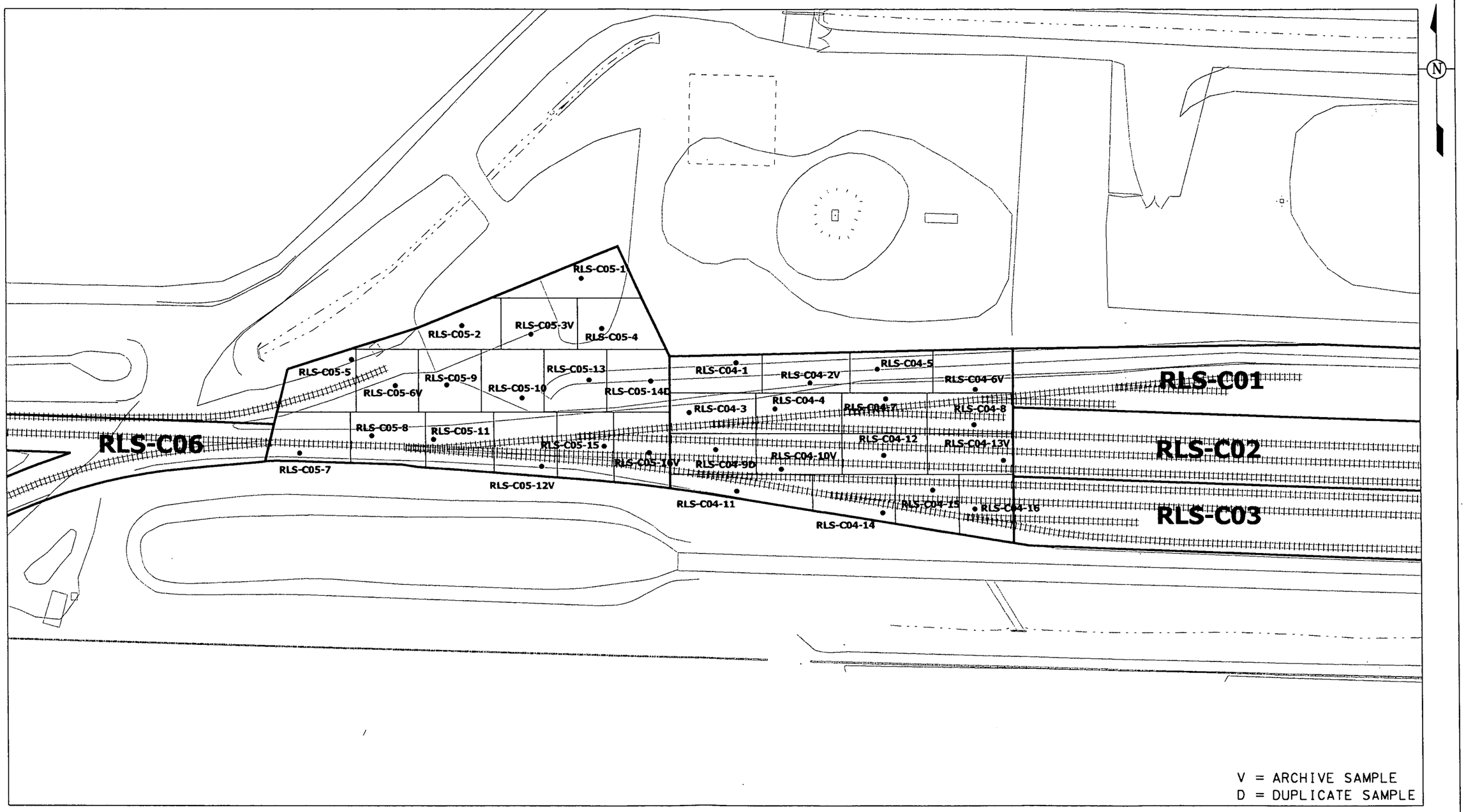
• SAMPLE LOCATION

SCALE

80 40 0 80 FEET

V:\2fm12\dgn\rall_004.dgn STATE PLANAR COORDINATE SYSTEM 1983 20-OCT-2006

FIGURE 4-3. PRECERTIFICATION SAMPLING LOCATIONS (CUs 1-3)



LEGEND:

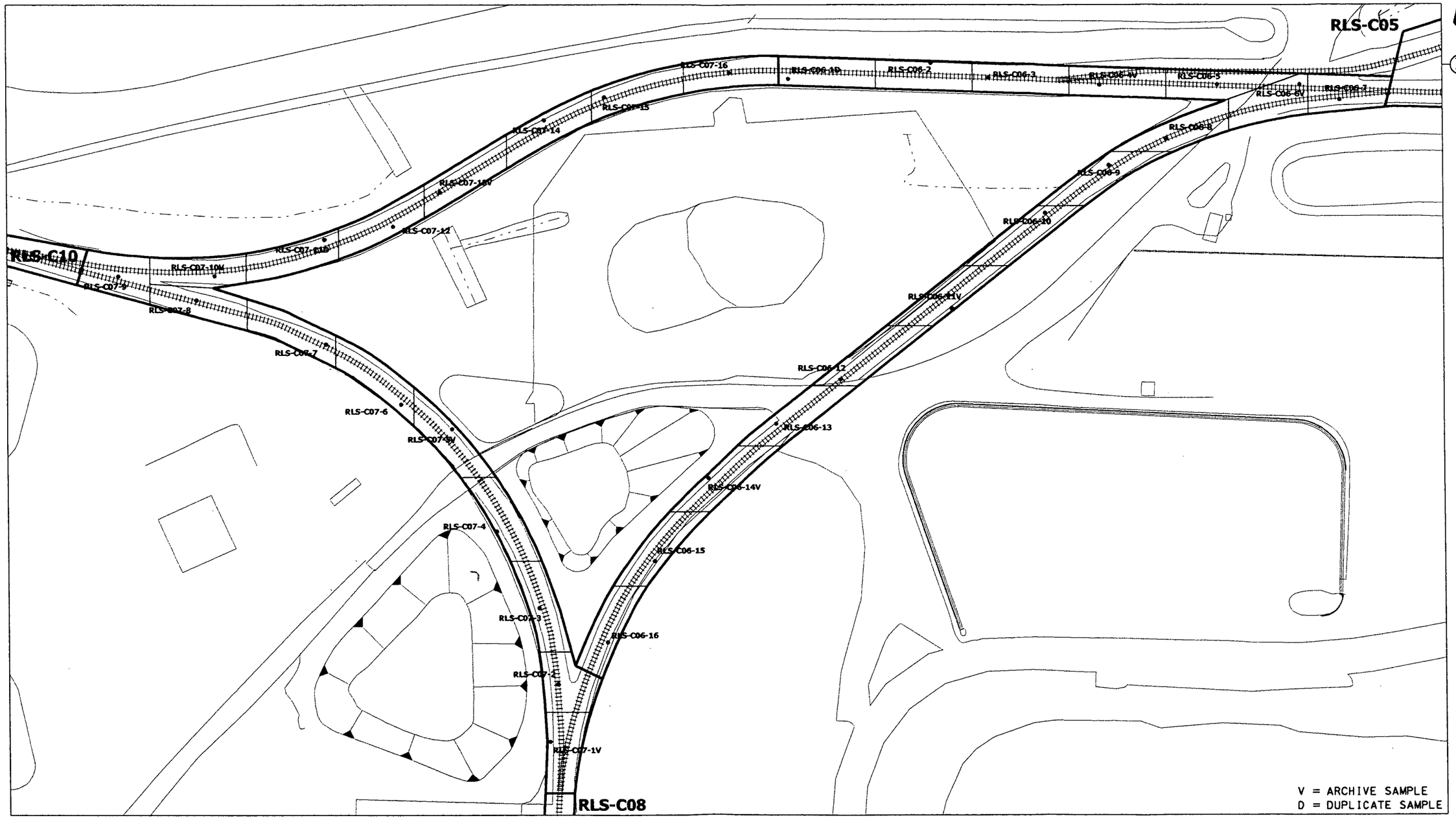
• SAMPLE LOCATION

SCALE

80 40 0 80 FEET

V:\2fm12\dgn\rall_005.dgn STATE PLANAR COORDINATE SYSTEM 1983 20-OCT-2006

FIGURE 4-4. PRECERTIFICATION SAMPLING LOCATIONS (CUs 4 & 5)



LEGEND:

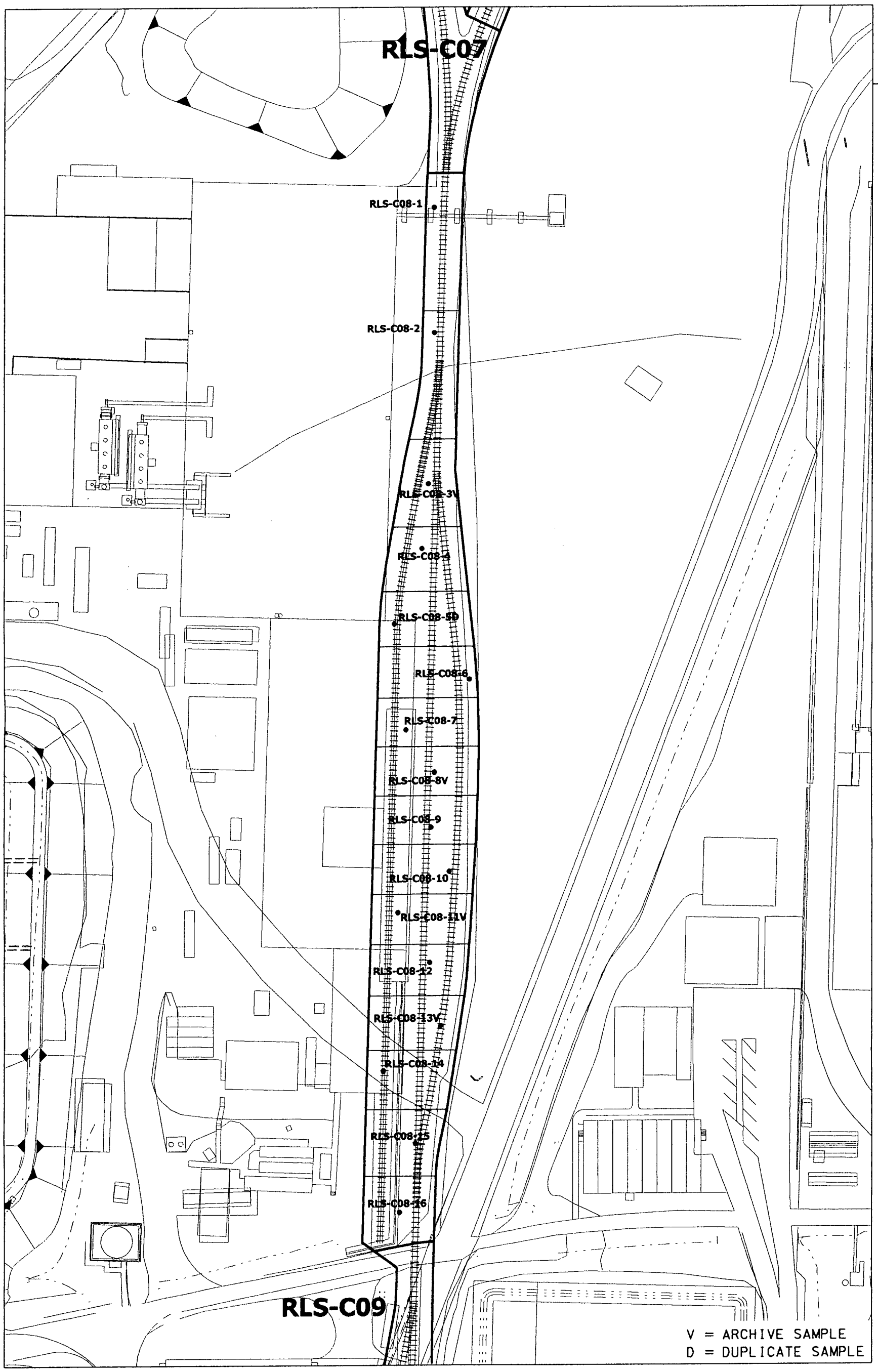
• SAMPLE LOCATION

SCALE

100 50 0 100 FEET

V:\2fm12\dgn\all_006.dgn STATE PLANAR COORDINATE SYSTEM 1983 20-OCT-2006

FIGURE 4-5. PRECERTIFICATION SAMPLING LOCATIONS (CUs 6 & 7)



LEGEND:

• SAMPLE LOCATION

SCALE

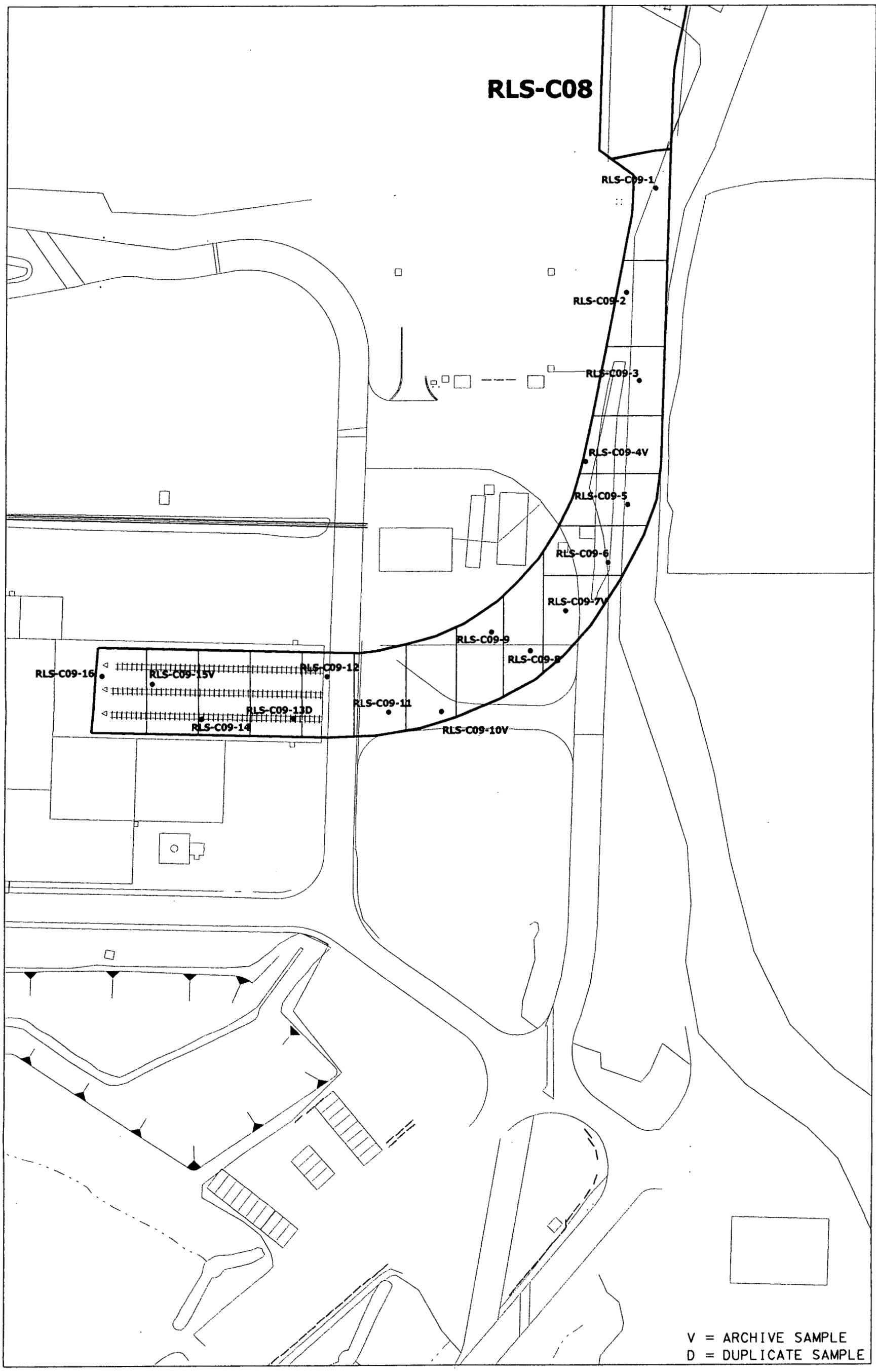
80 40 0 80 FEET

FIGURE 4-6. PRECERTIFICATION SAMPLING LOCATIONS (CU 8)

V:\82fm12\dgn\8-011_007.dgn

STATE PLANAR COORDINATE SYSTEM 1983

20-OCT-2006



LEGEND:

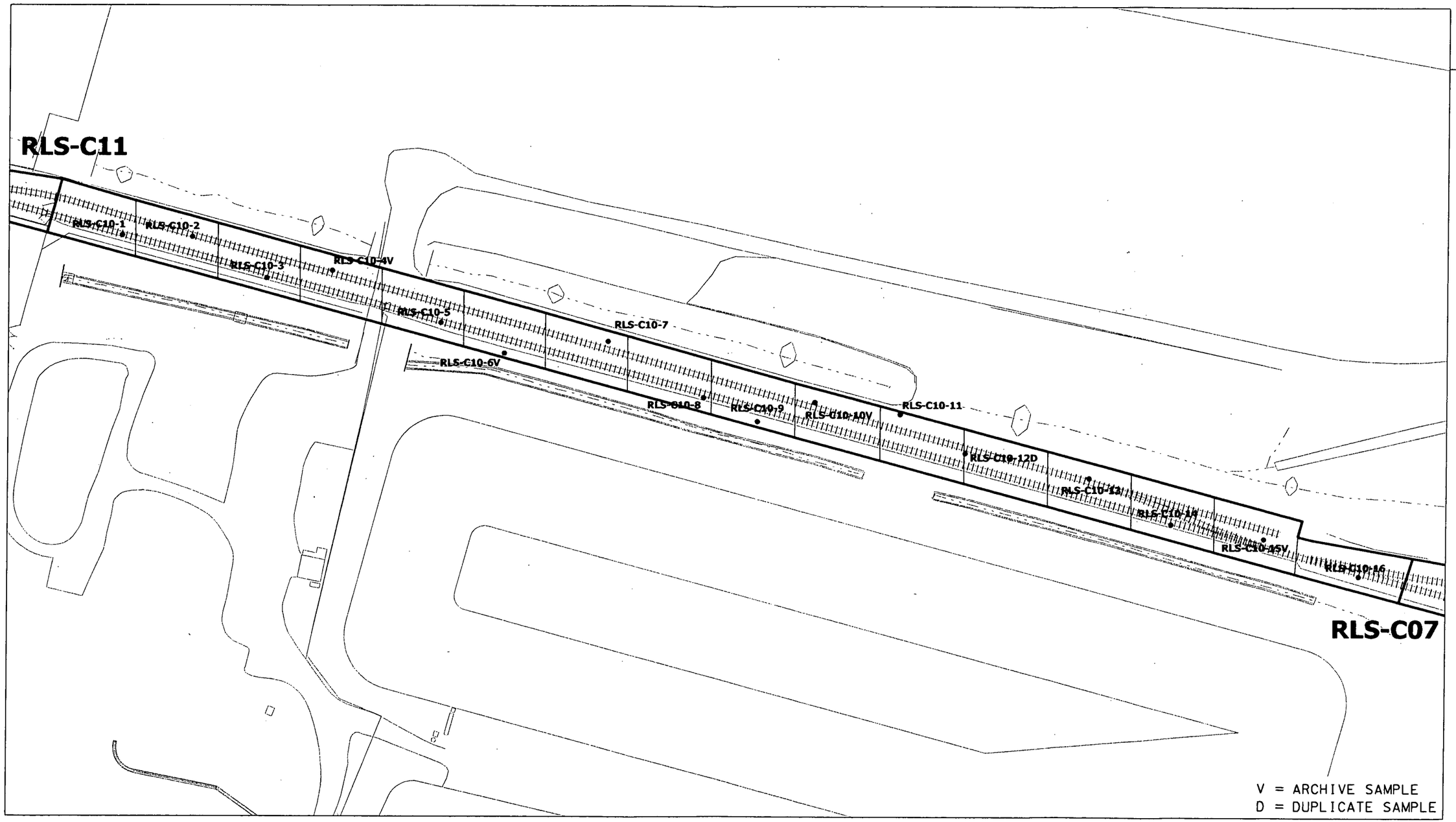
• SAMPLE LOCATION

SCALE

80 40 0 80 FEET

FIGURE 4-7. PRECERTIFICATION SAMPLING LOCATIONS (CU 9)

V:\82fm12\dgn\ar011_008.dgn
20-OCT-2006



LEGEND:

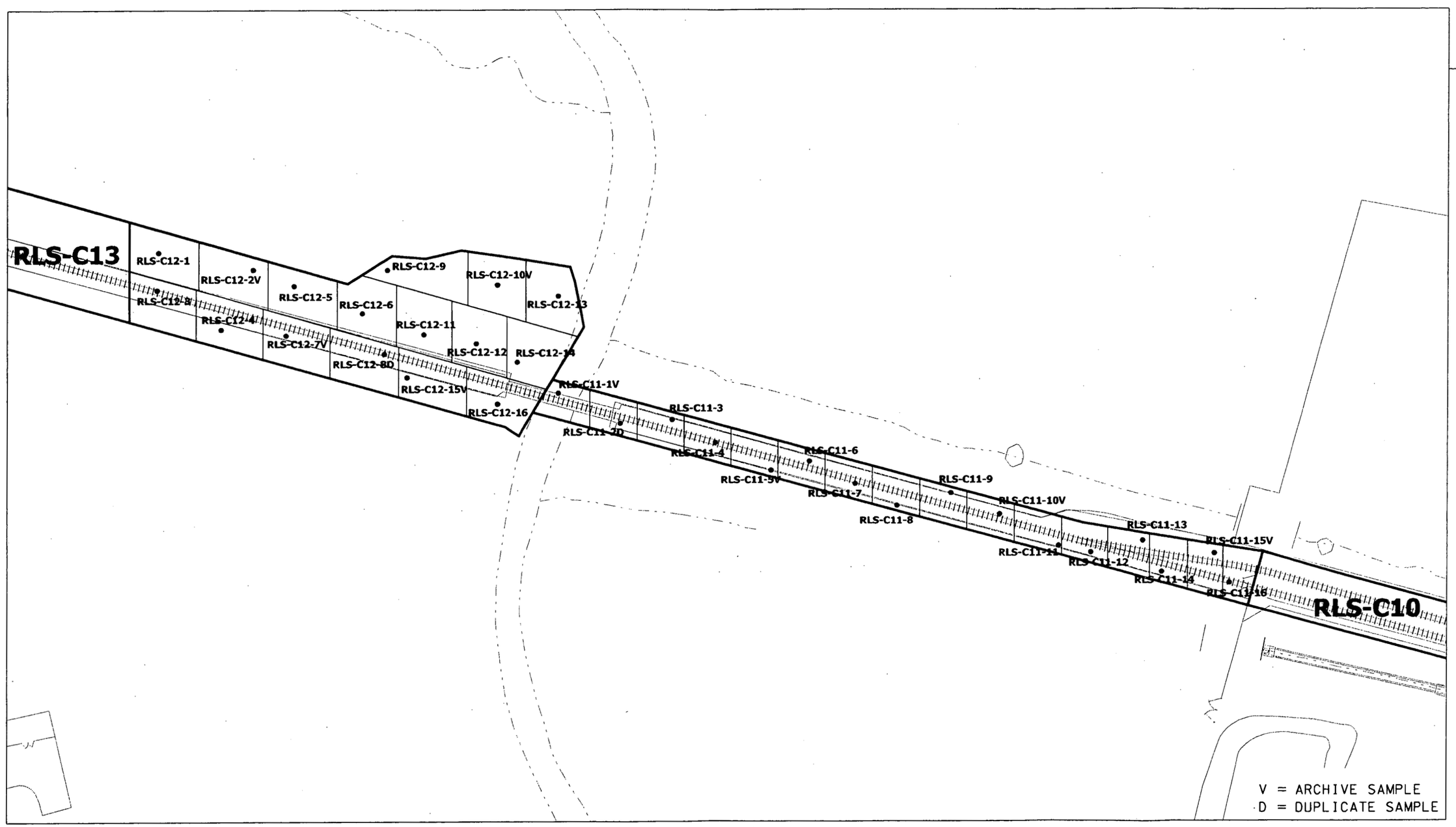
• SAMPLE LOCATION

SCALE

80 40 0 80 FEET

V:\2fm12\dgn\rcll_009.dgn STATE PLANAR COORDINATE SYSTEM 1983 20-OCT-2006

FIGURE 4-8. PRECERTIFICATION SAMPLING LOCATIONS (CU 10)



LEGEND:

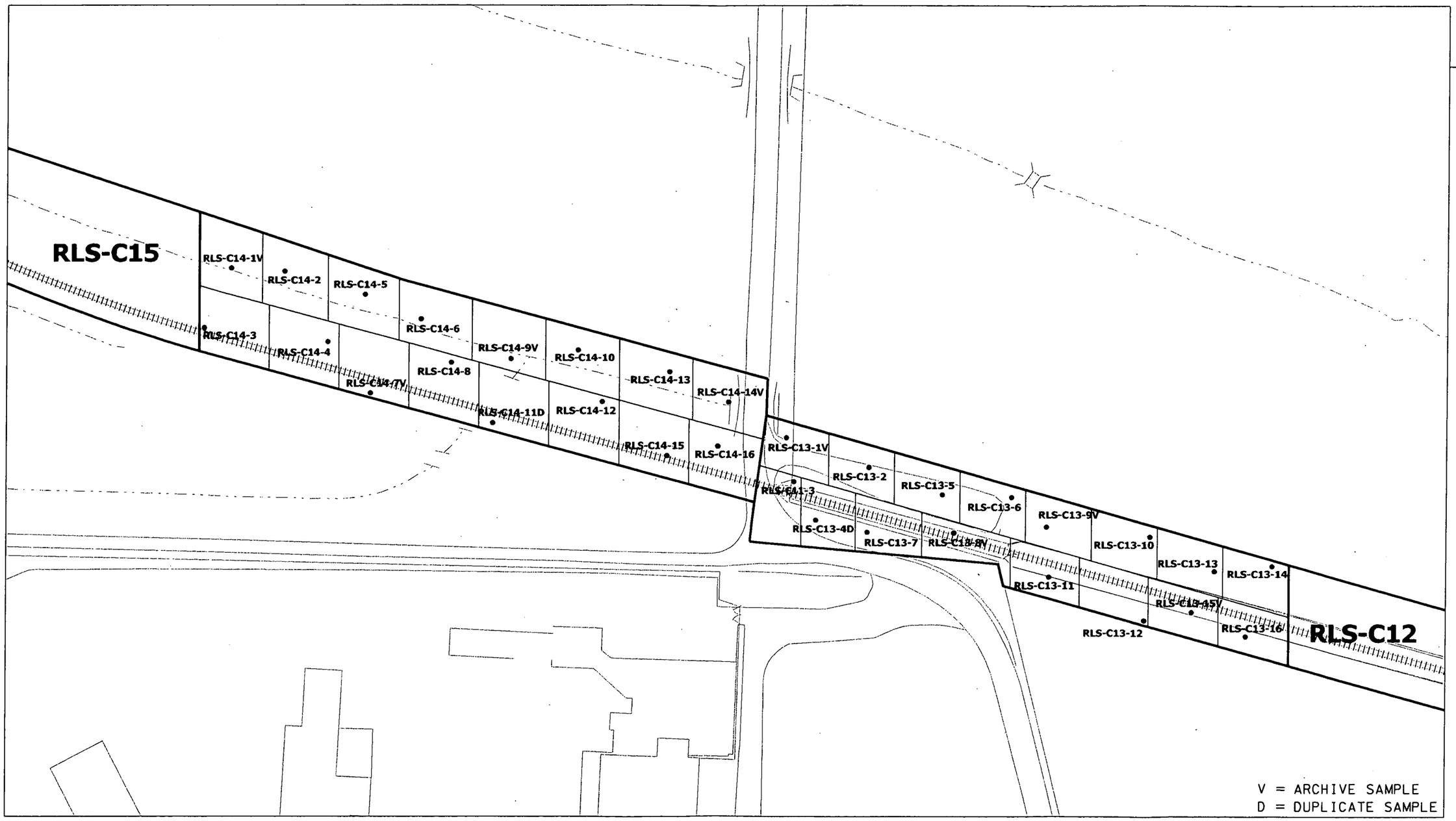
• SAMPLE LOCATION

SCALE

80 40 0 80 FEET

V:\2fm12\dgn\rall_010.dgn STATE PLANAR COORDINATE SYSTEM 1983 20-OCT-2006

FIGURE 4-9. PRECERTIFICATION SAMPLING LOCATIONS (CUs 11 & 12)



LEGEND:

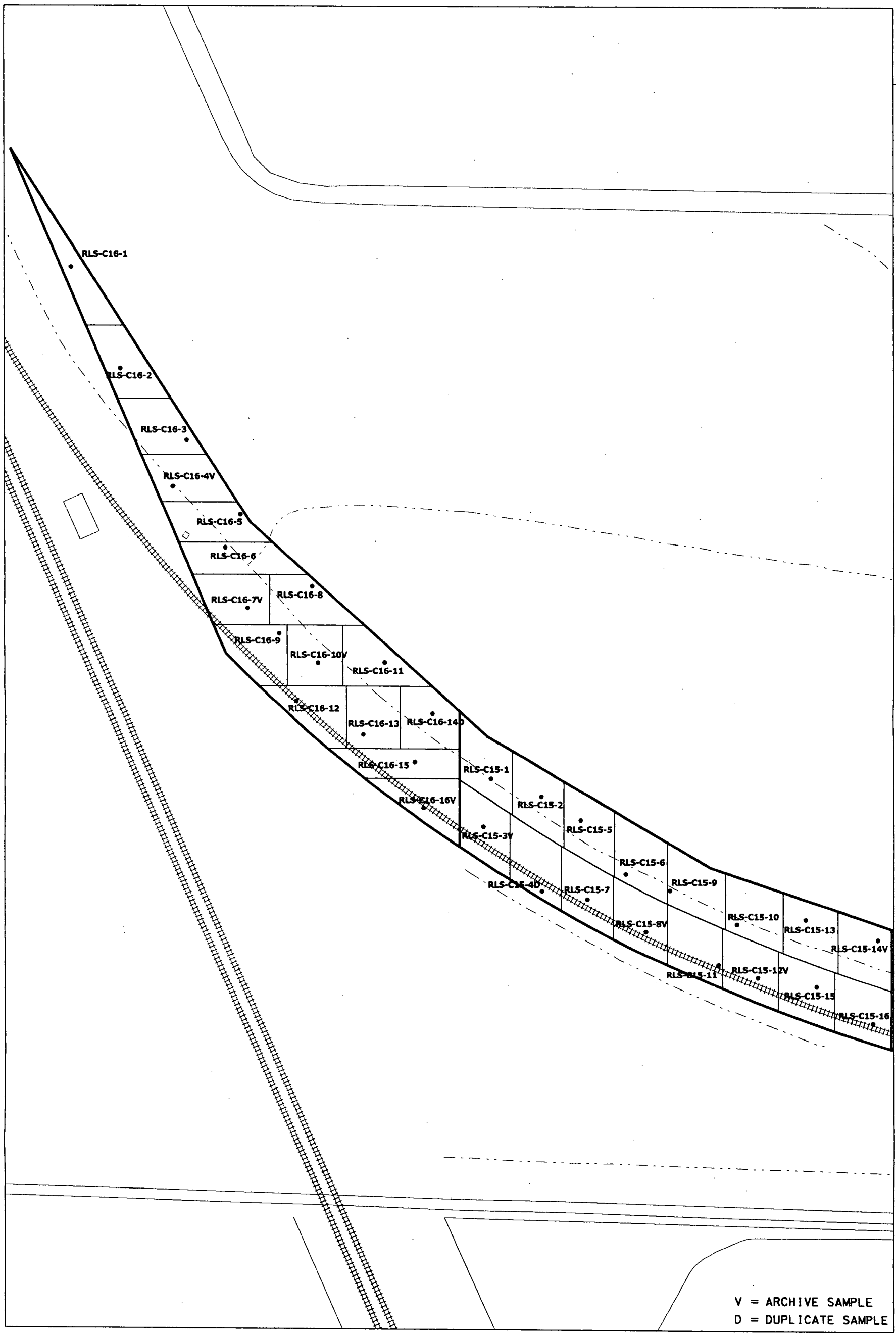
• SAMPLE LOCATION

SCALE

80 40 0 80 FEET

V:\2fm12\dgn\rall_011.dgn STATE PLANAR COORDINATE SYSTEM 1983 20-OCT-2006

FIGURE 4-10. PRECERTIFICATION SAMPLING LOCATIONS (CUs 13 & 14)



LEGEND:

• SAMPLE LOCATION

SCALE

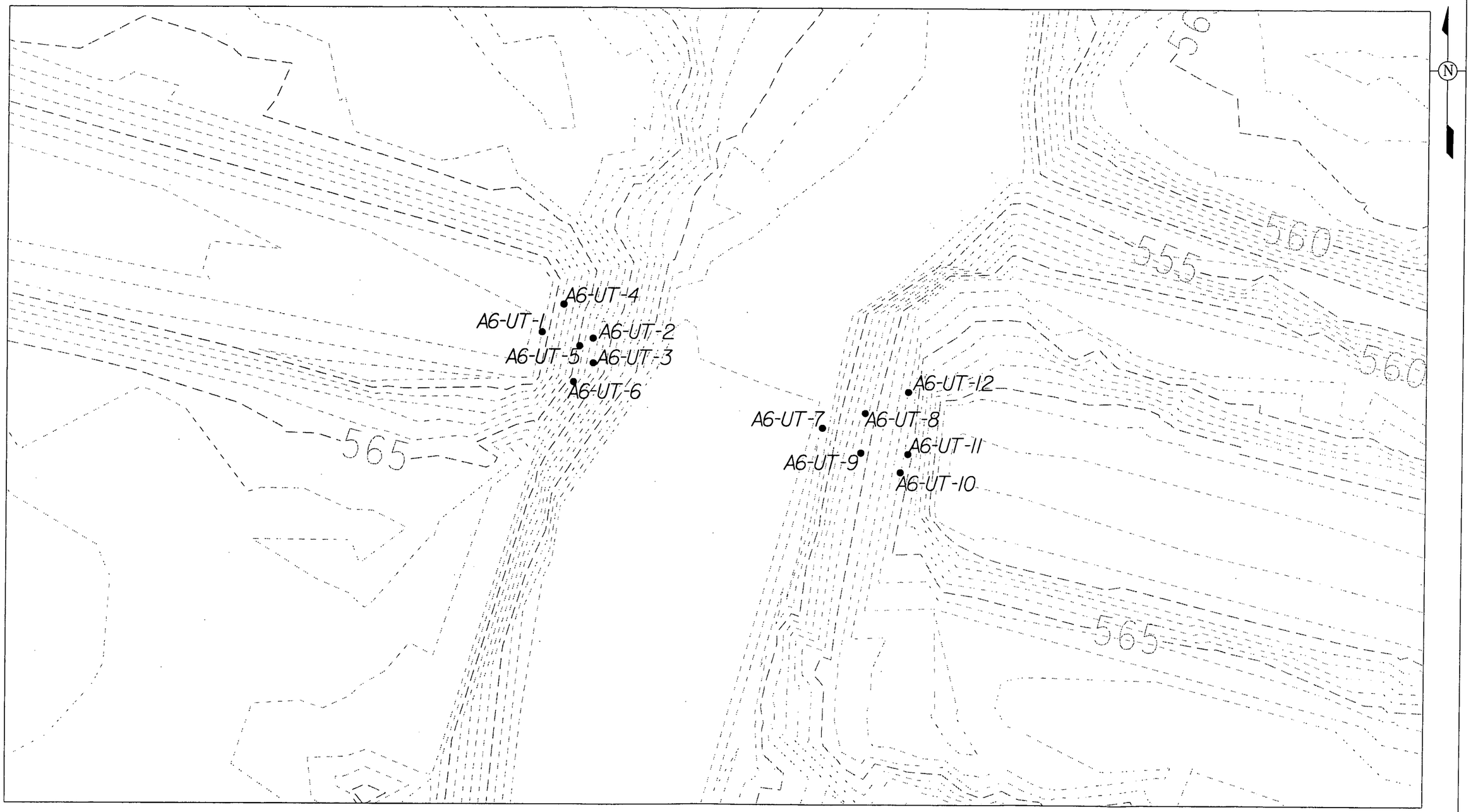
90 45 0 90 FEET

FIGURE 4-11. PRECERTIFICATION SAMPLING LOCATIONS (CUs 15 & 16)

V:\2fm12\dgn\ar011_012.dgn

STATE PLANAR COORDINATE SYSTEM 1983

20-OCT-2006



LEGEND:

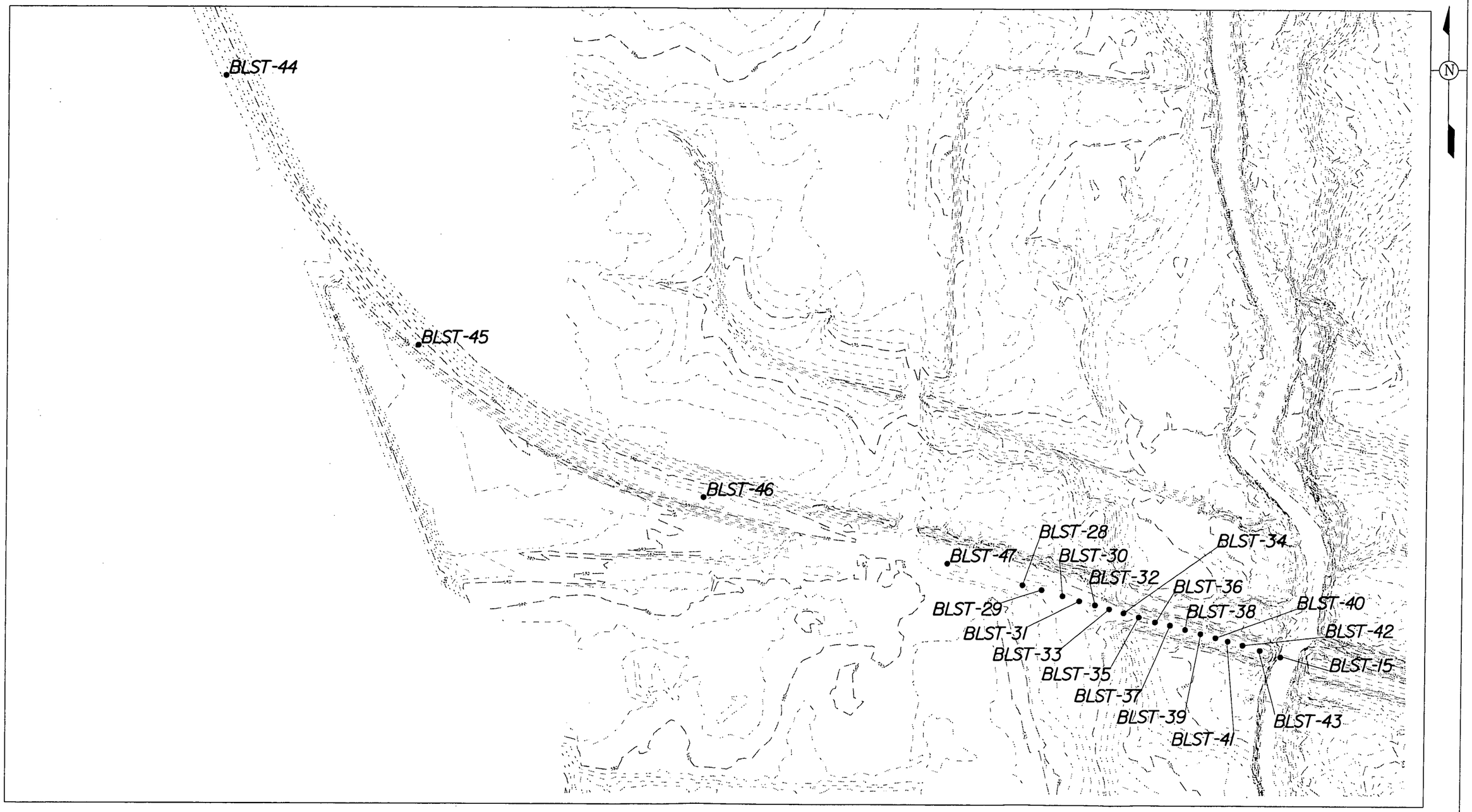
● SAMPLE LOCATION

SCALE

20 10 0 20 FEET

V:\2fm12\dgn\RAIL_014 UT.dgn STATE PLANAR COORDINATE SYSTEM 1983 20-OCT-2006

FIGURE 4-12. SAMPLE LOCATIONS UNDER RAIL TRESTLE



LEGEND:

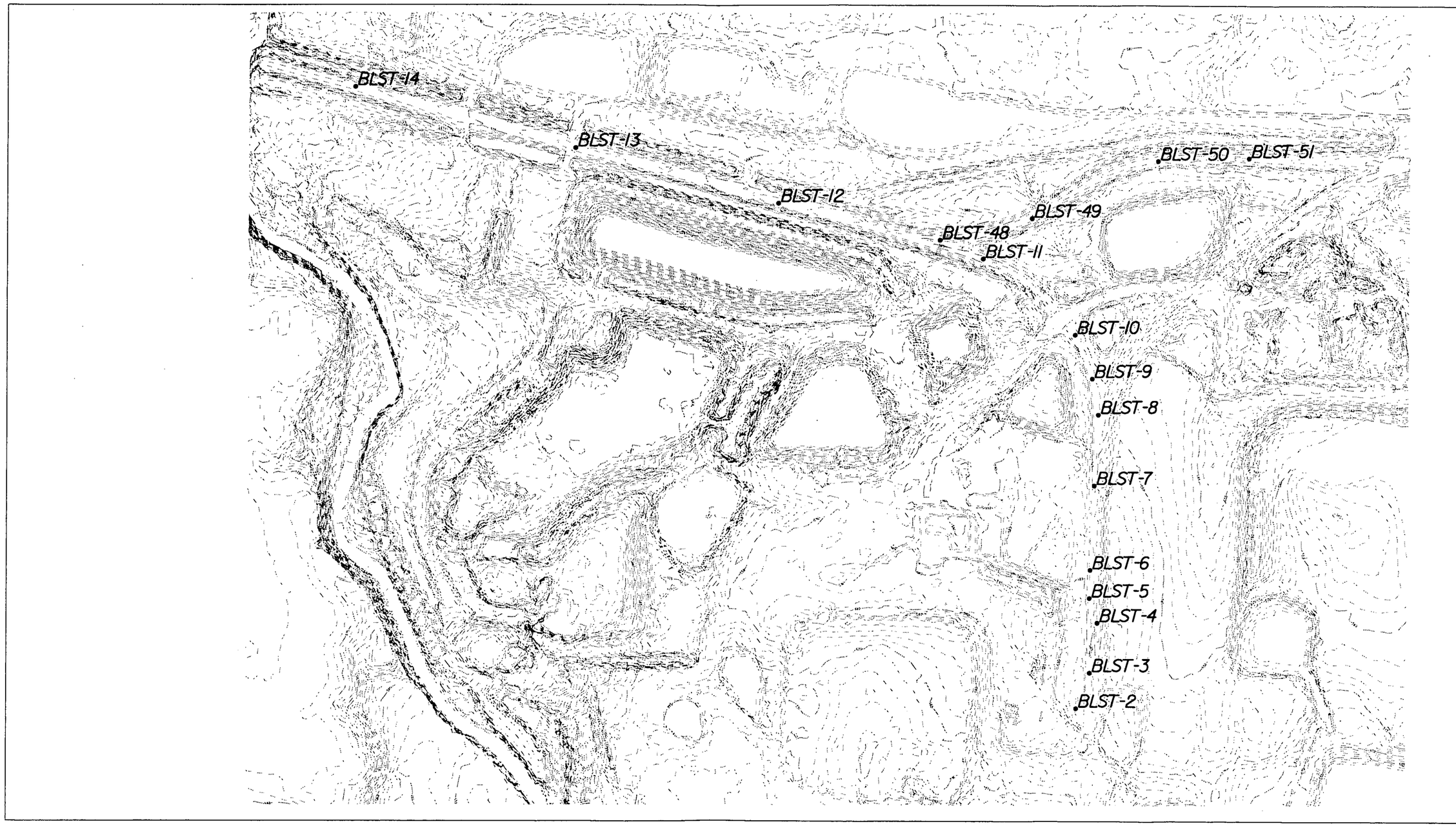
• SAMPLE LOCATION

SCALE

200 100 0 200 FEET

V:\2fm12\dgn\rail_015.dgn STATE PLANAR COORDINATE SYSTEM 1983 20-OCT-2006

FIGURE 4-13. BALLAST SAMPLE LOCATIONS WEST OF PADDYS RUN



LEGEND:

• SAMPLE LOCATION

SCALE

250 125 0 250 FEET

V:\2fm12\dgn\RAIL_016.dgn STATE PLANAR COORDINATE SYSTEM 1983 20-OCT-2006

FIGURE 4-14 BALLAST SAMPLE LOCATIONS EAST OF PADDYS RUN

LEGEND:

● SAMPLE LOCATION

SCALE

100 50 0 100 FEET

V:\2fm12\dgn\RAIL_017.dgn STATE PLANAR COORDINATE SYSTEM 1983 20-OCT-2006

FIGURE 4-15. BALLAST SAMPLE LOCATIONS IN RAILYARD

REFERENCES

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

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U.S. Department of Energy, 2005a, "Excavation Plan for Area 6 Waste Pits and General Area," Final, Fernald Closure Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 2005b, "Excavation Plan for Area 7 Silos and General Area," Final, Fernald Closure Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 2005c, "Excavation Plan for Area 7 Support and Silos Process Area," Draft, Fernald Closure Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 2005d, "Project Specific Plan for Predesign of Area 6 Subarea 1 (Supplement to 20300-PSP-0011)," Revision 1, Fernald Closure Project, DOE, Fernald Area Office, Cincinnati, Ohio.

APPENDIX A

REAL-TIME PRECERTIFICATION SCANS OF SOIL BENEATH THE BALLAST

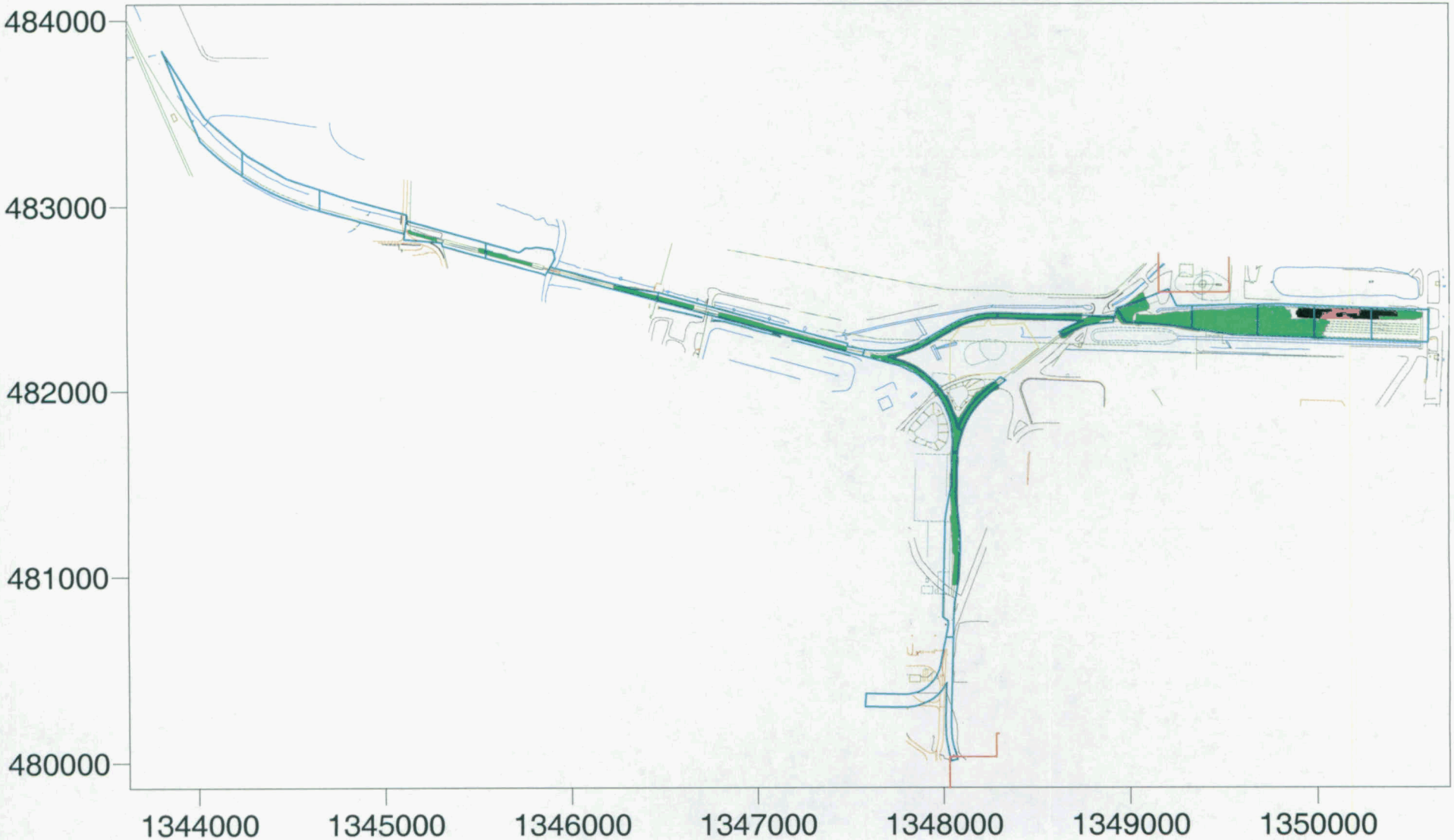
TABLE A-1
AREA 6 SITEWIDE RAIL LINE SYSTEM -PHASE 2 - HPGe RESULTS DETECTOR HEIGHT 31 cm

Location ID	Measurement Date	Northing	Easting	Detector Height (cm)	Ra-226 (pCi/g)	Th-232 (pCi/g)	Total U (ppm)
RAIL-P2-5328	20Sep06	481976	1347972	31	1.4	0.6	10.2
RAIL-P2-5328-D	20Sep06	481976	1347972	31	1.4	0.6	12.1
RAIL-P2-5331	20Sep06	482300	1348655	31	1.3	0.4	24.8
RAIL-P2-5332	20Sep06	482288	1348645	31	1.3	0.4	15.3
RAIL-P2-5224	25Sep06	481389	1348056	31	1.5	1.2	0.1
RAIL-P2-6056	22Oct06	482444	1349773	31	1.5	1.0	0.0
RAIL-P2-6057	22Oct06	482120	1347840	31	1.3	1.1	0.0

Figure A-1 Area 6 Sitewide Rail Line System - Soil Beneath Ballast - Phase 1
Total Gross Counts Per Second

Data groups: RSS1_2861_09-17-2006, 2979_10-22-2006
RSS2_1479_09-17-2006,1481_09-17-2006, 1539_10-21-2006
RSS3_1705_09-20-2006, 1105_10-21-2006 ; RSS4_1668_10-21-2006
GATOR_1055_08-12-2006; 1102_10-19-2006, 1105_10-21-2006

Measurement Period: 08-12-2006 thru 10-22-2006



Nal Total Gross Counts Per Second
- 0 to 3000
- 3000 to 5000
- 5000 to 9999

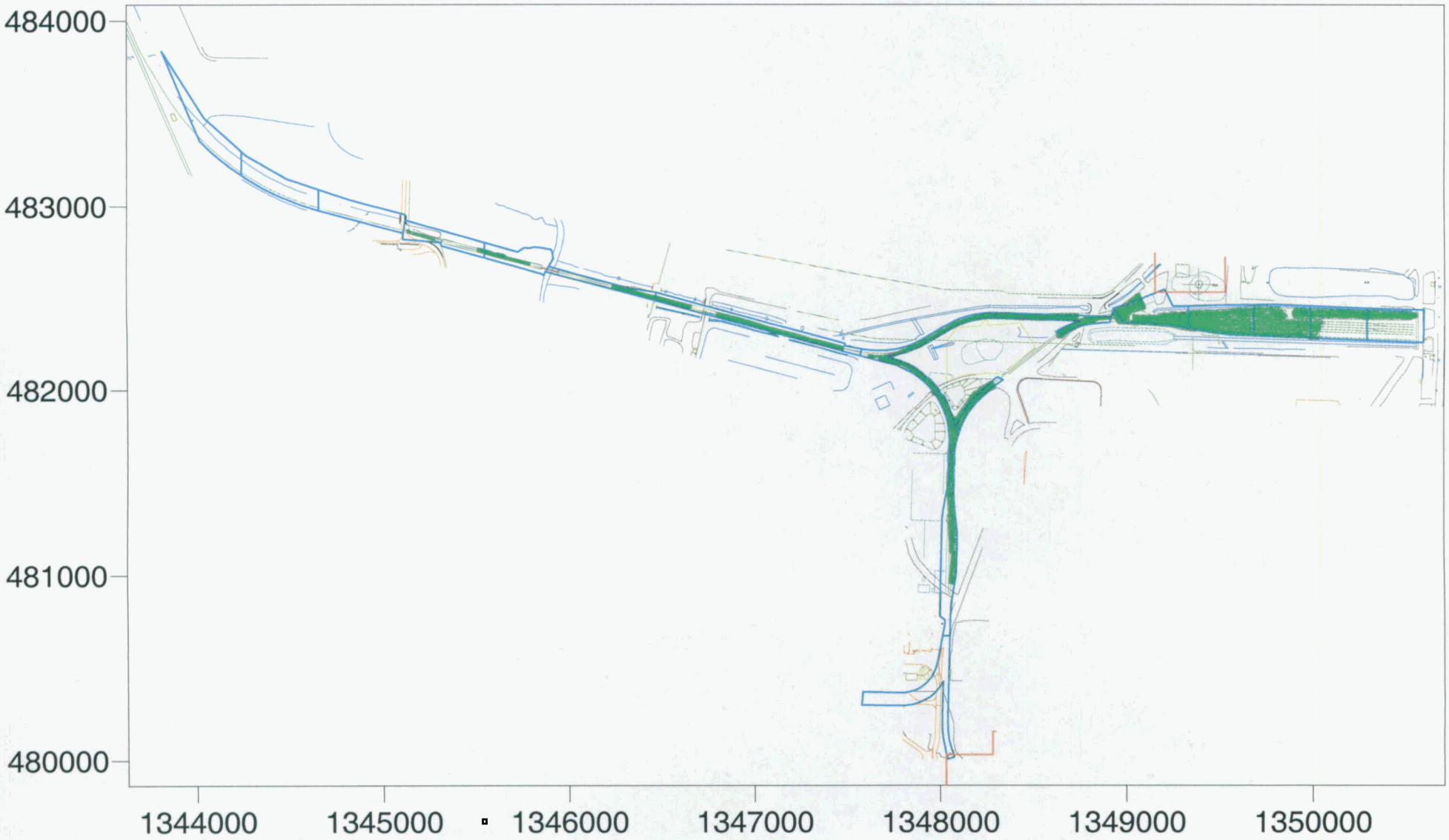
Certification Boundary

RTIMP DWG ID: RAIL_P1_TCsrf
Project ID:Gen Char Site Soils Remed 20300-PSP-0011
Prepared: M. Frank 10-22-2006
Support Data: RAIL P1.xls

Figure A-2 Area 6 Sitewide Rail Line System - Soil Beneath Ballast - Phase 1
Moisture Corrected Radium-226

Data groups: RSS1_2861_09-17-2006, 2979_10-22-2006
RSS2_1479_09-17-2006,1481_09-17-2006, 1539_10-21-2006
RSS3_1705_09-20-2006, 1105_10-21-2006 ; RSS4_1668_10-21-2006
GATOR_1055_08-12-2006; 1102_10-19-2006, 1105_10-21-2006

Measurement Period: 08-12-2006 thru 10-22-2006



NaI Ra-226 (pCi/g)
-9999 to 5.1
5.1 to 9999

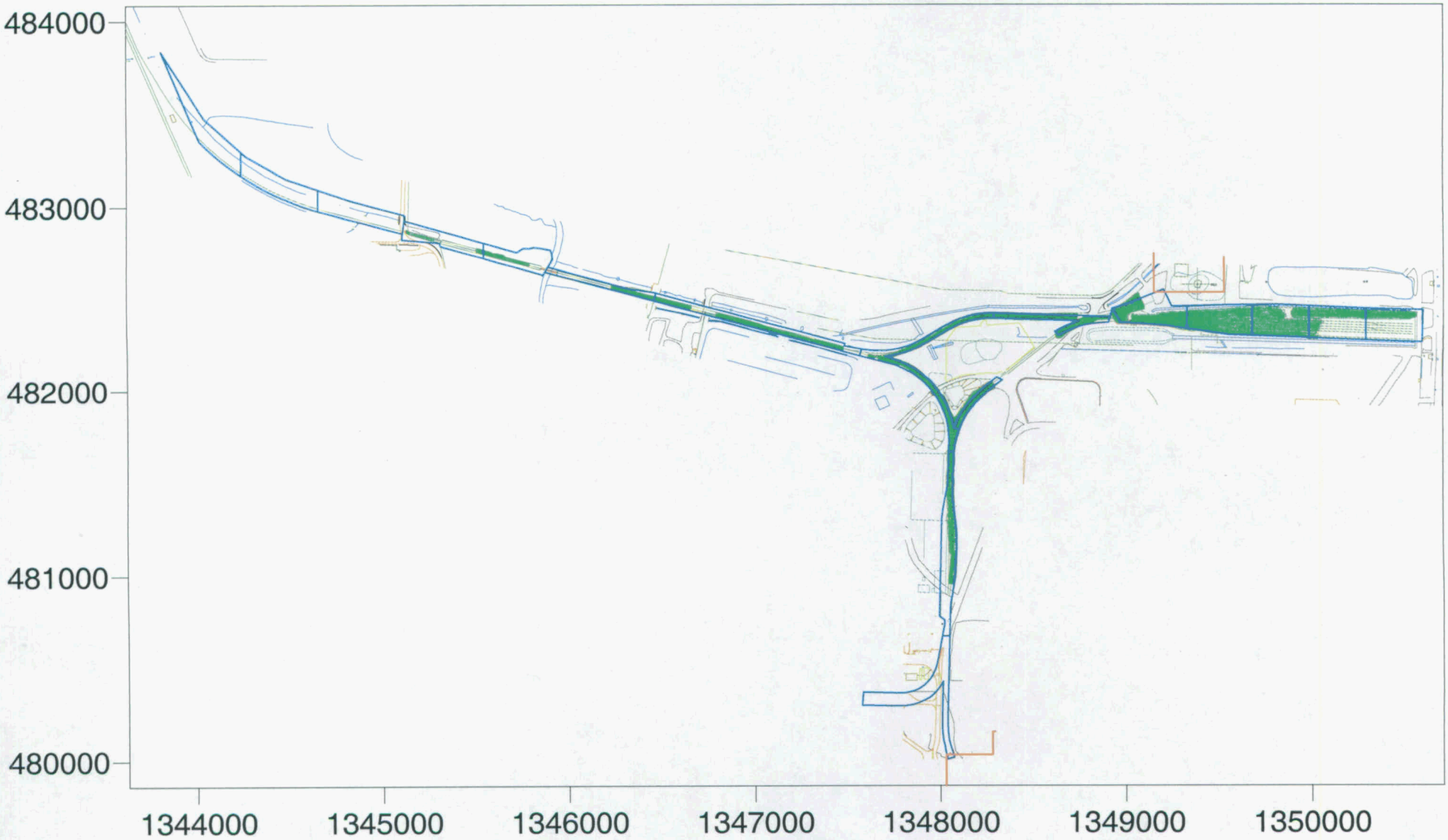
Certification Boundary

RTIMP DWG ID: RAIL_P1_Ra.srf
Project ID:Gen Char Site Soils Remed 20300-PSP-0011
Prepared: M. Frank 10-22-2006
Support Data: RAIL_P1.xls

Figure A-3 Area 6 Sitewide Rail Line System - Soil Beneath Ballast - Phase 1
Moisture Corrected Thorium-232

Data groups: RSS1_2861_09-17-2006, 2979_10-22-2006
RSS2_1479_09-17-2006,1481_09-17-2006, 1539_10-21-2006
RSS3_1705_09-20-2006, 1105_10-21-2006 ; RSS4_1668_10-21-2006
GATOR_1055_08-12-2006; 1102_10-19-2006, 1105_10-21-2006

Measurement Period: 08-12-2006 thru 10-22-2006



NaI Th-232 (pCi/g)
-9999 to 3.4
3.4 to 9999

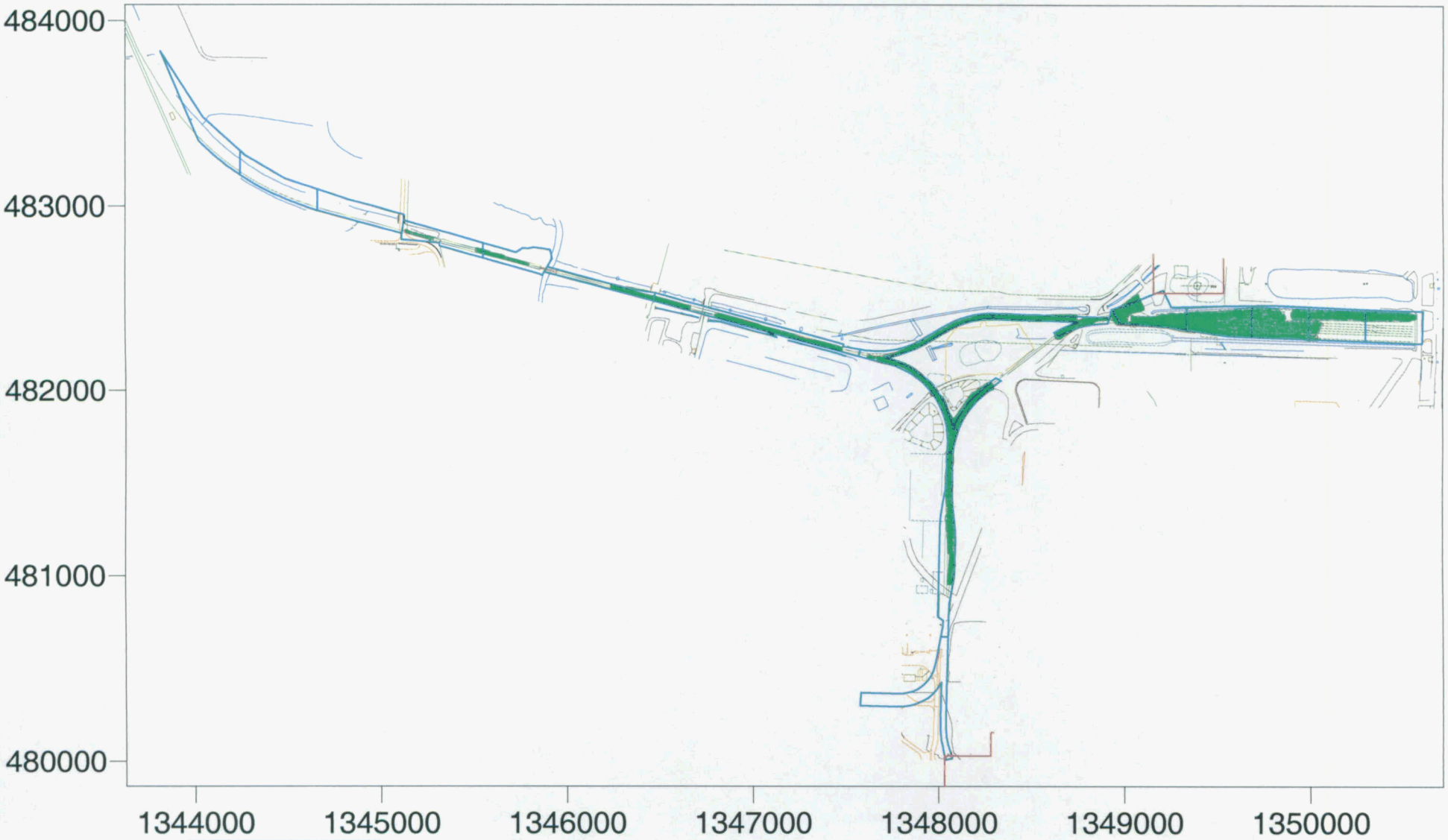
Certification Boundary

RTIMP DWG ID: RAIL_P1_Th.srf
Project ID:Gen Char Site Soils Remed 20300-PSP-0011
Prepared: M. Frank 10-22-2006
Support Data: RAIL_P1.xls

Figure A-4 Area 6 Sitewide Rail Line System - Soil Beneath Ballast - Phase 1
Moisture Corrected Total Uranium

Data groups: RSS1_2861_09-17-2006, 2979_10-22-2006
RSS2_1479_09-17-2006,1481_09-17-2006, 1539_10-21-2006
RSS3_1705_09-20-2006, 1105_10-21-2006 ; RSS4_1668_10-21-2006
GATOR_1055_08-12-2006; 1102_10-19-2006, 1105_10-21-2006

Measurement Period: 08-12-2006 thru 10-22-2006



NaI TU ppm
-9999 to 246
246 to 9999

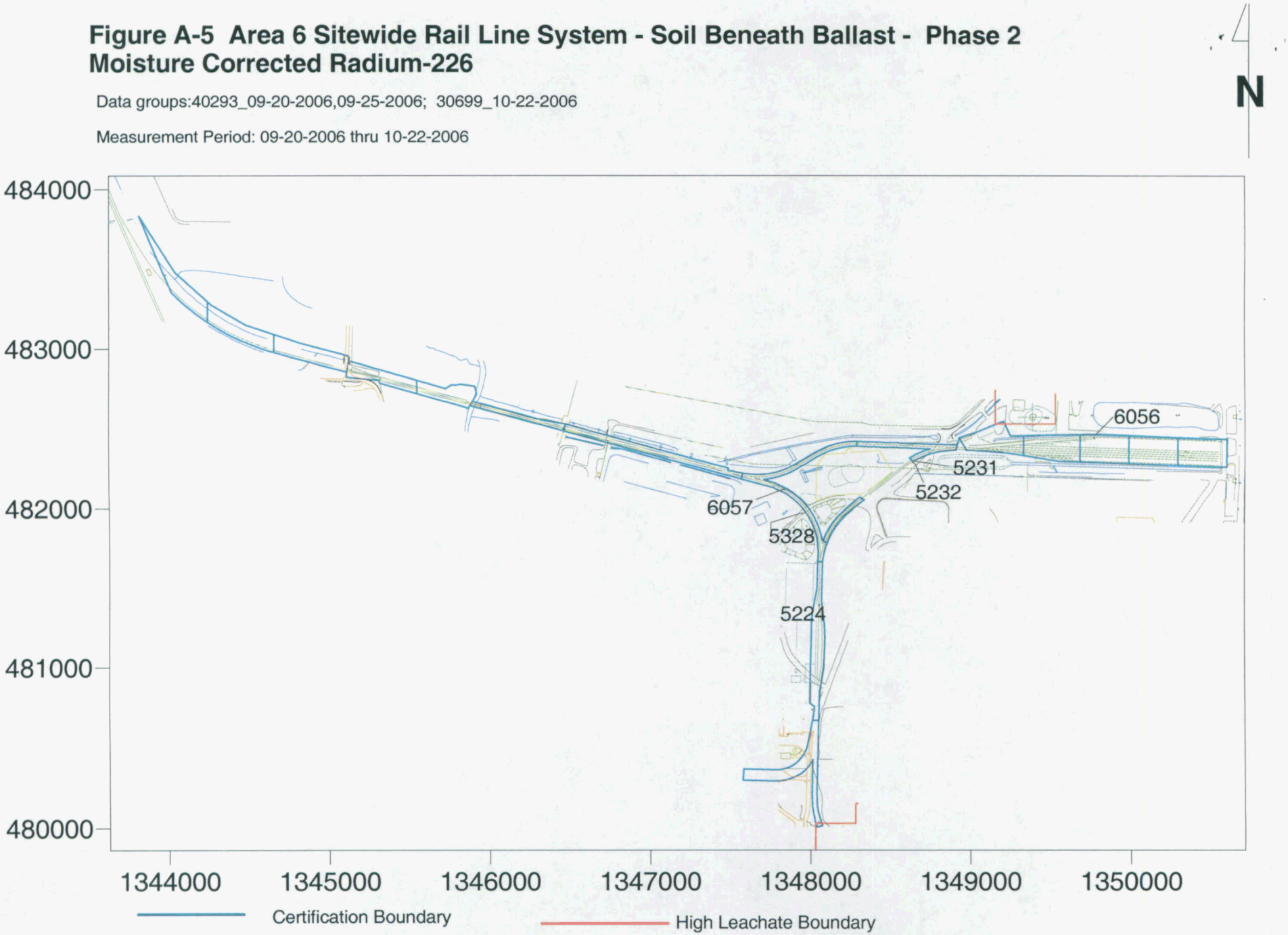
Certification Boundary

RTIMP DWG ID: RAIL_P1_TU.srf
Project ID:Gen Char Site Soils Remed 20300-PSP-0011
Prepared: M. Frank 10-22-2006
Support Data: RAIL_P1.xls

Figure A-5 Area 6 Sitewide Rail Line System - Soil Beneath Ballast - Phase 2 Moisture Corrected Radium-226

Data groups:40293_09-20-2006,09-25-2006; 30699_10-22-2006

Measurement Period: 09-20-2006 thru 10-22-2006

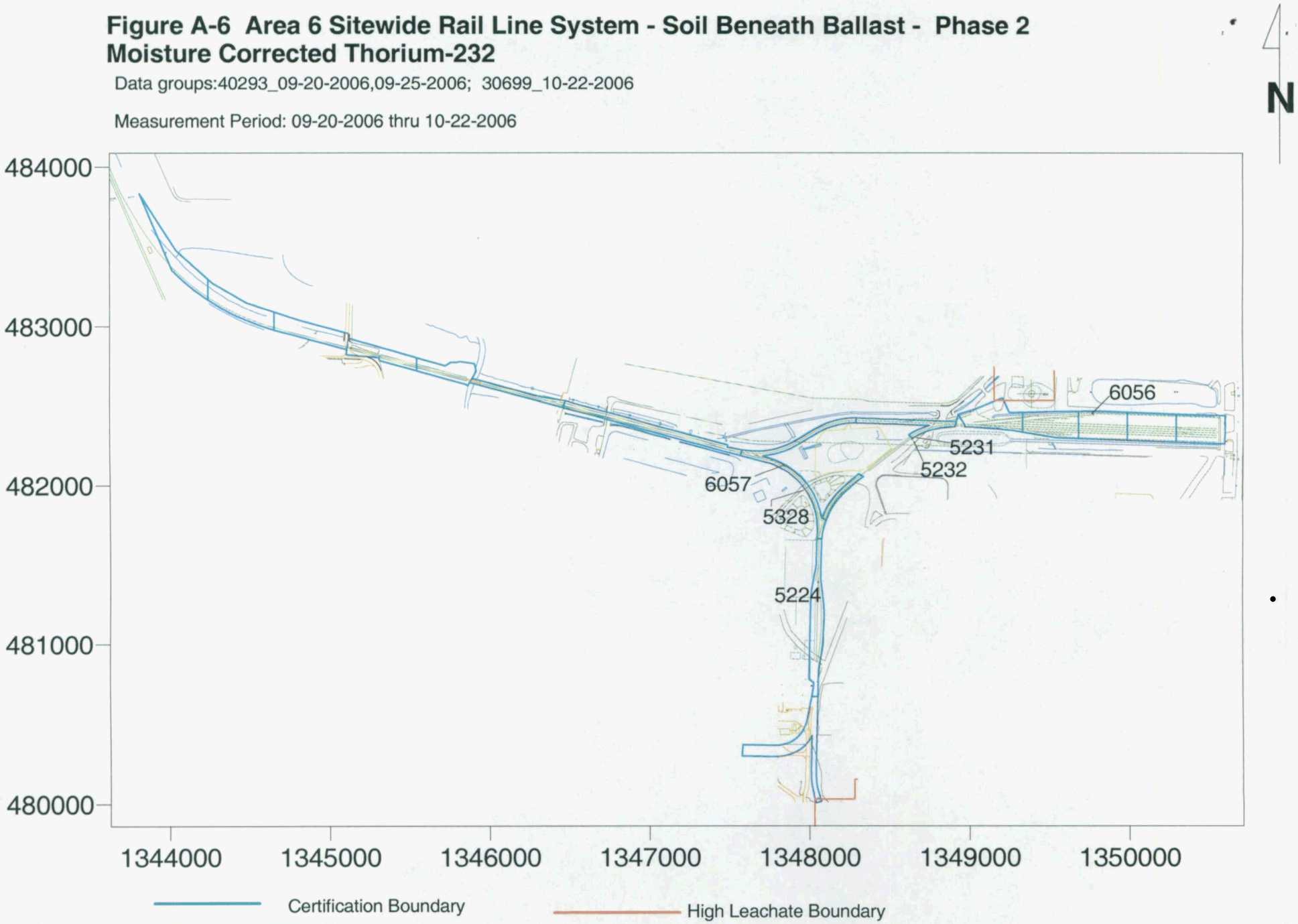


RTIMP DWG ID: RAIL_P2_Ra.srf
Project ID:Gen Char Site Soils Remed 20300-PSP-0011
Prepared: M. Frank 10-22-2006
Support Data: RAIL_P2.xls

Figure A-6 Area 6 Sitewide Rail Line System - Soil Beneath Ballast - Phase 2
Moisture Corrected Thorium-232

Data groups:40293_09-20-2006,09-25-2006; 30699_10-22-2006

Measurement Period: 09-20-2006 thru 10-22-2006

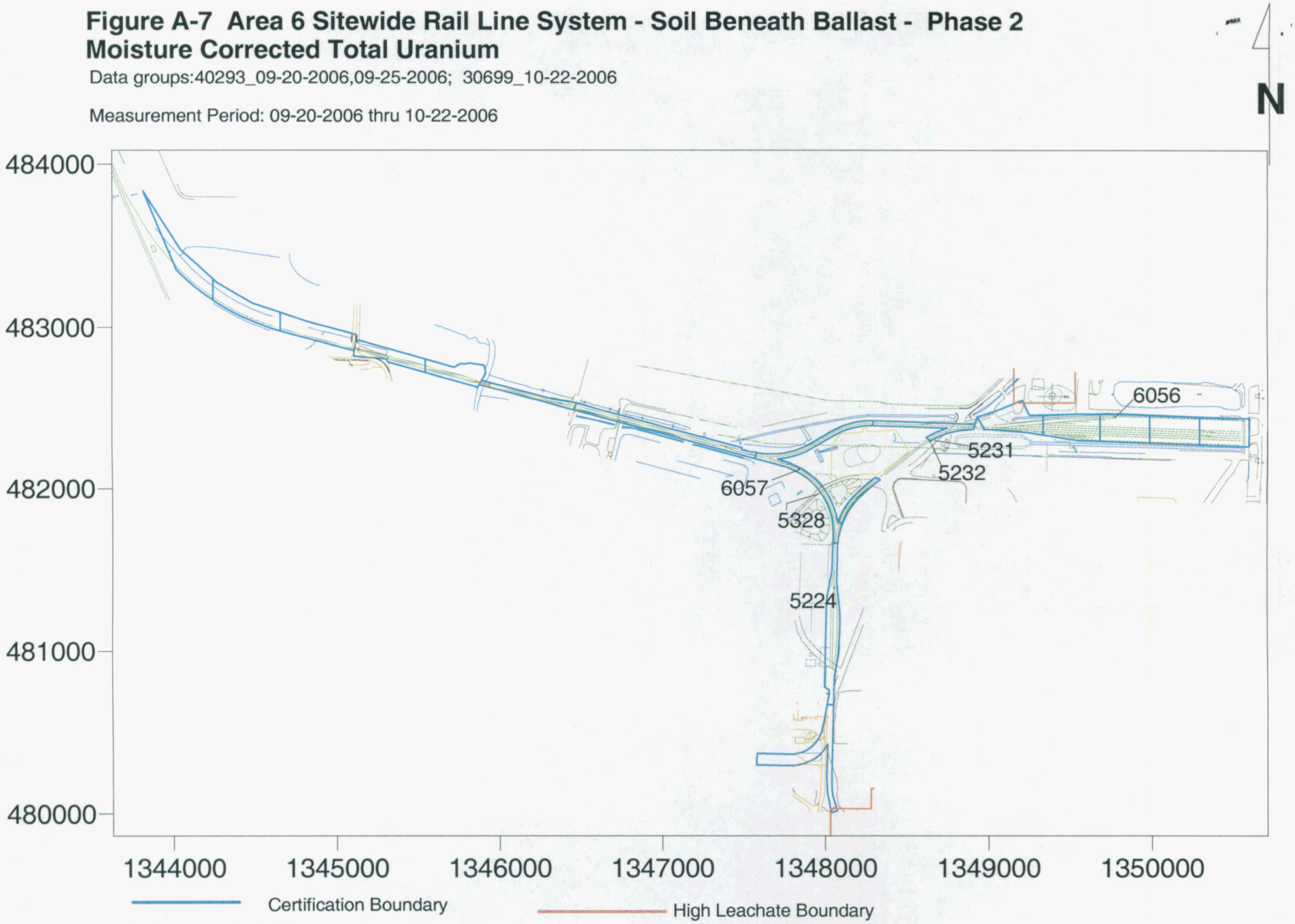


RTIMP DWG ID: RAIL_P2_Th.srf
Project ID:Gen Char Site Soils Remed 20300-PSP-0011
Prepared: M. Frank 10-22-2006
Support Data: RAIL P2.xls

Figure A-7 Area 6 Sitewide Rail Line System - Soil Beneath Ballast - Phase 2
Moisture Corrected Total Uranium

Data groups:40293_09-20-2006,09-25-2006; 30699_10-22-2006

Measurement Period: 09-20-2006 thru 10-22-2006



HPGe TU ppm
- 0 to 246
- 246 to 9999

RTIMP DWG ID: RAIL_P2_TU.srf
Project ID:Gen Char Site Soils Remed 20300-PSP-0011
Prepared: M. Frank 10-22-2006
Support Data: RAIL_P2.xls

APPENDIX B

REAL-TIME PRECERTIFICATION SCANS OF THE BALLAST

TABLE B-1

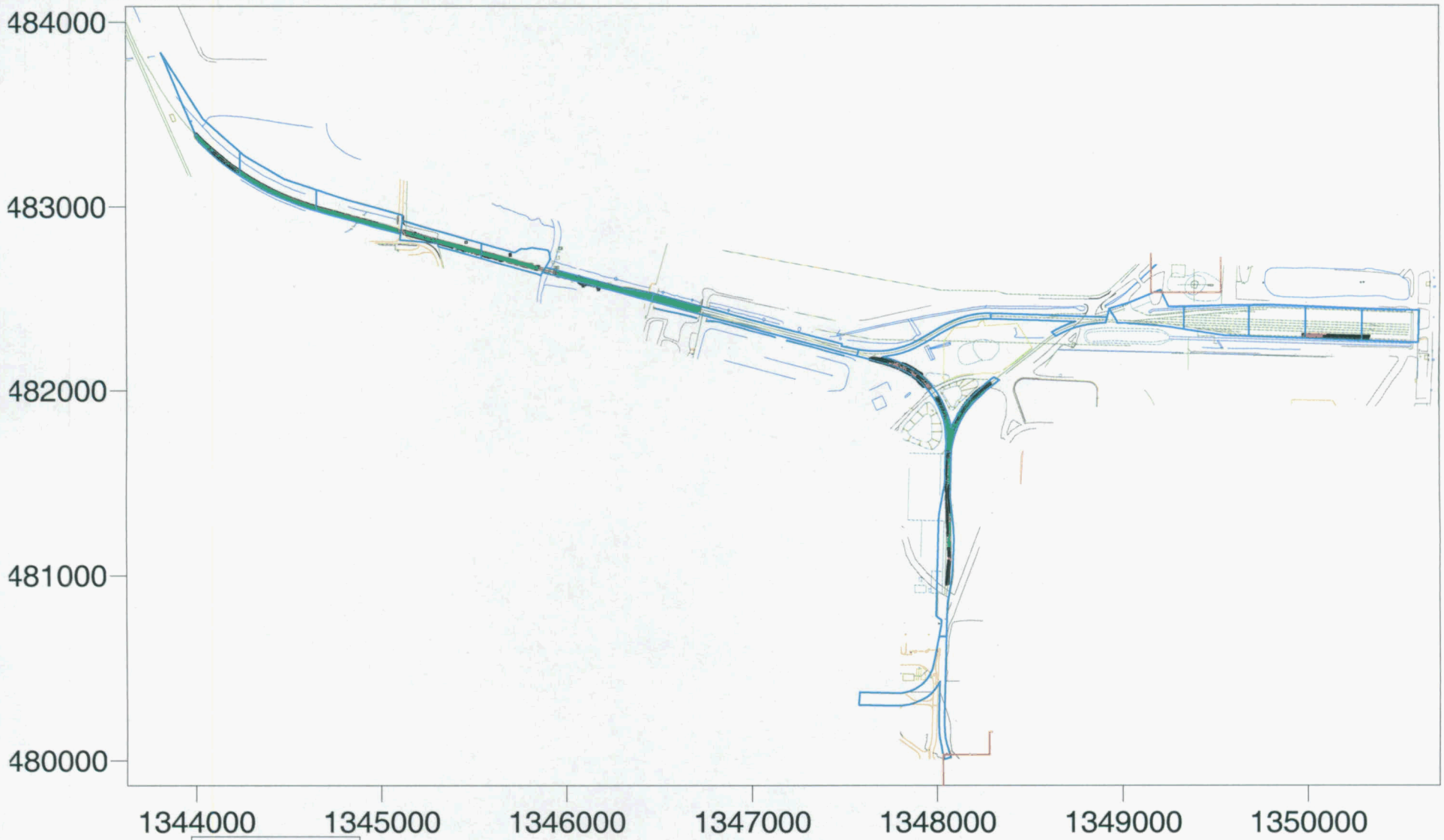
AREA 6 SITEWIDE RAIL LINE SYSTEM - BALLAST - PHASE 2 - HPGe RESULTS DETECTOR HEIGHT 31 cm

Location ID	Measurement Date	Northing	Easting	Detector Height (cm)	Ra-226 (pCi/g)	Th-232 (pCi/g)	Total U (ppm)
RAIL-BALLAST-P2-5968	20Oct06	482661	1345852	31	0.4	0.6	0.0
RAIL-BALLAST-P2-5968-D	20Oct06	482661	1345852	31	0.5	0.6	0.0
RAIL-BALLAST-P2-5969	20Oct06	482224	1347476	31	0.5	0.3	0.0
RAIL-BALLAST-P2-5970	20Oct06	482197	1347704	31	0.5	0.3	0.0
RAIL-BALLAST-P2-5971	20Oct06	482870	1345130	31	0.6	0.5	0.0
RAIL-BALLAST-P2-5972	20Oct06	482864	1345132	31	0.7	0.8	0.0
RAIL-BALLAST-P2-5189	25Sep06	482038	1347958	31	1.6	1.1	10.2
RAIL-BALLAST-P2-5189-D	25Sep06	482038	1347958	31	1.4	1.0	0.1
RAIL-BALLAST-P2-3964	06Jun06	482299	1350082	31	1.6	1.1	13.2
RAIL-BALLAST-P2-5052	01Sep06	481088	1348067	31	1.4	0.9	0.1

Figure B-1 Area 6 Sitewide Rail Line System - Ballast - Phase 1
Total Gross Counts Per Second

Data groups: RSS1_2844_09-11-2006; _2968_10-19-2006
RSS2_1533_10-19-2006
RSS3_1461_06-06-2006,1765_10-17-2006; _1768_10-19-2006
RSS4_1548_08-31-2006

Measurement Period: 08-31-2006 thru 10-19-2006



Nal Total Gross Counts Per Second
- 0 to 1500
- 1500 to 2500
- 2500 to 9999

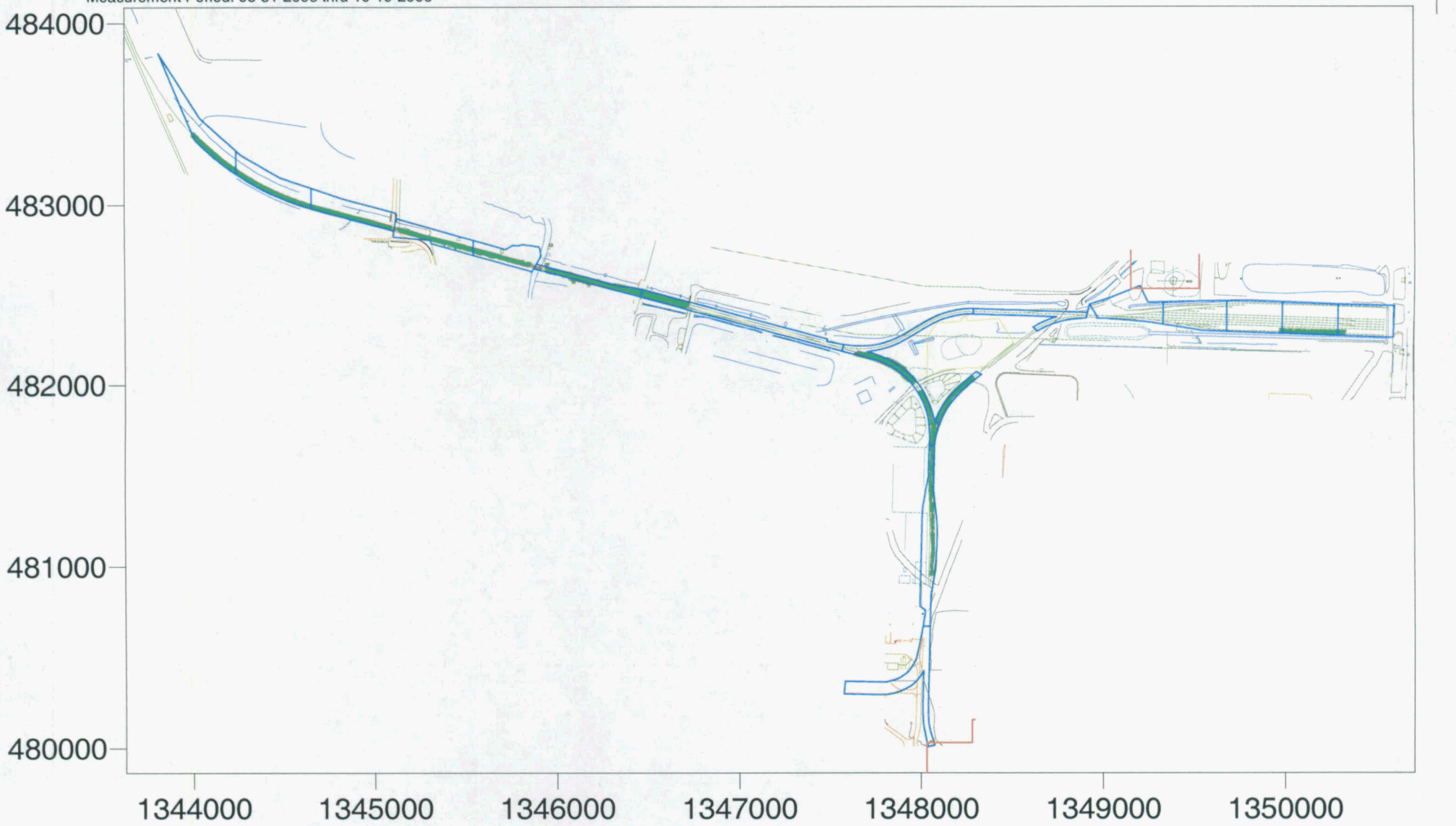
Certification Boundary

RTIMP DWG ID: RAIL_BALLAST_P1_TC.srf
Project ID:Gen Char Site Soils Remed 20300-PSP-0011
Prepared: M. Frank 10-22-2006
Support Data: RAIL_BALLAST_P1.xls

Figure B-2 Area 6 Sitewide Rail Line System - Ballast - Phase 1
Moisture Corrected Radium-226

Data groups: RSS1_2844_09-11-2006; _2968_10-19-2006
RSS2_1533_10-19-2006
RSS3_1461_06-06-2006,1765_10-17-2006; _1768_10-19-2006
RSS4_1548_08-31-2006

Measurement Period: 08-31-2006 thru 10-19-2006



NaI Ra-226 (pCi/g)
-9999 to 5.1
5.1 to 9999

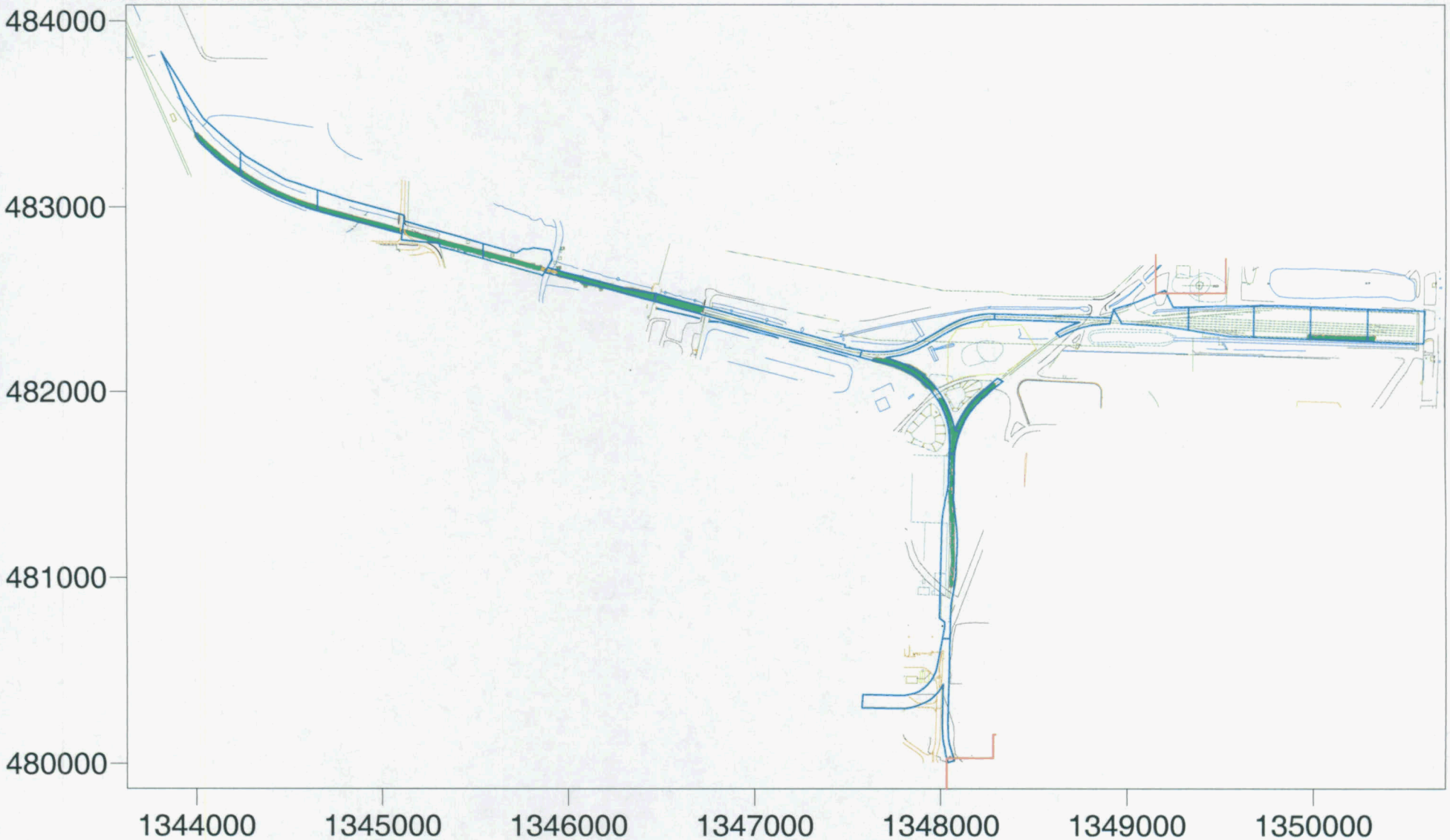
Certification Boundary

RTIMP DWG ID: RAIL_BALLAST_P1_Ra.srf
Project ID:Gen Char Site Soils Remed 20300-PSP-0011
Prepared: M. Frank 10-20-2006
Support Data: RAIL_BALLAST_P1.xls

Figure B-3 Area 6 Sitewide Rail Line System - Ballast - Phase 1
Moisture Corrected Thorium-232

Data groups: RSS1_2844_09-11-2006; _2968_10-19-2006
RSS2_1533_10-19-2006
RSS3_1461_06-06-2006,1765_10-17-2006; _1768_10-19-2006
RSS4_1548_08-31-2006

Measurement Period: 08-31-2006 thru 10-19-2006



NaI Th-232 (pCi/g)
-9999 to 3.4
3.4 to 9999

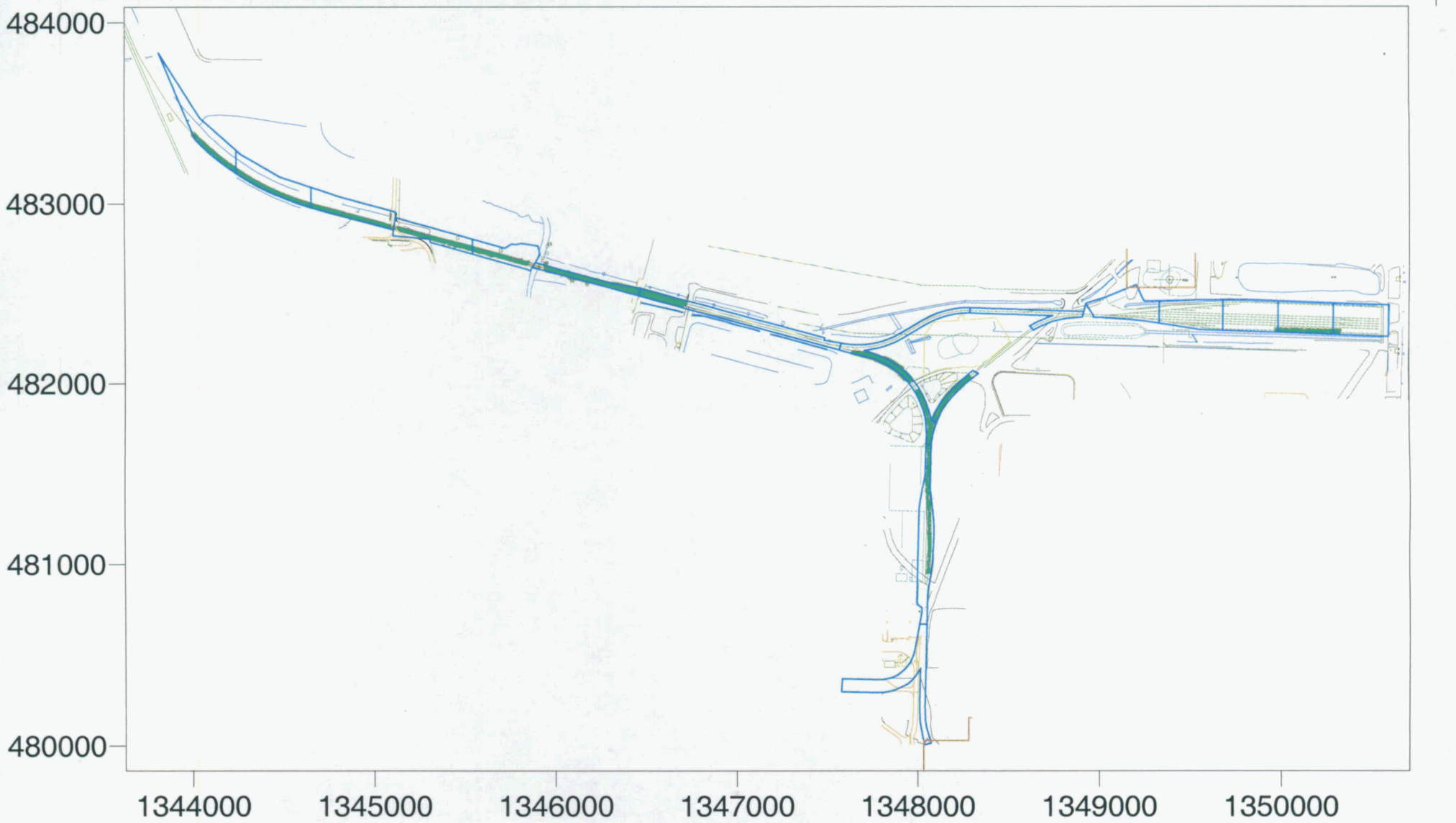
Certification Boundary

RTIMP DWG ID: RAIL_BALLAST_P1_Th.srf
Project ID:Gen Char Site Soils Remed 20300-PSP-0011
Prepared: M. Frank 10-20-2006
Support Data: RAIL_BALLAST_P1.xls

Figure B-4 Area 6 Sitewide Rail Line System - Ballast - Phase 1
Moisture Corrected Total Uranium

Data groups: RSS1_2844_09-11-2006; _2968_10-19-2006
RSS2_1533_10-19-2006
RSS3_1461_06-06-2006,1765_10-17-2006; _1768_10-19-2006
RSS4_1548_08-31-2006

Measurement Period: 08-31-2006 thru 10-19-2006



NaI TU ppm
-9999 to 246
246 to 9999

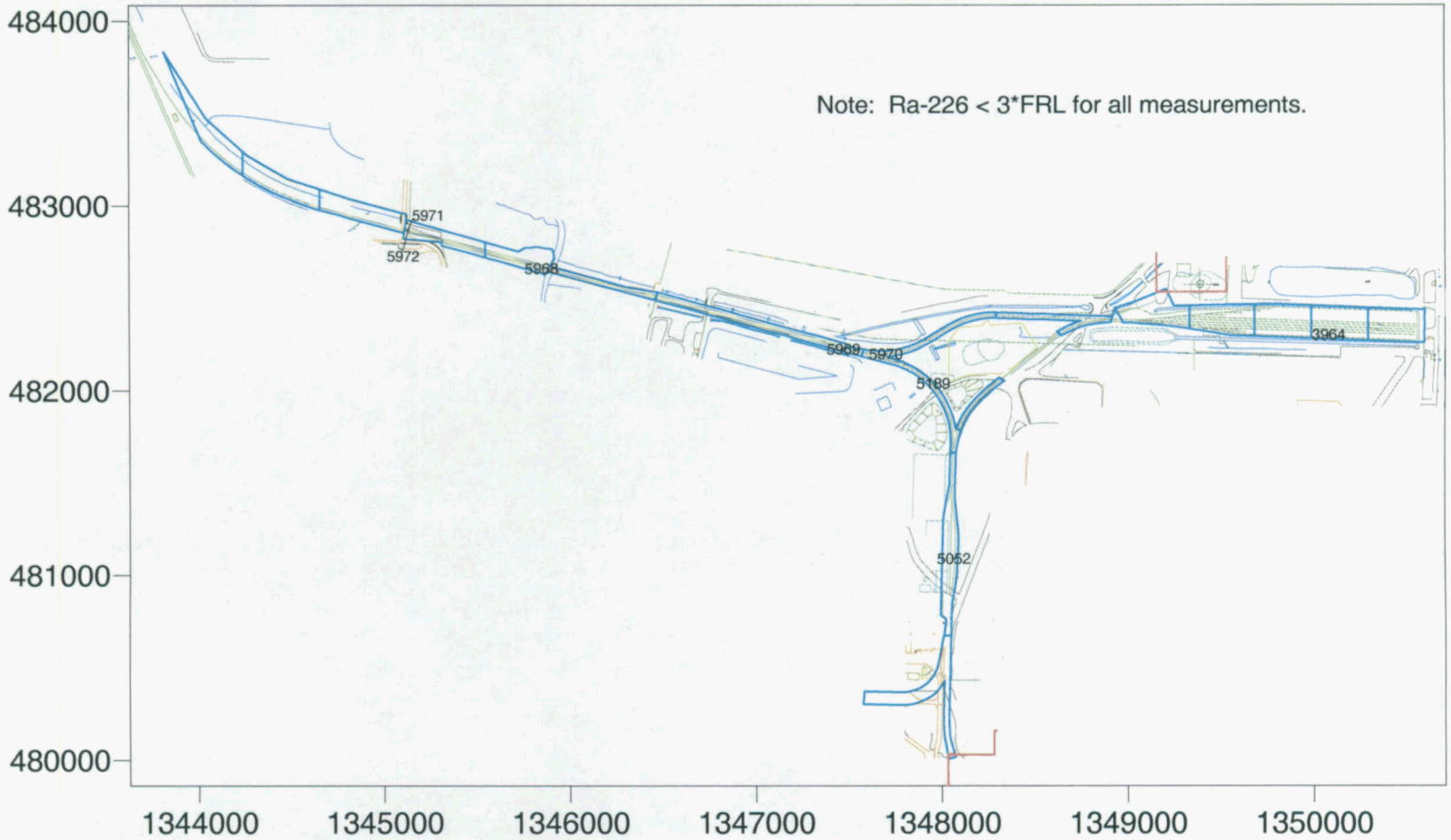
Certification Boundary

RTIMP DWG ID: RAIL_BALLAST_P1_TU.srf
Project ID:Gen Char Site Soils Remed 20300-PSP-0011
Prepared: M. Frank 10-20-2006
Support Data: RAIL_BALLAST_P1.xls

Figure B-5 Sitewide Rail Line System - Ballast Phase 2
Moisture Corrected Radium-226

Data groups:30699_06-06-2006,09-01-2006, 10-20-2006
40293_09-25-2006

Measurement Period: 06-06-2006 thru 10-20-2006



N

Certification Boundary

High Leachate Boundary

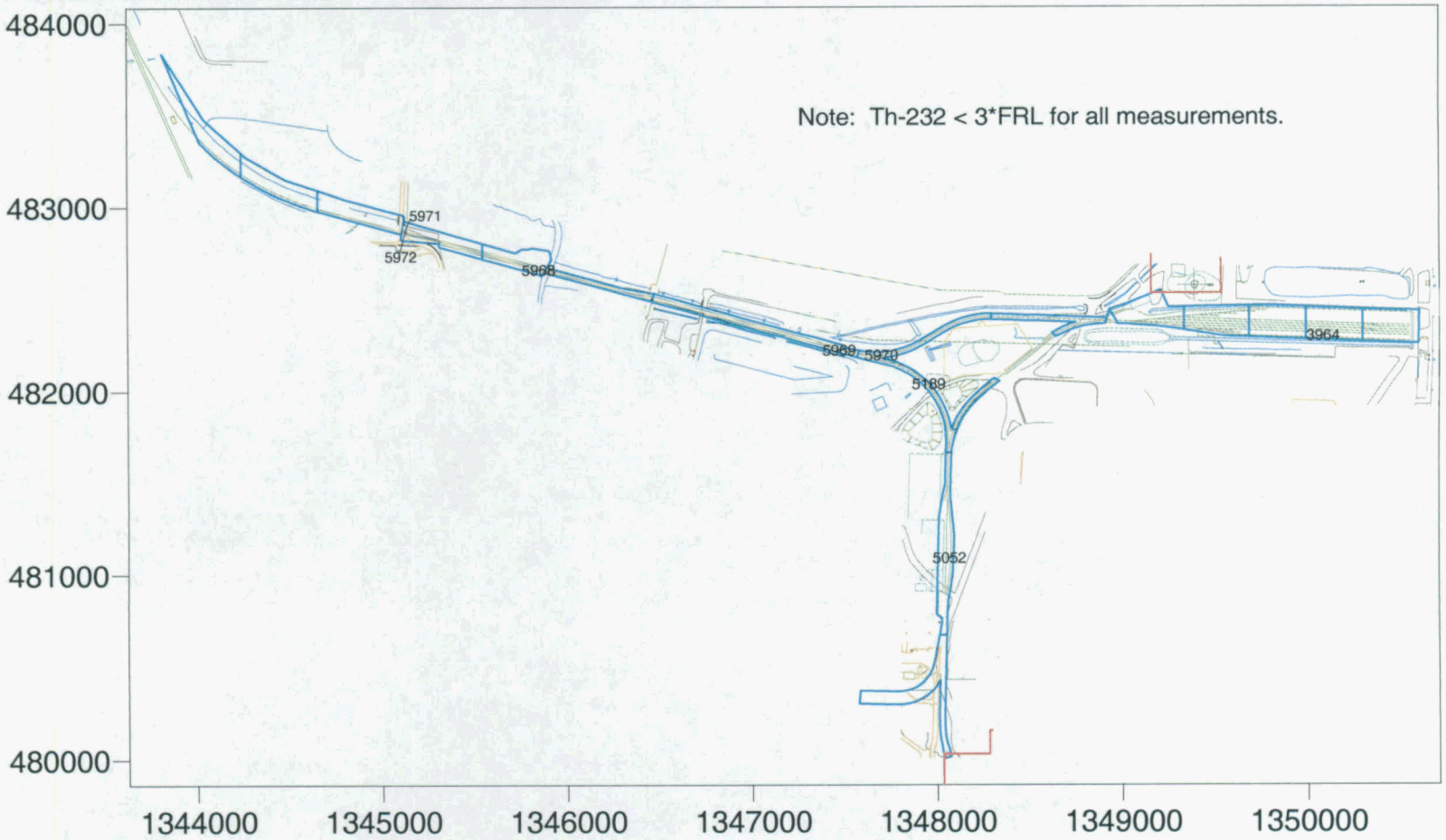
HPGe Ra-226 (pCi/g)
- 0 to 5.1
- 5.1 to 9999

RTIMP DWG ID: RAIL_Ballast_P2_Ra.srf
Project ID:Gen Char Site Soils Remed 20300-PSP-0011
Prepared: M. Frank 10-22-2006
Support Data: RAIL_Ballast_P2.xls

Figure B-6 Sitewide Rail Line System - Ballast Phase 2
Moisture Corrected Thorium-232

Data groups:30699_06-06-2006,09-01-2006, 10-20-2006
40293_09-25-2006

Measurement Period: 06-06-2006 thru 10-20-2006



Certification Boundary

High Leachate Boundary

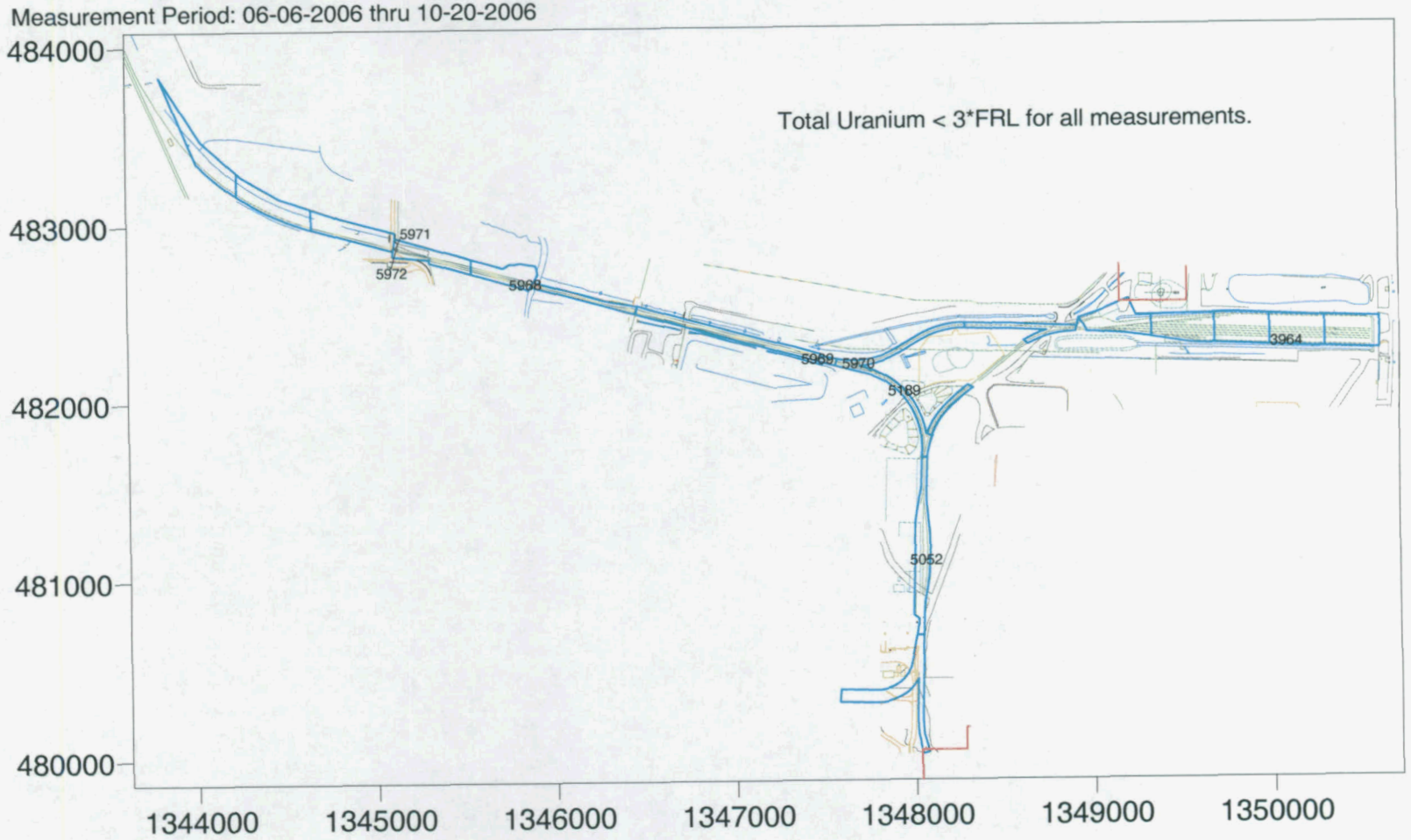
HPGe Th-232 (pCi/g)
- 0 to 3.4
- 3.4 to 9999

RTIMP DWG ID: RAIL_Ballast_P2_Th.srf
Project ID:Gen Char Site Soils Remed 20300-PSP-0011
Prepared: M. Frank 10-22-2006
Support Data: RAIL_Ballast_P2.xls

Figure B-7 Sitewide Rail Line System - Ballast Phase 2
Moisture Corrected Total Uranium

Data groups:30699_06-06-2006,09-01-2006, 10-20-2006
40293_09-25-2006

Measurement Period: 06-06-2006 thru 10-20-2006



Certification Boundary

High Leachate Boundary

HPGe TU ppm
- 0 to 246
- 246 to 9999

RTIMP DWG ID: RAIL_Ballast_P2_TU.srf
Project ID:Gen Char Site Soils Remed 20300-PSP-0011
Prepared: M. Frank 10-22-2006
Support Data: RAIL_Ballast_P2.xls

APPENDIX C

V/FCNS 20600-PSP-0016-48, 20600-PSP-0016-101, 20600-PSP-0016-106, 20600-PSP-0016-107, and 20600-PSP-0016-109, 20600-PSP-0016-110

VARIANCE / FIELD CHANGE NOTICE	Significant? (Yes or No): NO	V/F: 20600-PSP-0016-48
WBS NO.: PROJECT/DOCUMENT/ECDC # 20600-PSP-0016 Rev.0		Page: 1 of 22
PROJECT TITLE: Project Specific Plan For Excavation Control And Precertification of the Area 6 Waste Pits and General Area		Date: 12/14/05

VARIANCE / FIELD CHANGE NOTICE (Include justification):

This Variance/Field Change Notice (V/FCN) documents the collection of physical soil samples for precertification of the Sitewide Rail Line System Area, which is shown on Figure 1.

The selection of precertification sampling locations was conducted according to Section 3.4.2 of the Sitewide Excavation Plan. The defined area was gridded in the same manner defined for group 1 CUs. During this gridding process, 16 areas were defined (see Figure 2 and 3). Each of these defined areas was then sub-divided into 16 approximately equal sub-areas. Sample locations were then generated by randomly selecting an easting and northing coordinate within the boundaries of each sub-area, then testing those locations against the minimum distance criteria for each defined area to ensure that all 16 random locations have sufficient spacing. If the minimum distance criteria were not met, an alternative random location was selected for that sub-area, and all the locations were re-tested. This process continued until all random locations met the minimum distance criteria as defined by the SEP.

All Sitewide Rail Line System sub-areas and planned precertification sampling locations are shown on Figures 4 through 12. As stated in the Excavation Plan for Area 6 Waste Pits and General Area (DOE 2005), samples collected from the western half of the railyard will include sampling of both native and fill soil. These locations are identified in Attachment 3. The top 0 to 6 inches from each type of soil shall be collected for analysis. Based on topography evaluations completed during predesign, the sampling depth for the native soil has been defined for each sample location, and is provided in Attachment 3. For the remaining areas, samples will be collected for analysis from the top 0 to 6 inches of native soil. Four of the 16 sample locations are designated with a "V", indicating that these are archive sample locations. Archive samples will not be collected unless they are needed for additional analysis. One sample location in each of the defined areas has been designated with a "D", indicating a field duplicate sample collection location.

Each sample location will be surveyed (by the surveying group) prior to sampling. Because the majority of the samples will be collected from the top 0 to 6 inches of native soil that is underlying ballast material used to build up the ground that holds the railroad tracks, it will be necessary for the sampling team to complete a field walk down to identify locations requiring a penetration permit. Sample locations may only be moved (greater than 3 feet) with the concurrence of characterization personnel. See, Attachment 1 for the Sampling and Analytical Requirements, Attachment 2 for the Target Analyte Lists, and Attachment 3 for the Sample Identifiers and Locations.

Soil samples will be collected in accordance with procedure SMPL-01, "Solids Sampling". All activities associated with this sampling event will comply with Data Quality Objective SL-052, Revision 3.

If "push tubes" are used for sample collection, two container blanks will be collected – one before sample collection begins and one at the conclusion of sample collection. The container blank samples will be analyzed for the radiological and the metal COCs as identified in Attachments 2 and 3. If an alternate sample collection method is used, one rinsate will be collected at a minimum frequency of one per 20 pieces of equipment reused in the field. Rinsates and/or container blanks will be analyzed for the same rad and metal TALs from the precertification area sampled. A trip blank is required if VOC samples are being collected. The frequency for a trip blank is one per day, or one per batch of 20 samples collected, or one per cooler to be shipped, whichever is more frequent.

All field data will be validated. Sample analyses will be conducted to Analytical Support Level (ASL) D or E, where all requirements for ASL E are the same as ASL D except the minimum detection level for the selected analytical method must be at least 10 percent of the FRL. A minimum of 10 percent of the laboratory data will be validated to Validation Support Level (VSL) D with the remainder validated to VSL B. Specifically, samples collected from areas RLS-C04, RLS-C05, RLS-C07, RLS-C10, and RLS-C11 will be validated to VSL D.

VARIANCE / FIELD CHANGE NOTICE	Significant? (Yes or No): NO	V/F: 20600-PSP-0016-48
WBS NO.: PROJECT/DOCUMENT/ECDC # 20600-PSP-0016 Rev.0		Page: 2 of 22
PROJECT TITLE: Project Specific Plan For Excavation Control And Precertification of the Area 6 Waste Pits and General Area		Date: 12/14/05

As shown on Attachment 1, each sample will be assigned a unique sample ID number as *Remediation Area-C##-Location^F or N-x-Analysis-QC*, where:

RLS	= Sample Collected from the Rail Line System
C##	= Precertification Area from which sample is collected (01 through 16)
Location	= Sample location number within Precertification Area (1 through 16)
^	= Separates location number and analysis type
F	= For use with samples as identified in Attachment 3; identifies soils as "fill" soil.
N-*x*	= For use with samples as identified in Attachment 3; identifies soil as "native" soil and *x* defines the depth interval indicator equal to two times the bottom depth for the respective interval and is measured in feet, i.e., "2" = 2 x 1.
Analysis	= "R" = radiological; "M" = metals; "P" = pesticides and/or PCBs; "S" = semi-volatiles or PAHs; "L" = VOCs
QC	= "V" = archive sample; "D" = duplicate sample; "Y1" = first container blank; "X1" = first rinsate; "TB1" = first trip blank

Surveying Required: Yes - by surveying group.
Field QC Samples Required: Yes
Field Data Validation: Yes
Analytical Data Validation: Yes - VSL B/D (90/10).
Off-site Data Package Requirements (as applicable): ASL D. A 10-day TAT is required for the final data package and EDD reporting of all non-gamma analyses. For gamma analysis, a preliminary EDD is due on a 10-day TAT; a final data package and EDD is to be reported on a 30-day TAT (see Attachment 1).

Historical Data for shipping: 23.5 mg/kg total uranium from boring location A6-SA3-8.

Justification:

As required by the SEP, all soil demonstrated to contain contamination above the associated FRLs and other applicable action levels was evaluated for remedial action. Historical and Predesign data for the Sitewide Rail Line System Area was collected during the RI/FS and various predesign investigations. Based on the results of sampling activities discussed in the below-listed documents, it has been determined that no further remedial activities are needed.

- Post-Excavation As-Built Report for Area 7, Phase 1 (DOE 2004)
- Excavation Plan for Area 6 Waste Pits and General Area (DOE 2005)
- Excavation Plan for Area 7 Silos and General Area (DOE 2005)
- Excavation Plan for Area 7 Support and Silos Process Area (DOE 2005)

The sampling activities outlined in this V/FCN are an effort to illustrate that moving forward with the precertification/certification process in this area is an acceptable course of action.

REQUESTED BY: Denise Arico Date: 12/14/05

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE: R. Fabio	1-5-06	X	PROJECT MANAGER: J.D. Chou	12/27/05
	DATA QUALITY MANAGEMENT		X	CHARACTERIZATION MANAGER: F. Miller	12/21/05
X	ANALYTICAL CUSTOMER SUPPORT: Paul B. McGregor	1/10/06		RTIMP Manager	
	WAO		X	SAMPLING MANAGER: T. Buhrtage for T.E.B.	1/3/06

VARIANCE/FCN APPROVED [X]YES [ ]NO REVISION REQUIRED: [ ]YES [X]NO

DISTRIBUTION

PROJECT MANAGER:	DOCUMENT CONTROL: Jeannie Rosser	OTHER:
QUALITY ASSURANCE:	CHARACTERIZATION MANAGER: Frank Miller	OTHER:
FIELD MANAGER:	OTHER:	OTHER:

ATTACHMENT 1
SAMPLING AND ANALYTICAL REQUIREMENTS

TAL(s)	Method[a]	Matrix	Preserve	Hold Time	TAT[e]	Container[b]	Minimum Mass/Volume
Any combination of Rads/Metals/PCBs/ SVOCs and/or Fluoride (TALs MVT,MDSVA1, MDWTU, MDOTU, MDSXT, MDNWQP, MDNZQP)	Gamma Spec, Alpha Spec, and LSC	Solid	Cool, 4° C	12 months	10 day prelim[e] 30 day final[e]	Glass with Teflon-lined lid	700 g (1500 g)[c]
	ICP/AES or ICP/MS			6 months	10 day[e]		
	GC			14 days	10 day[e]		
	GC			14 days	10 day[e]		
	IC			28 days	10 day[e]		
Rads/Metals (TALs MDY)	Gamma Spec	Solids	Cool, 4° C	12 months	10 day prelim[e] 30 day final[e]	Plastic core liner or glass or polyethylene sample container	300 g (900g)[c]
	ICP/AES or ICP/MS			6 months	10 day[e]		
Rads (TAL M)	Gamma Spec	Solids	None	12 months	10 day prelim[e] 30 day final[e]	Plastic or Stainless Steel core liner or glass or polyethylene sample container	300 g (900 g)[c]
VOCs (TAL I)	GC/MS	Solid	Cool, 4° C	48 hours	10 day[e]	3 x 1-Encore Sampler[c] plus 1 x 2-oz jar for % moisture	Each full Encore Sampler[c] will hold approx. 5 g
Rads (TALs M, MD, MDS, MDN)[d]	Gamma Spec, Alpha Spec, and LSC	Liquid (rinsate[d])	HNO_3 pH<2	6 months	10 day prelim[e] 30 day final[e]	Polyethylene	4 liters
Metals and/or Fluoride (TALs O, V, W, Y, X or Z)[d]	ICP/AES, ICP/MS, or ISE	Liquid (rinsate[d])	HNO_3 pH<2	6 months	10 day[e]	Glass with Teflon lined lid	500 ml
VOCs (TAL I)	GC/MS	Liquid (trip blank only)	H_2SO_4 pH<2 Cool, 4° C	14 days	10 day[e]	3 x 40-ml glass with teflon-lined septa	120 ml (no headspace)

[a] Samples will be analyzed according to ASL D requirements but the minimum detection level may cause some analyses to be considered ASL E.

[b] Sample container types may be changed at the direction of the Field Sampling Lead, as long as the volume requirements, container compatibility requirements, and SCQ requirements are met.

[c] t the direction of the Field Sampling Lead, triple the specified volume must be collected for all samples at one location in the CU in order for the contract laboratory to perform the required quality control analysis. The samples shall be identified on the Chain of Custody/Request for Analysis forms as "designated for laboratory QC".

[d] If "push tubes" are used for sampling, the off-site laboratories will be sent container blanks. If an alternative sample method is used, the Field Technicians will collect a rinsate(s). Rinsate and container blank samples will only be analyzed for rads and metals.

[e] 10-day TAT is required for the final data package and EDD reporting of all non-gamma analyses. For gamma analysis, a preliminary EDD is due on a 10-day TAT; a final data package and EDD is to be reported on a 30-day TAT.

ATTACHMENT 2
TARGET ANALYTE LISTS

20600-PSP-0016-D
(Radiological - ASL D/E*)

Analyte	On-Property FRL[a]	MDL
Technetium-99	29.1 pCi/g	2.91 pCi/g

20600-PSP-0016-I
(VOCs - ASL D/E*)

Analyte	On-Property FRL	MDL
1,1-Dichloroethene	0.41 mg/kg	0.041 mg/kg
Bromodichloromethane	4.0 mg/kg	0.4 mg/kg
Tetrachloroethene	3.6 mg/kg	0.36 mg/kg

20600-PSP-0016-M
(Radiological - ASL D/E*)

Analyte	On-Property FRL	MDL
Total Uranium	82 mg/kg	8.2 mg/kg
Radium-226	1.7 pCi/g	0.17 pCi/g
Radium-228	1.8 pCi/g	0.18 pCi/g
Thorium-228	1.7 pCi/g	0.17 pCi/g
Thorium-232	1.5 pCi/g	0.15 pCi/g

20600-PSP-0016-N
(Radiological – ASL D/E*)

Analyte	On-Property FRL	MDL
Cesium-137	1.4 pCi/g	0.14 pCi/g
Thorium-230	280 pCi/g	28 pCi/g

20600-PSP-0016-O
(Metals – ASL D/E*)

Analyte	On-Property FRL	MDL
Antimony	*10.0 mg/kg*	*1.0 mg/kg*
Arsenic	12 mg/kg	1.2 mg/kg
Beryllium	1.5 mg/kg	0.15 mg/kg
Cadmium	*5.0 mg/kg*	*0.5 mg/kg*
Silver	*10.0 mg/kg*	*1.0 mg/kg*
Fluoride	78000 mg/kg	7800 mg/kg

20600-PSP-0016-P[c]
(PAHs - ASL D/E*)

Analyte	On-Property FRL/*BTV*[b]	MDL
Benzo(a)pyrene	*1.0 mg/kg*	*0.1 mg/kg*
Benzo(b)fluoranthene	*1.0 mg/kg*	*0.1 mg/kg*
Dibenzo(a,h)anthracene	*0.088 mg/kg*	*0.0088 mg/kg*
Indeno(1,2,3-cd)pyrene	*1.0 mg/kg*	*0.10 mg/kg*

ATTACHMENT 2
TARGET ANALYTE LISTS
(continued)

20600-PSP-0016-Q
(Pesticides - ASL D/E*)

Analyte	On-Property FRL	MDL
Aroclor-1254	0.13 mg/kg	0.013 mg/kg
Aroclor-1260	0.13 mg/kg	0.013 mg/kg
Dieldrin	0.015 mg/kg	0.0015 mg/kg

20600-PSP-0016-S
(Radiological – ASL D/E*)

Analyte	On-Property FRL	MDL
Thorium-230	280 pCi/g	28 pCi/g

20600-PSP-0016-T
(PCBs - ASL D/E*)

Analyte	On-Property FRL	MDL
Aroclor-1254	0.13 mg/kg	0.013 mg/kg
Aroclor-1260	0.13 mg/kg	0.013 mg/kg

20600-PSP-0016-U[c]
(PAHs - ASL D/E*)

Analyte	On-Property FRL/*BTV*[b]	MDL
Benzo(a)anthracene	*1.0 mg/kg*	*0.1 mg/kg*
Benzo(a)pyrene	*1.0 mg/kg*	*0.1 mg/kg*
Benzo(b)fluoranthene	*1.0 mg/kg*	*0.1 mg/kg*
Dibenzo(a,h)anthracene	*0.088 mg/kg*	*0.0088 mg/kg*
Indeno(1,2,3-cd)pyrene	*1.0 mg/kg*	*0.10 mg/kg*
Carbazole	12 mg/kg	1.2 mg/kg

20600-PSP-0016-V
(Metals - ASL D/E*)

Analyte	On-Property FRL/*BTV*[b]	MDL
Arsenic	12 mg/kg	1.2 mg/kg
Beryllium	1.5 mg/kg	0.15 mg/kg

20600-PSP-0016-W
(Metals - ASL D/E*)

Analyte	On-Property FRL/*BTV*[b]	MDL
Antimony	*10.0 mg/kg*	*1.0 mg/kg*
Arsenic	12 mg/kg	1.2 mg/kg
Beryllium	1.5 mg/kg	0.15 mg/kg
Silver	*10.0 mg/kg*	*1.0 mg/kg*
Fluoride	78000 mg/kg	7800 mg/kg

ATTACHMENT 2
TARGET ANALYTE LISTS
(continued)

20600-PSP-0016-X
(Metals - ASL D/E*)

Analyte	On-Property FRL/*BTV*[b]	MDL
Antimony	*10.0 mg/kg*	*1.0 mg/kg*
Cadmium	*5.0 mg/kg*	*0.5 mg/kg*

20600-PSP-0016-Y
(Metals - ASL D/E*)

Analyte	On-Property FRL/*BTV*[b]	MDL
Antimony	*10.0 mg/kg*	*1.0 mg/kg*
Beryllium	1.5 mg/kg	0.15 mg/kg

20600-PSP-0016-Z
(Metals - ASL D/E*)

Analyte	On-Property FRL/*BTV*[b]	MDL
Antimony	*10.0 mg/kg*	*1.0 mg/kg*
Arsenic	12 mg/kg	1.2 mg/kg
Beryllium	1.5 mg/kg	0.15 mg/kg
Fluoride	78000 mg/kg	7800 mg/kg

20600-PSP-0016-A1[c]
(PAHs - ASL D/E*)

Analyte	On-Property FRL/*BTV*[b]	MDL
Benzo(a)anthracene	*1.0 mg/kg*	*0.1 mg/kg*
Benzo(a)pyrene	*1.0 mg/kg*	*0.1 mg/kg*
Benzo(b)fluoranthene	*1.0 mg/kg*	*0.1 mg/kg*
Benzo(g,h,i)perylene	*1.0 mg/kg*	*0.1 mg/kg*
Benzo(k)fluoranthene	*1.0 mg/kg*	*0.1 mg/kg*
Chrysene	*1.0 mg/kg*	*0.1 mg/kg*
Dibenzo(a,h)anthracene	*0.088 mg/kg*	*0.0088 mg/kg*
Fluoranthene	*10.0 mg/kg*	*1.0 mg/kg*
Indeno(1,2,3-cd)pyrene	*1.0 mg/kg*	*0.10 mg/kg*
Phenanthrene	*5.0 mg/kg*	*0.5 mg/kg*
Pyrene	*10.0 mg/kg*	*1.0 mg/kg*

[a]The MDL for technetium-99 is 10 percent of the WAC limit, which is lower than the FRL.

[b]BTV applies to Ecological COCs.

[c]The MDLs for TALs P, U, and A1 are 10 percent of the BTV, which is lower than the FRLs.

*Analytical requirements will meet ASL D but the MDL may cause some analyses to be considered ASL E.

ATTACHMENT 3
SITEWIDE RAIL LINE SYSTEM SAMPLE LOCATIONS AND IDENTIFIERS

CU	Location	Depth (feet)	Sample ID	TAL (Analysis)	Northing	Easting
1	C01-1	0-0.5	RLS-C01-1^F-RMP	MVT	482420.56	1349602.08
		1-1.5	RLS-C01-1^N-3-RMP	MVT		
	C01-2	0-0.5	RLS-C01-2^RMP	MVT	482420.28	1349654.87
	C01-3	0-0.5	RLS-C01-3^RMP	MVT	482447.9	1349721.36
	C01-4V	0-0.5	RLS-C01-4V	Archive	482416.08	1349782.79
	C01-5	0-0.5	RLS-C01-5^RMP	MVT	482441.61	1349871.89
	C01-6V	0-0.5	RLS-C01-6V	Archive	482410.78	1349911.14
	C01-7	0-0.5	RLS-C01-7^RMP	MVT	482423.19	1349958.5
	C01-8D	0-0.5	RLS-C01-8^RMP	MVT	482421.73	1350023.47
			RLS-C01-8^RMP-D	MVT		
	C01-9V	0-0.5	RLS-C01-9V	Archive	482405.24	1350079.1
	C01-10	0-0.5	RLS-C01-10^RMP	MVT	482430.82	1350176.3
	C01-11	0-0.5	RLS-C01-11^RMP	MVT	482414.73	1350234.01
	C01-12	0-0.5	RLS-C01-12^RMP	MVT	482397.28	1350291.08
	C01-13	0-0.5	RLS-C01-13^RMP	MVT	482430.64	1350390.04
	C01-14V	0-0.5	RLS-C01-14V	Archive	482407.28	1350434.52
	C01-15	0-0.5	RLS-C01-15^RMP	MVT	482390.68	1350518.28
	C01-16	0-0.5	RLS-C01-16^RMP	MVT	482396.82	1350581.93

ATTACHMENT 3
SITEWIDE RAIL LINE SYSTEM SAMPLE LOCATIONS AND IDENTIFIERS

CU	Location	Depth (feet)	Sample ID	TAL (Analysis)	Northing	Easting
2	C02-1	0-0.5	RLS-C02-1^F-RMP	MVT	482379.62	1349598.78
		1.5-2.0	RLS-C02-1^N-4-RMP	MVT		
	C02-2	0-0.5	RLS-C02-2^F-RMP	MVT	482364.24	1349630.44
		1.5-2.0	RLS-C02-2^N-4-RMP	MVT		
	C02-3V	0-0.5	RLS-C02-3V (fill)	Archive	482389.63	1349715.7
		0.5-1.0	RLS-C02-3V (native)	Archive		
	C02-4	0-0.5	RLS-C02-4^RMP	MVT	482388.54	1349762.51
	C02-5D	0-0.5	RLS-C02-5^RMP	MVT	482357.43	1349830
			RLS-C02-5^RMP-D	MVT		
	C02-6	0-0.5	RLS-C02-6^RMP	MVT	482355.89	1349898.44
	C02-7V	0-0.5	RLS-C02-7V	Archive	482352.66	1349969.73
	C02-8	0-0.5	RLS-C02-8^RMP	MVT	482365.05	1350029.54
	C02-9	0-0.5	RLS-C02-9^RMP	MVT	482377.22	1350083.14
	C02-10	0-0.5	RLS-C02-10^RMP	MVT	482346.75	1350143.86
	C02-11V	0-0.5	RLS-C02-11V	Archive	482357.02	1350250.91
	C02-12	0-0.5	RLS-C02-12^RMP	MVT	482383.04	1350295.29
	C02-13	0-0.5	RLS-C02-13^RMP	MVT	482338.52	1350379.07
	C02-14	0-0.5	RLS-C02-14^RMP	MVT	482337.02	1350431.75
	C02-15	0-0.5	RLS-C02-15^RMP	MVT	482363.81	1350478.39
	C02-16V	0-0.5	RLS-C02-16V	Archive	482347.1	1350551.98

ATTACHMENT 3
SITEWIDE RAIL LINE SYSTEM SAMPLE LOCATIONS AND IDENTIFIERS

CU	Location	Depth (feet)	Sample ID	TAL (Analysis)	Northing	Easting
3	C03-1	0-0.5	RLS-C03-1^F-RMP	MVT	482310.92	1349593.05
		0.5-1.0	RLS-C03-1^N-2-RMP	MVT		
	C03-2	0-0.5	RLS-C03-2^F-RMP	MVT	482296.75	1349628.47
		0.5-1.0	RLS-C03-2^N-2-RMP	MVT		
	C03-3	0-0.5	RLS-C03-3^F-RMP	MVT	482333.25	1349731.17
		0.5-1.0	RLS-C03-3^N-2-RMP	MVT		
	C03-4V	0-0.5	RLS-C03-4V	Archive	482303.5	1349760.37
	C03-5	0-0.5	RLS-C03-5^RMP	MVT	482315.89	1349847.53
	C03-6D	0-0.5	RLS-C03-6^RMP	MVT	482326.85	1349921.83
			RLS-C03-6^RMP-D	MVT		
	C03-7	0-0.5	RLS-C03-7^RMP	MVT	482297.45	1349966.01
	C03-8V	0-0.5	RLS-C03-8V	Archive	482322.04	1350052.29
	C03-9	0-0.5	RLS-C03-9^RMP	MVT	482320.52	1350107.93
	C03-10	0-0.5	RLS-C03-10^RMP	MVT	482303.47	1350176.59
	C03-11	0-0.5	RLS-C03-11^RMP	MVT	482287.63	1350229.43
	C03-12V	0-0.5	RLS-C03-12V	Archive	482299.1	1350304.19
	C03-13	0-0.5	RLS-C03-13^RMP	MVT	482269.47	1350389.95
	C03-14	0-0.5	RLS-C03-14^RMP	MVT	482281.08	1350434.9
	C03-15V	0-0.5	RLS-C03-15V	Archive	482305.95	1350508.64
	C03-16	0-0.5	RLS-C03-16^RMP	MVT	482290.65	1350563.39

ATTACHMENT 3
SITEWIDE RAIL LINE SYSTEM SAMPLE LOCATIONS AND IDENTIFIERS

CU	Location	Depth (feet)	Sample ID	TAL (Analysis)	Northing	Easting
4	C04-1	0-0.5	RLS-C04-1^RMS	MDSVA1	482449.04	1349306.03
			RLS-C04-1^L	I		
	C04-2V	0-0.5	RLS-C04-2V	Archive	482432.12	1349367.47
	C04-3	0-0.5	RLS-C04-3^F-RMS	MDSVA1	482407.44	1349266.93
			RLS-C04-3^F-L	I		
		2.5-3.0	RLS-C04-3^N-6-RMS	MDSVA1		
			RLS-C04-3^N-6-L	I		
	C04-4	0-0.5	RLS-C04-4^F-RMS	MDSVA1	482410.48	1349338.23
			RLS-C04-4^F-L	I		
		2.5-3.0	RLS-C04-4^N-6-RMS	MDSVA1		
			RLS-C04-4^N-6-L	I		
	C04-5	0-0.5	RLS-C04-5^RMS	MDSVA1	482443.55	1349423.29
			RLS-C04-5^L	I		
	C04-6V	0-0.5	RLS-C04-6V (fill)	Archive	482426.72	1349504.97
		1.0-1.5	RLS-C04-6V (native)			
	C04-7	0-0.5	RLS-C04-7^F-RMS	MDSVA1	482418.77	1349430.22
			RLS-C04-7^F-L	I		
		1.0-1.5	RLS-C04-7^N-3-RMS	MDSVA1		
			RLS-C04-7^N-3-L	I		
	C04-8	0-0.5	RLS-C04-8^F-RMS	MDSVA1	482397.37	1349503.97
			RLS-C04-8^F-L	I		
		1.5-2.0	RLS-C04-8^N-4-RMS	MDSVA1		
			RLS-C04-8^N-4-L	I		
	C04-9D	0-0.5	RLS-C04-9^F-RMS	MDSVA1	482376.63	1349288.74
		0-0.5	RLS-C04-9^F-L	I		
		0-0.5	RLS-C04-9^F-RMS-D	MDSVA1		
		0-0.5	RLS-C04-9^F-L-D	I		
		2.5-3.0	RLS-C04-9^N-6-RMS	MDSVA1		
		2.5-3.0	RLS-C04-9^N-6-L	I		
		2.5-3.0	RLS-C04-9^N-6-RMS-D	MDSVA1		
		2.5-3.0	RLS-C04-9^N-6-L-D	I		
	C04-10	0-0.5	RLS-C04-10^F-RMS	MDSVA1	482360.38	1349343.11
		0-0.5	RLS-C04-10^F-L	I		
		2.5-3.0	RLS-C04-10^N-6-RMS	MDSVA1		
		2.5-3.0	RLS-C04-10^N-6-L	I		
	C04-11	0-0.5	RLS-C04-11^F-RMS	MDSVA1	482341.97	1349306.07
			RLS-C04-11^F-L	I		
		2.0-2.5	RLS-C04-12^N-5-RMS	MDSVA1		
			RLS-C04-12^N-5-L	I		
	C04-12	0-0.5	RLS-C04-12^F-RMS	MDSVA1	482371.8	1349428.42
			RLS-C04-12^F-L	I		
		1.5-2.0	RLS-C04-12^N-3-RMS	MDSVA1		
			RLS-C04-12^N-3-L	I		
	C04-13V	0-0.5	RLS-C04-13V (fill)	Archive	482367.66	1349528.35
		1.5-2.0	RLS-C04-13V (native)			
	C04-14	0-0.5	RLS-C04-14^F-RMS	MDSVA1	482323.98	1349427.24
			RLS-C04-14^F-L	I		
		2-2.5	RLS-C04-14^N-5-RMS	MDSVA1		
			RLS-C04-14^N-5-L	I		
	C04-15	0-0.5	RLS-C04-15^F-RMS	MDSVA1	482342.9	1349469.19
			RLS-C04-15^F-L	I		
		2-2.5	RLS-C04-15^N-5-RMS	MDSVA1		
			RLS-C04-15^N-5-L	I		
	C04-16	0-0.5	RLS-C04-16^F-RMS	MDSVA1	482327.16	1349504.04
			RLS-C04-16^F-L	I		
		1-1.5	RLS-C04-16^N-3-RMS	MDSVA1		
			RLS-C04-16^N-3-L	I		

ATTACHMENT 3
SITEWIDE RAIL LINE SYSTEM SAMPLE LOCATIONS AND IDENTIFIERS

CU	Location	Depth (feet)	Sample ID	TAL (Analysis)	Northing	Easting
5	C05-1	0-0.5	RLS-C05-1^RMS	MDSVA1	482519.46	1349177.55
			RLS-C05-1^L	I		
	C05-2	0-0.5	RLS-C05-2^RMS	MDSVA1	482479.79	1349077.67
			RLS-C05-2^L	I		
	C05-3V	0-0.5	RLS-C05-3V	Archive	482472.66	1349135.09
	C05-4	0-0.5	RLS-C05-4^RMS	MDSVA1	482477.5	1349194.43
			RLS-C05-4^L	I		
	C05-5	0-0.5	RLS-C05-5^RMS	MDSVA1	482451.48	1348985.25
			RLS-C05-5^L	I		
	C05-6V	0-0.5	RLS-C05-6V	Archive	482429.66	1349021.84
	C05-7	0-0.5	RLS-C05-7^RMS	MDSVA1	482373.66	1348941.36
			RLS-C05-7^L	I		
	C05-8	0-0.5	RLS-C05-8^RMS	MDSVA1	482387.88	1349001.94
			RLS-C05-8^L	I		
	C05-9	0-0.5	RLS-C05-9^RMS	MDSVA1	482430.28	1349064.82
			RLS-C05-9^L	I		
	C05-10	0-0.5	RLS-C05-10^RMS	MDSVA1	482419.49	1349127.49
			RLS-C05-10^L	I		
	C05-11	0-0.5	RLS-C05-11^F-RMS	MDSVA1	482385.07	1349053.52
			RLS-C05-11^F-L	I		
		3.0-3.5	RLS-C05-11^N-7-RMS	MDSVA1		
			RLS-C05-11^N-7-L	I		
	C05-12V	0-0.5	RLS-C05-12V (fill)	Archive	482362.6	1349143.66
		3.0-3.5	RLS-C05-12V (native)			
	C05-13	0-0.5	RLS-C05-13^RMS	MDSVA1	482434.54	1349183.84
			RLS-C05-13^L	I		
	C05-14D	0-0.5	RLS-C05-14^RMS	MDSVA1	482433.64	1349235.07
			RLS-C05-14^L	I		
			RLS-C05-14^RMS-D	MDSVA1		
			RLS-C05-14^L-D	I		
	C05-15	0-0.5	RLS-C05-15^F-RMS	MDSVA1	482379.32	1349195.95
			RLS-C05-15^F-L	I		
		3.0-3.5	RLS-C05-15^N-7-RMS	MDSVA1		
			RLS-C05-15^N-7-L	I		
	C05-16V	0-0.5	RLS-C05-16V (fill)	Archive	482374.06	1349233.46
		2.5-3.0	RLS-C05-16V (native)			

ATTACHMENT 3
SITEWIDE RAIL LINE SYSTEM SAMPLE LOCATIONS AND IDENTIFIERS

CU	Location	Depth (feet)	Sample ID	TAL (Analysis)	Northing	Easting
6	C06-1D	0-0.5	RLS-C06-1^RMPS	MDWTU	482396.08	1348303.17
			RLS-C06-1^RMPS-D	MDWTU		
	C06-2	0-0.5	RLS-C06-2^RMPS	MDWTU	482412.3	1348449.08
	C06-3	0-0.5	RLS-C06-3^RMPS	MDWTU	482397.2	1348508.16
	C06-4V	0-0.5	RLS-C06-4V	Archive	482389.69	1348621.13
	C06-5	0-0.5	RLS-C06-5^RMPS	MDWTU	482390.11	1348741.58
	C06-6V	0-0.5	RLS-C06-6V	Archive	482390.18	1348825.05
	C06-7	0-0.5	RLS-C06-7^RMPS	MDWTU	482374.44	1348865.62
	C06-8	0-0.5	RLS-C06-8^RMPS	MDWTU	482334.97	1348689.15
	C06-9	0-0.5	RLS-C06-9^RMPS	MDWTU	482307.51	1348630.28
	C06-10V	0-0.5	RLS-C06-10V	Archive	482258.94	1348564.81
	C06-11	0-0.5	RLS-C06-11^RMPS	MDWTU	482161.25	1348468.77
	C06-12	0-0.5	RLS-C06-12^RMPS	MDWTU	482088	1348355.08
	C06-13	0-0.5	RLS-C06-13^RMPS	MDWTU	482042.72	1348288.8
	C06-14V	0-0.5	RLS-C06-14V	Archive	481987.3	1348218.51
	C06-15	0-0.5	RLS-C06-15^RMPS	MDWTU	481901.83	1348163.04
	C06-16	0-0.5	RLS-C06-16^RMPS	MDWTU	481818.42	1348113.64

ATTACHMENT 3
SITEWIDE RAIL LINE SYSTEM SAMPLE LOCATIONS AND IDENTIFIERS

CU	Location	Depth (feet)	Sample ID	TAL (Analysis)	Northing	Easting
7	C07-1V	0-0.5	RLS-C07-1V	Archive	481716.31	1348054.31
	C07-2	0-0.5	RLS-C07-2^RMPS	MDOTU	481775.39	1348062.64
	C07-3	0-0.5	RLS-C07-3^RMPS	MDOTU	481853.54	1348043.74
	C07-4	0-0.5	RLS-C07-4^RMPS	MDOTU	481932.56	1348000.7
	C07-5V	0-0.5	RLS-C07-5V	Archive	482037.36	1347955.8
	C07-6	0-0.5	RLS-C07-6^RMPS	MDOTU	482062.51	1347903.74
	C07-7	0-0.5	RLS-C07-7^RMPS	MDOTU	482124.2	1347826.32
	C07-8	0-0.5	RLS-C07-8^RMPS	MDOTU	482169.43	1347693.62
	C07-9	0-0.5	RLS-C07-9^RMPS	MDOTU	482194.06	1347613.13
	C07-10V	0-0.5	RLS-C07-10V	Archive	482194.35	1347712.21
	C07-11D	0-0.5	RLS-C07-11^RMPS	MDOTU	482231.69	1347825.4
			RLS-C07-11^RMPS-D	MDOTU		
	C07-12	0-0.5	RLS-C07-12^RMPS	MDOTU	482244.98	1347896.24
	C07-13V	0-0.5	RLS-C07-13V	Archive	482279.87	1347944.71
	C07-14	0-0.5	RLS-C07-14^RMPS	MDOTU	482353.79	1348052.38
	C07-15	0-0.5	RLS-C07-15^RMPS	MDOTU	482377.17	1348113.77
	C07-16	0-0.5	RLS-C07-16^RMPS	MDOTU	482402.4	1348242.74

ATTACHMENT 3
SITEWIDE RAIL LINE SYSTEM SAMPLE LOCATIONS AND IDENTIFIERS

CU	Location	Depth (feet)	Sample ID	TAL (Analysis)	Northing	Easting
8	C08-1	0-0.5	RLS-C08-1^RMP	MDSXT	481635.14	1348054.05
	C08-2	0-0.5	RLS-C08-2^RMP	MDSXT	481531.44	1348054.4
	C08-3V	0-0.5	RLS-C08-3V	Archive	481405.85	1348049.42
	C08-4	0-0.5	RLS-C08-4^RMP	MDSXT	481352.45	1348044.21
	C08-5D	0-0.5	RLS-C08-5^RMP	MDSXT	481289.74	1348021.51
			RLS-C08-5^RMP-D	MDSXT		
	C08-6	0-0.5	RLS-C08-6^RMP	MDSXT	481244.28	1348083.32
	C08-7	0-0.5	RLS-C08-7^RMP	MDSXT	481202.11	1348031
	C08-8V	0-0.5	RLS-C08-8V	Archive	481167.4	1348054.67
	C08-9	0-0.5	RLS-C08-9^RMP	MDSXT	481122.11	1348051.84
	C08-10	0-0.5	RLS-C08-10^RMP	MDSXT	481085.61	1348066.88
	C08-11V	0-0.5	RLS-C08-11V	Archive	481051.96	1348024.58
	C08-12	0-0.5	RLS-C08-12^RMP	MDSXT	481010.2	1348050.77
	C08-13V	0-0.5	RLS-C08-13V	Archive	480958.4	1348059.84
	C08-14	0-0.5	RLS-C08-14^RMP	MDSXT	480920.89	1348012.47
	C08-15	0-0.5	RLS-C08-15^RMP	MDSXT	480861.27	1348039.21
	C08-16	0-0.5	RLS-C08-16^RMP	MDSXT	480804.58	1348025.87

ATTACHMENT 3
SITEWIDE RAIL LINE SYSTEM SAMPLE LOCATIONS AND IDENTIFIERS

CU	Location	Depth (feet)	Sample ID	TAL (Analysis)	Northing	Easting
9	C09-1	0-0.5	RLS-C09-1^RM	MDY	480748.5	1348041.95
	C09-2	0-0.5	RLS-C09-2^RM	MDY	480661.83	1348018.35
	C09-3	0-0.5	RLS-C09-3^RM	MDY	480589.14	1348029.04
	C09-4V	0-0.5	RLS-C09-4V	Archive	480522.11	1347984.92
	C09-5	0-0.5	RLS-C09-5^RM	MDY	480486.61	1348019.74
	C09-6	0-0.5	RLS-C09-6^RM	MDY	480438.4	1348003.77
	C09-7V	0-0.5	RLS-C09-7V	Archive	480398.59	1347968.75
	C09-8	0-0.5	RLS-C09-8^RM	MDY	480365.44	1347939.82
	C09-9	0-0.5	RLS-C09-9^RM	MDY	480380.83	1347907.5
	C09-10V	0-0.5	RLS-C09-10^V	Archive	480315.17	1347866.66
	C09-11	0-0.5	RLS-C09-11^RM	MDY	480314.97	1347823.08
	C09-12	0-0.5	RLS-C09-12^RM	MDY	480344.78	1347771.98
	C09-13D	0-0.5	RLS-C09-13^RM	MDY	480309.97	1347744.26
			RLS-C09-13^RM-D	MDY		
	C09-14	0-0.5	RLS-C09-14^RM	MDY	480309.63	1347667.92
	C09-15V	0-0.5	RLS-C09-15V	Archive	480345.58	1347585.65
	C09-16	0-0.5	RLS-C09-16^RM	MDY	480338.91	1347627.29

ATTACHMENT 3
SITEWIDE RAIL LINE SYSTEM SAMPLE LOCATIONS AND IDENTIFIERS

CU	Location	Depth (feet)	Sample ID	TAL (Analysis)	Northing	Easting
10	C10-1	0-0.5	RLS-C10-1^RMPS	MDNWQP	482484.67	1346523.84
			RLS-C10-1^L	I		
	C10-2	0-0.5	RLS-C10-2^RMPS	MDNWQP	482483.14	1346580.7
			RLS-C10-2^L	I		
	C10-3	0-0.5	RLS-C10-3^RMPS	MDNWQP	482449.38	1346641.85
			RLS-C10-3^L	I		
	C10-4V	0-0.5	RLS-C10-4V	Archive	482455.65	1346695.97
	C10-5	0-0.5	RLS-C10-5^RMPS	MDNWQP	482412.99	1346785.54
			RLS-C10-5^L	I		
	C10-6V	0-0.5	RLS-C10-6V	Archive	482387.85	1346837.9
	C10-7	0-0.5	RLS-C10-7^RMPS	MDNWQP	482397.8	1346922.85
			RLS-C10-7^L	I		
	C10-8	0-0.5	RLS-C10-8^RMPS	MDNWQP	482351.77	1347001.07
			RLS-C10-8^L	I		
	C10-9	0-0.5	RLS-C10-9^RMPS	MDNWQP	482332.29	1347045.51
			RLS-C10-9^L	I		
	C10-10V	0-0.5	RLS-C10-10V	Archive	482348.2	1347092.43
	C10-11	0-0.5	RLS-C10-11^RMPS	MDNWQP	482338.37	1347162.01
			RLS-C10-11^L	I		
	C10-12D	0-0.5	RLS-C10-12^RMPS	MDNWQP	482306.33	1347215.46
			RLS-C10-12^L	I		
			RLS-C10-12^RMPS-D	MDNWQP		
			RLS-C10-12^L-D	I		
	C10-13	0-0.5	RLS-C10-13^RMPS	MDNWQP	482286.27	1347317.04
			RLS-C10-13^L	I		
	C10-14	0-0.5	RLS-C10-14^RMPS	MDNWQP	482248.63	1347384.31
			RLS-C10-14^L	I		
	C10-15V	0-0.5	RLS-C10-15V	Archive	482236.73	1347460.3
	C10-16	0-0.5	RLS-C10-16^RMPS	MDNWQP	482206.26	1347537.81
			RLS-C10-16^L	I		

ATTACHMENT 3
SITEWIDE RAIL LINE SYSTEM SAMPLE LOCATIONS AND IDENTIFIERS

CU	Location	Depth (feet)	Sample ID	TAL (Analysis)	Northing	Easting
11	C11-1D	0-0.5	RLS-C11-1^RMPS	MDNZQP	482661.1	1345898.04
			RLS-C11-1^L	I		
			RLS-C11-1^RMPS-D	MDNZQP		
			RLS-C11-1^L-D	I		
	C11-2V	0-0.5	RLS-C11-2V	Archive	482636.18	1345948.89
	C11-3	0-0.5	RLS-C11-3^RMPS	MDNZQP	482639.07	1345991.47
			RLS-C11-3^L	I		
	C11-4	0-0.5	RLS-C11-4^RMPS	MDNZQP	482620.27	1346026.66
			RLS-C11-4^L	I		
	C11-5V	0-0.5	RLS-C11-5V	Archive	482597.54	1346072.74
	C11-6	0-0.5	RLS-C11-6^RMPS	MDNZQP	482604.86	1346104.12
			RLS-C11-6^L	I		
	C11-7	0-0.5	RLS-C11-7^RMPS	MDNZQP	482586.57	1346141.37
			RLS-C11-7^L	I		
	C11-8	0-0.5	RLS-C11-8^RMPS	MDNZQP	482568.62	1346175.56
			RLS-C11-8^L	I		
	C11-9	0-0.5	RLS-C11-9^RMPS	MDNZQP	482578.83	1346219.44
			RLS-C11-9^L	I		
	C11-10V	0-0.5	RLS-C11-10V	Archive	482561.51	1346259.01
	C11-11	0-0.5	RLS-C11-11^RMPS	MDNZQP	482535.81	1346307.06
			RLS-C11-11^L	I		
	C11-12	0-0.5	RLS-C11-12^RMPS	MDNZQP	482530.18	1346333.58
			RLS-C11-12^L	I		
	C11-13	0-0.5	RLS-C11-13^RMPS	MDNZQP	482539.89	1346376.3
			RLS-C11-13^L	I		
	C11-14	0-0.5	RLS-C11-14^RMPS	MDNZQP	482514.29	1346391.84
			RLS-C11-14^L	I		
	C11-15V	0-0.5	RLS-C11-15V	Archive	482529.37	1346434.72
	C11-16	0-0.5	RLS-C11-16^RMPS	MDNZQP	482505.37	1346446.86
			RLS-C11-16^L	I		

ATTACHMENT 3
SITEWIDE RAIL LINE SYSTEM SAMPLE LOCATIONS AND IDENTIFIERS

CU	Location	Depth (feet)	Sample ID	TAL (Analysis)	Northing	Easting
12	C12-1	0-0.5	RLS-C12-1^R	M	482776.64	1345570.49
	C12-2V	0-0.5	RLS-C12-2V	Archive	482762.51	1345648.14
	C12-3	0-0.5	RLS-C12-3^R	M	482745.87	1345569.34
	C12-4	0-0.5	RLS-C12-4^R	M	482713.27	1345621.68
	C12-5	0-0.5	RLS-C12-5^R	M	482749.13	1345681.62
	C12-6	0-0.5	RLS-C12-6^R	M	482726.55	1345737.34
	C12-7V	0-0.5	RLS-C12-7V	Archive	482708.44	1345675.12
	C12-8D	0-0.5	RLS-C12-8^R-D	M	482693.14	1345755.3
			RLS-C12-8^R-D	M		
	C12-9	0-0.5	RLS-C12-9^R	M	482762.06	1345757.84
	C12-10V	0-0.5	RLS-C12-10V	Archive	482709.16	1345787.56
	C12-11	0-0.5	RLS-C12-11^R	M	482749.9	1345847.89
	C12-12	0-0.5	RLS-C12-12^R	M	482701.64	1345830.77
	C12-13	0-0.5	RLS-C12-13^R	M	482740.76	1345897.89
	C12-14	0-0.5	RLS-C12-14^R	M	482686.45	1345864.23
	C12-15V	0-0.5	RLS-C12-15V	Archive	482673.87	1345773.78
	C12-16	0-0.5	RLS-C12-16^R	M	482652.05	1345848.08

ATTACHMENT 3
SITEWIDE RAIL LINE SYSTEM SAMPLE LOCATIONS AND IDENTIFIERS

CU	Location	Depth (feet)	Sample ID	TAL (Analysis)	Northing	Easting
13	C13-1V	0-0.5	RLS-C13-1V	Archive	482906.25	1345136.47
	C13-2	0-0.5	RLS-C13-2^R	M	482881.77	1345204.08
	C13-3	0-0.5	RLS-C13-3^R	M	482870.13	1345143.05
	C13-4D	0-0.5	RLS-C13-4^R	M	482838.73	1345161.07
			RLS-C13-4^R-D	M		
	C13-5	0-0.5	RLS-C13-5^R	M	482859.54	1345264.1
	C13-6	0-0.5	RLS-C13-6^R	M	482857.43	1345320.95
	C13-7	0-0.5	RLS-C13-7^R	M	482828.88	1345202.8
	C13-8V	0-0.5	RLS-C13-8V	Archive	482828.42	1345273.81
	C13-9V	0-0.5	RLS-C13-9V	Archive	482833.21	1345349.37
	C13-10	0-0.5	RLS-C13-10^R	M	482792.26	1345351.5
	C13-11	0-0.5	RLS-C13-11^R	M	482825.25	1345433.6
	C13-12	0-0.5	RLS-C13-12^R	M	482756.81	1345429.25
	C13-13	0-0.5	RLS-C13-13^R	M	482796.94	1345486.44
	C13-14	0-0.5	RLS-C13-14^R	M	482800.99	1345533.15
	C13-15V	0-0.5	RLS-C13-15V	Archive	482763.47	1345467.87
	C13-16	0-0.5	RLS-C13-16^R	M	482743.65	1345511.93

ATTACHMENT 3
SITEWIDE RAIL LINE SYSTEM SAMPLE LOCATIONS AND IDENTIFIERS

CU	Location	Depth (feet)	Sample ID	TAL (Analysis)	Northing	Easting
14	C14-1V	0-0.5	RLS-C14-1V	Archive	483045.33	1344680.88
	C14-2	0-0.5	RLS-C14-2^R	M	483042.66	1344724.73
	C14-3	0-0.5	RLS-C14-3^R	M	482996.22	1344658.87
	C14-4	0-0.5	RLS-C14-4^R	M	482984.62	1344760.62
	C14-5	0-0.5	RLS-C14-5 ^R	M	483023.56	1344791.1
	C14-6	0-0.5	RLS-C14-6^R	M	483003.42	1344836.84
	C14-7V	0-0.5	RLS-C14-7V	Archive	482942.6	1344795.68
	C14-8	0-0.5	RLS-C14-8^R	M	482967.77	1344861.88
	C14-9V	0-0.5	RLS-C14-9V	Archive	482970.76	1344910.96
	C14-10	0-0.5	RLS-C14-10^R	M	482977.95	1344965.74
	C14-11D	0-0.5	RLS-C14-11^R	M	482918.26	1344896.08
			RLS-C14-11^R-D	M		
	C14-12	0-0.5	RLS-C14-12^R	M	482935.63	1344985.66
	C14-13	0-0.5	RLS-C14-13^R	M	482960.17	1345040.82
	C14-14V	0-0.5	RLS-C14-14V	Archive	482935.36	1345088.98
	C14-15	0-0.5	RLS-C14-15^R	M	482891.45	1345038.99
	C14-16	0-0.5	RLS-C14-16^R	M	482899.16	1345080.45

ATTACHMENT 3
SITEWIDE RAIL LINE SYSTEM SAMPLE LOCATIONS AND IDENTIFIERS

CU	Location	Depth (feet)	Sample ID	TAL (Analysis)	Northing	Easting
15	C15-1	0-0.5	RLS-C15-1^R	M	483233.93	1344271.2
	C15-2	0-0.5	RLS-C15-2^R	M	483216.47	1344319.39
	C15-3V	0-0.5	RLS-C15-3V	Archive	483187.9	1344264.09
	C15-4D	0-0.5	RLS-C15-4^R-D	M	483126.57	1344320.08
			RLS-C15-4^R-D	M		
	C15-5	0-0.5	RLS-C15-5^R	M	483194.38	1344357.1
	C15-6	0-0.5	RLS-C15-6^R	M	483143.12	1344400.27
	C15-7	0-0.5	RLS-C15-7^R	M	483118.85	1344363.48
	C15-8V	0-0.5	RLS-C15-8V	Archive	483088.46	1344419.67
	C15-9	0-0.5	RLS-C15-9^R	M	483127.71	1344442.73
	C15-10	0-0.5	RLS-C15-10^R	M	483095.66	1344506.84
	C15-11	0-0.5	RLS-C15-11^R	M	483056.92	1344489.21
	C15-12V	0-0.5	RLS-C15-12V	Archive	483044.68	1344526.86
	C15-13	0-0.5	RLS-C15-13^R	M	483100.34	1344572.52
	C15-14V	0-0.5	RLS-C15-14V	Archive	483081.43	1344641.46
	C15-15	0-0.5	RLS-C15-15^R	M	483036.49	1344582.9
	C15-16	0-0.5	RLS-C15-16^R	M	483001.61	1344636.94

ATTACHMENT 3
SITEWIDE RAIL LINE SYSTEM SAMPLE LOCATIONS AND IDENTIFIERS

CU	Location	Depth (feet)	Sample ID	TAL (Analysis)	Northing	Easting
16	C16-1	0-0.5	RLS-C16-1^R	M	483721.31	1343871.21
	C16-2	0-0.5	RLS-C16-2^R	M	483624.32	1343918.12
	C16-3	0-0.5	RLS-C16-3^R	M	483555.76	1343981.23
	C16-4V	0-0.5	RLS-C16-4V	Archive	483511.25	1343968
	C16-5	0-0.5	RLS-C16-5^R	M	483484.4	1344032.46
	C16-6	0-0.5	RLS-C16-6^R	M	483452.75	1344018.13
	C16-7V	0-0.5	RLS-C16-7V	Archive	483395.42	1344039.42
	C16-8	0-0.5	RLS-C16-8^R	M	483416.18	1344100.86
	C16-9	0-0.5	RLS-C16-9^R	M	483371.28	1344069.52
	C16-10V	0-0.5	RLS-C16-10V	Archive	483343.23	1344106.43
	C16-11	0-0.5	RLS-C16-11^R	M	483343.83	1344169.86
	C16-12	0-0.5	RLS-C16-12^R	M	483306.66	1344085.39
	C16-13	0-0.5	RLS-C16-13^R	M	483275.27	1344149.35
	C16-14D	0-0.5	RLS-C16-14^R	M	483295.42	1344215.48
			RLS-C16-14^R-D	M		
	C16-15	0-0.5	RLS-C16-15^R	M	483249.03	1344198.61
	C16-16V	0-0.5	RLS-C16-16V	Archive	483205.47	1344206.85

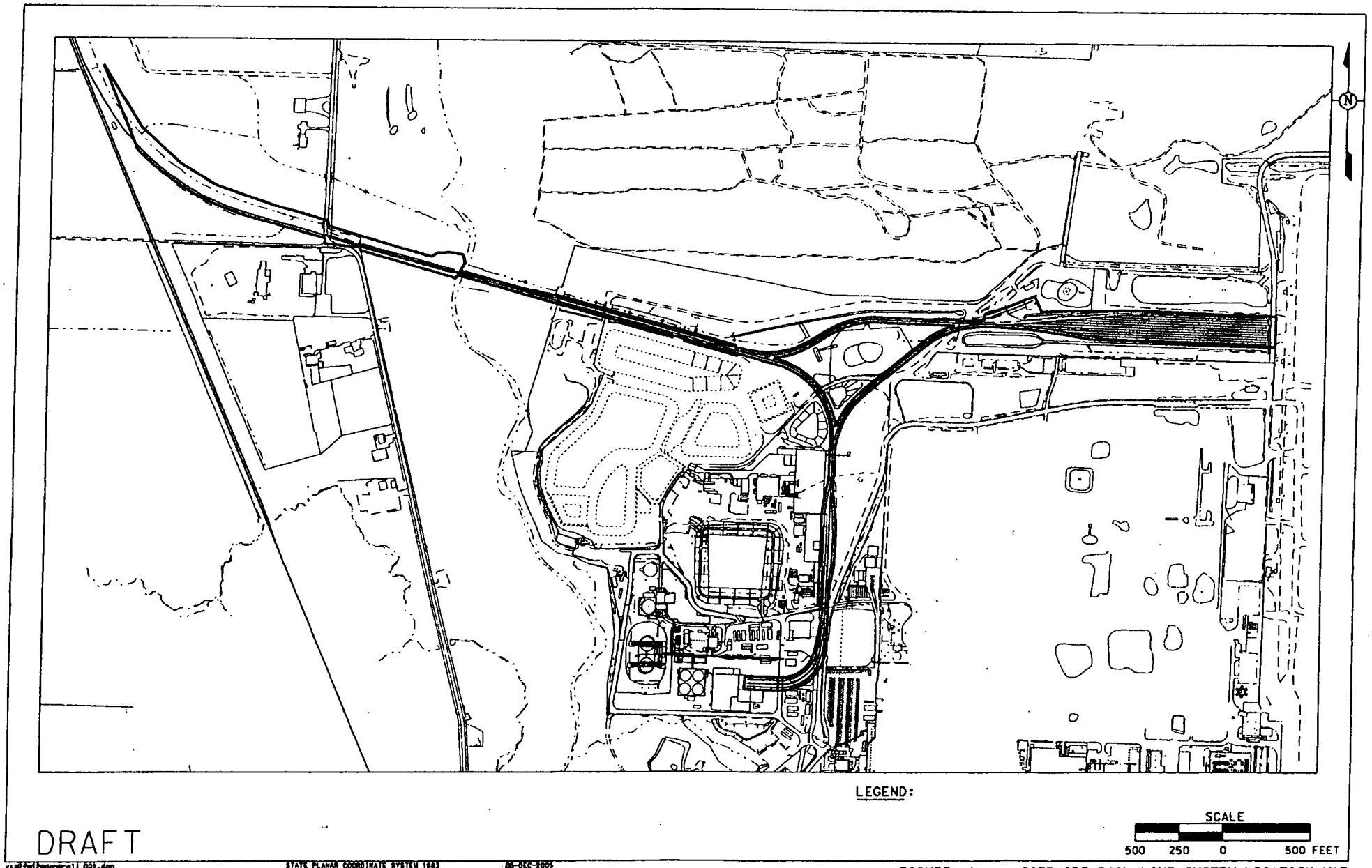
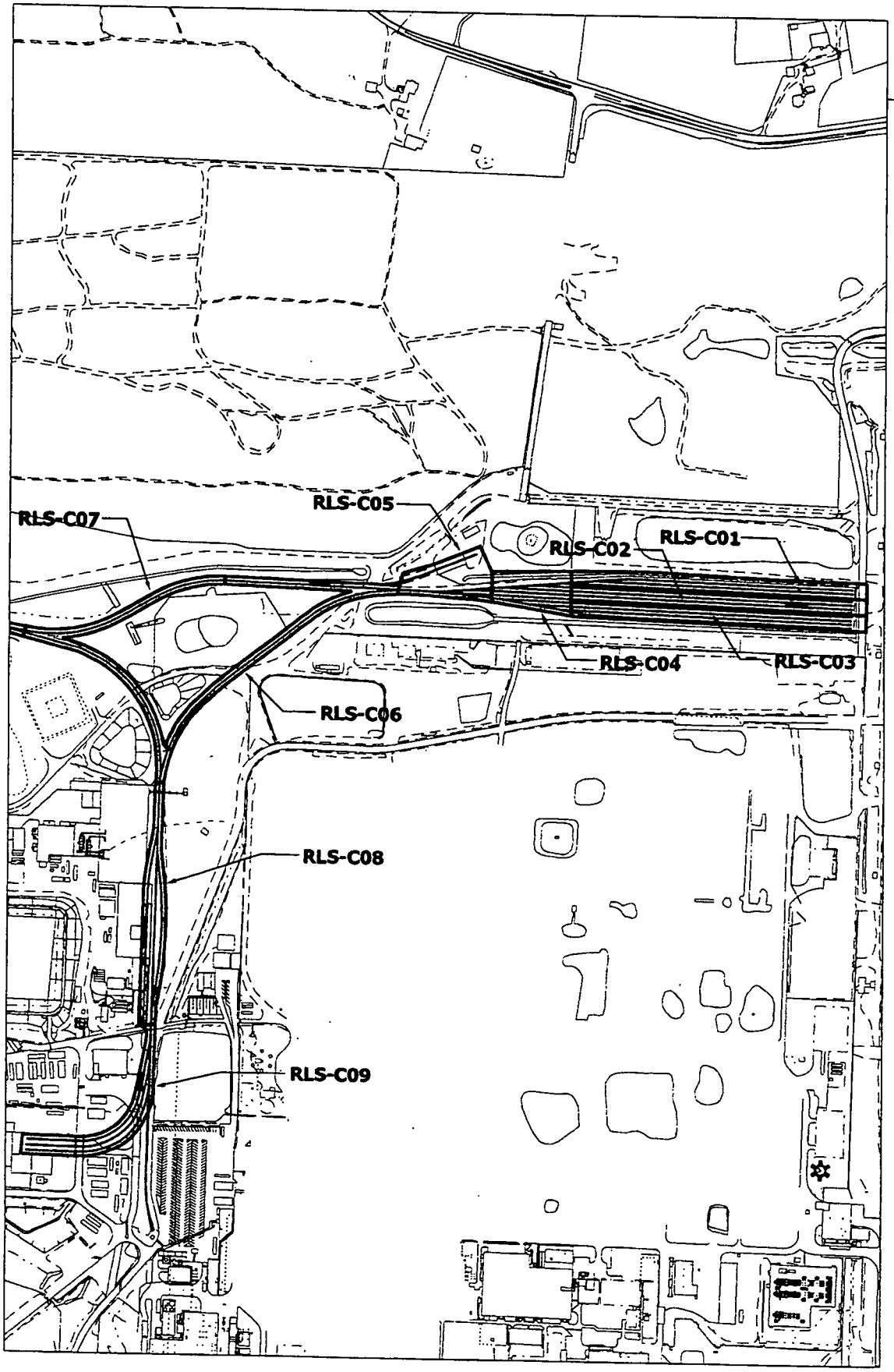


FIGURE 1 SITEWIDE RAIL LINE SYSTEM LOCATION MAP



LEGEND:

DRAFT

SCALE
350 175 0 350 FEET

FIGURE 2 SITEWIDE RAIL LINE SYSTEM CERTIFICATION AREA BOUNDARIES (CUs 1-9)

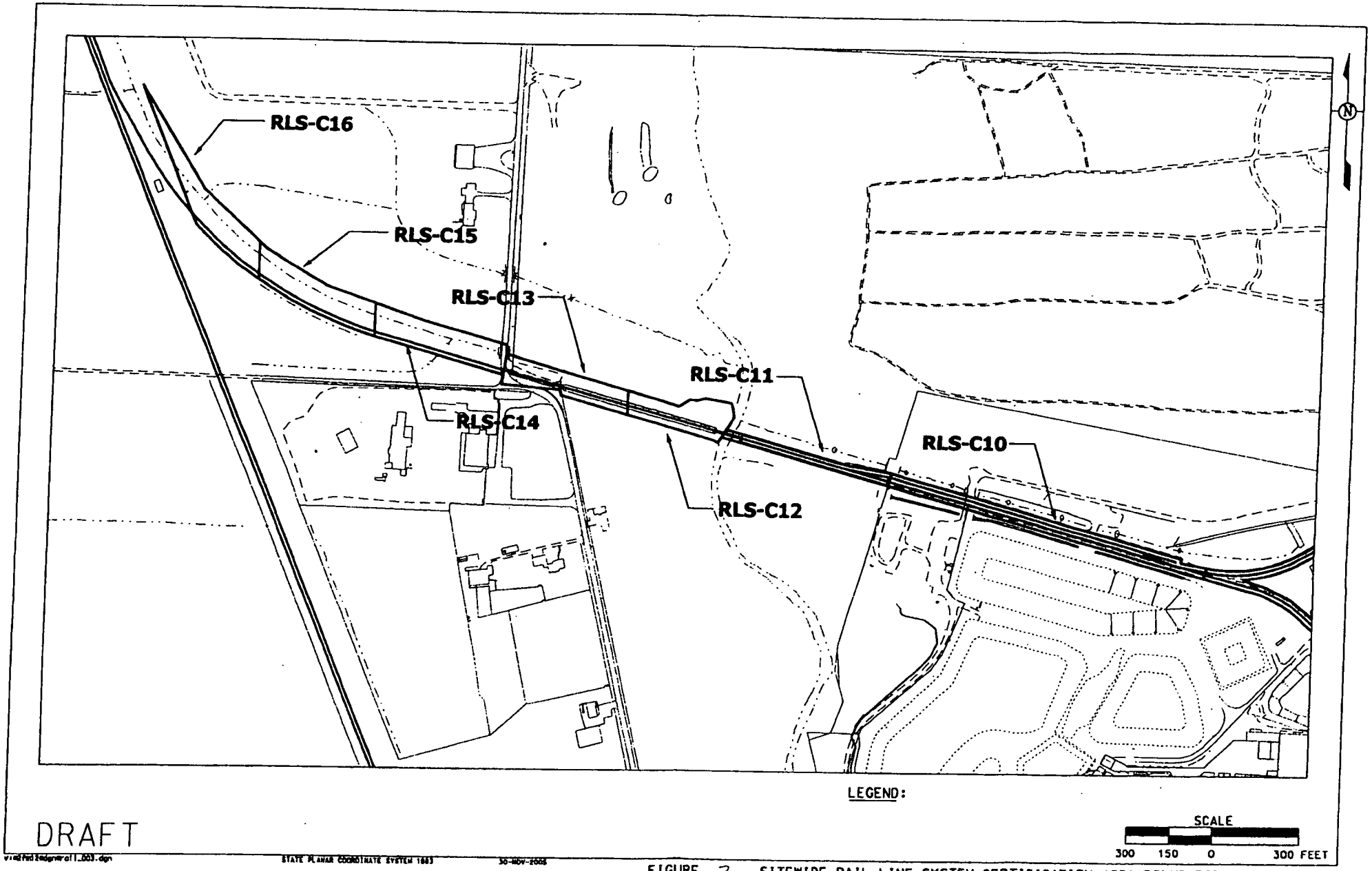


FIGURE 3 SITEWIDE RAIL LINE SYSTEM CERTIFICATION AREA BOUNDARIES (CUs 10-16)

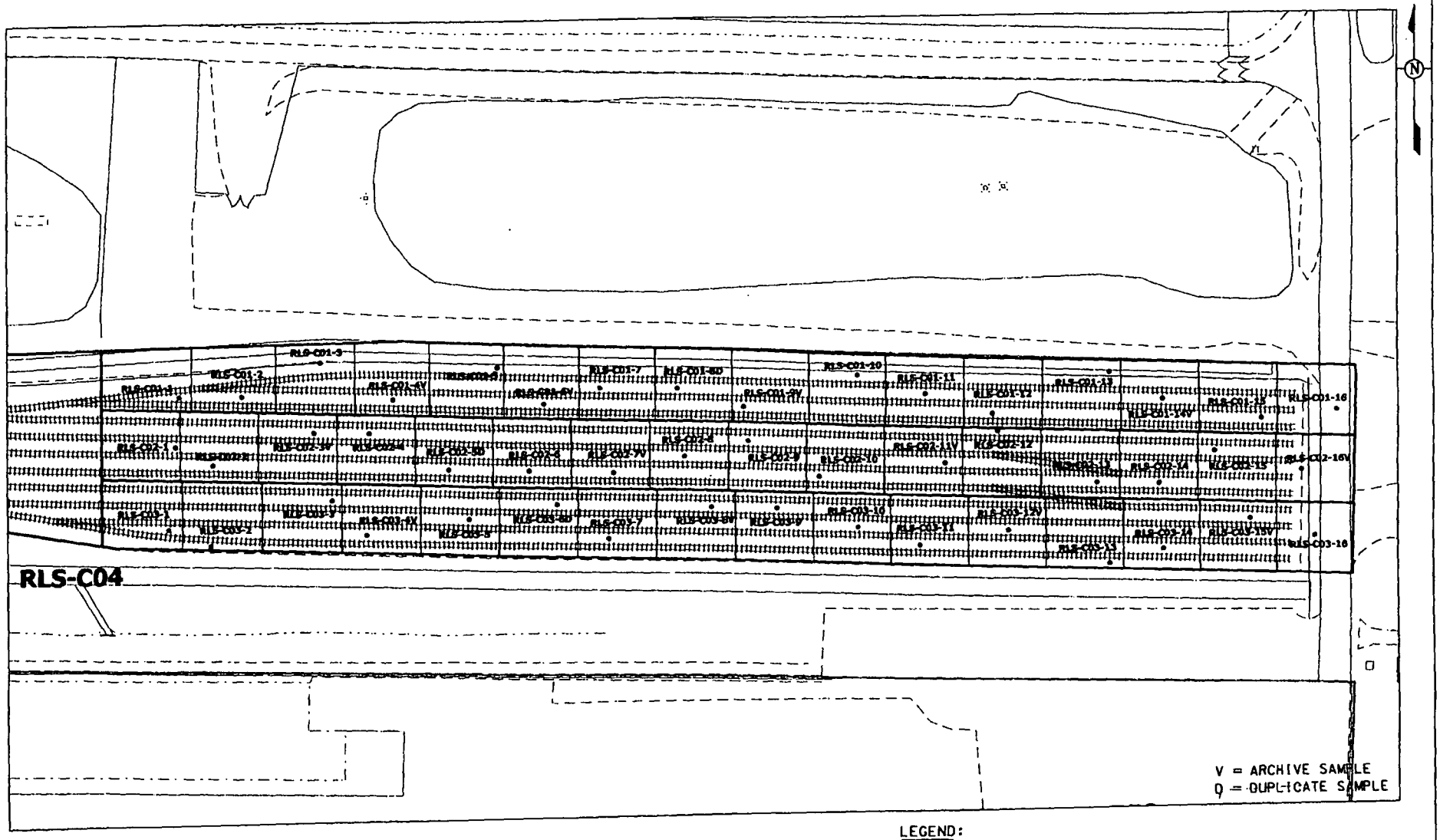
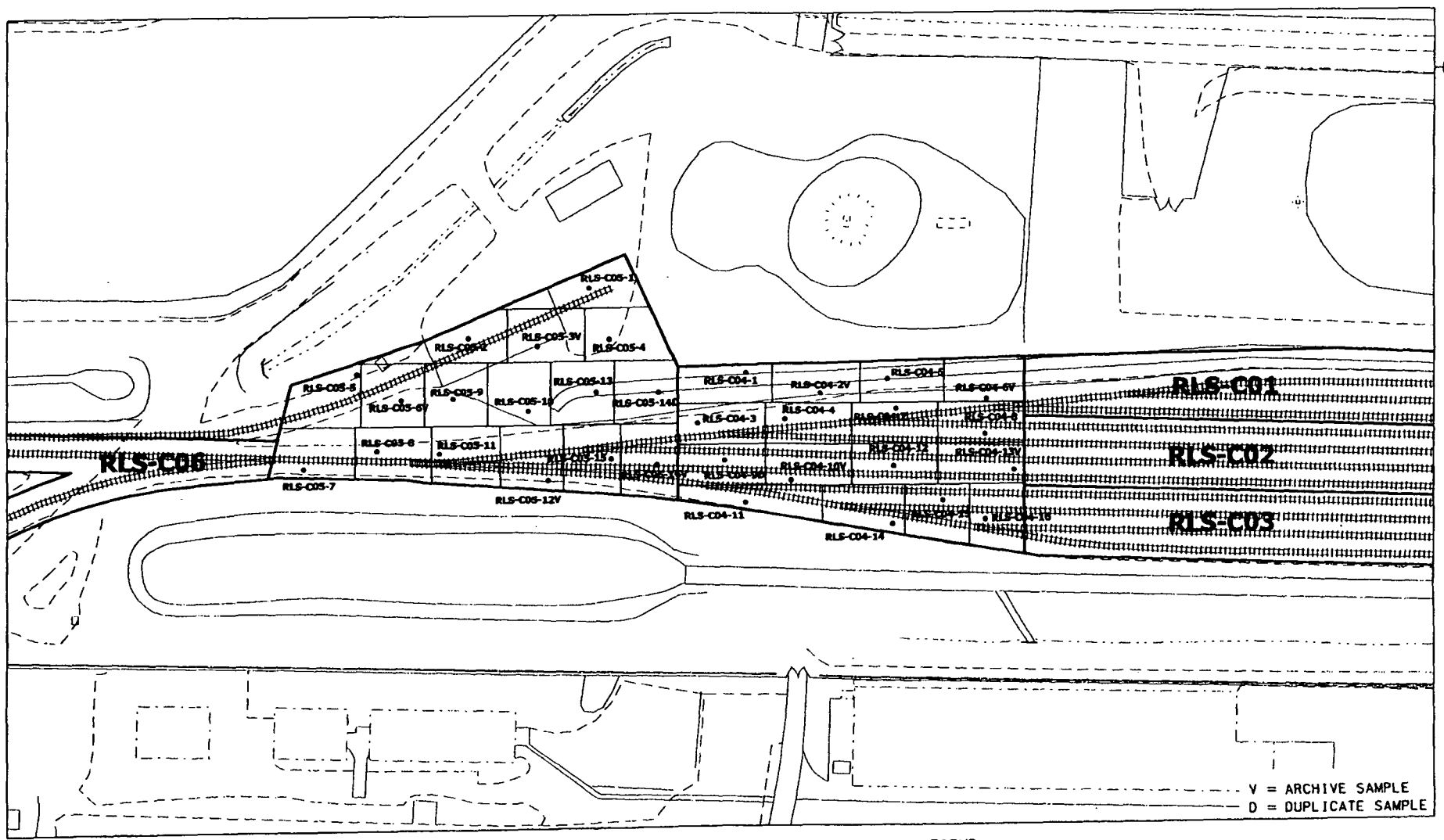


FIGURE 4 CERTIFICATION SAMPLING LOCATIONS (CUs 1-3)



LEGEND:

• SAMPLE LOCATION

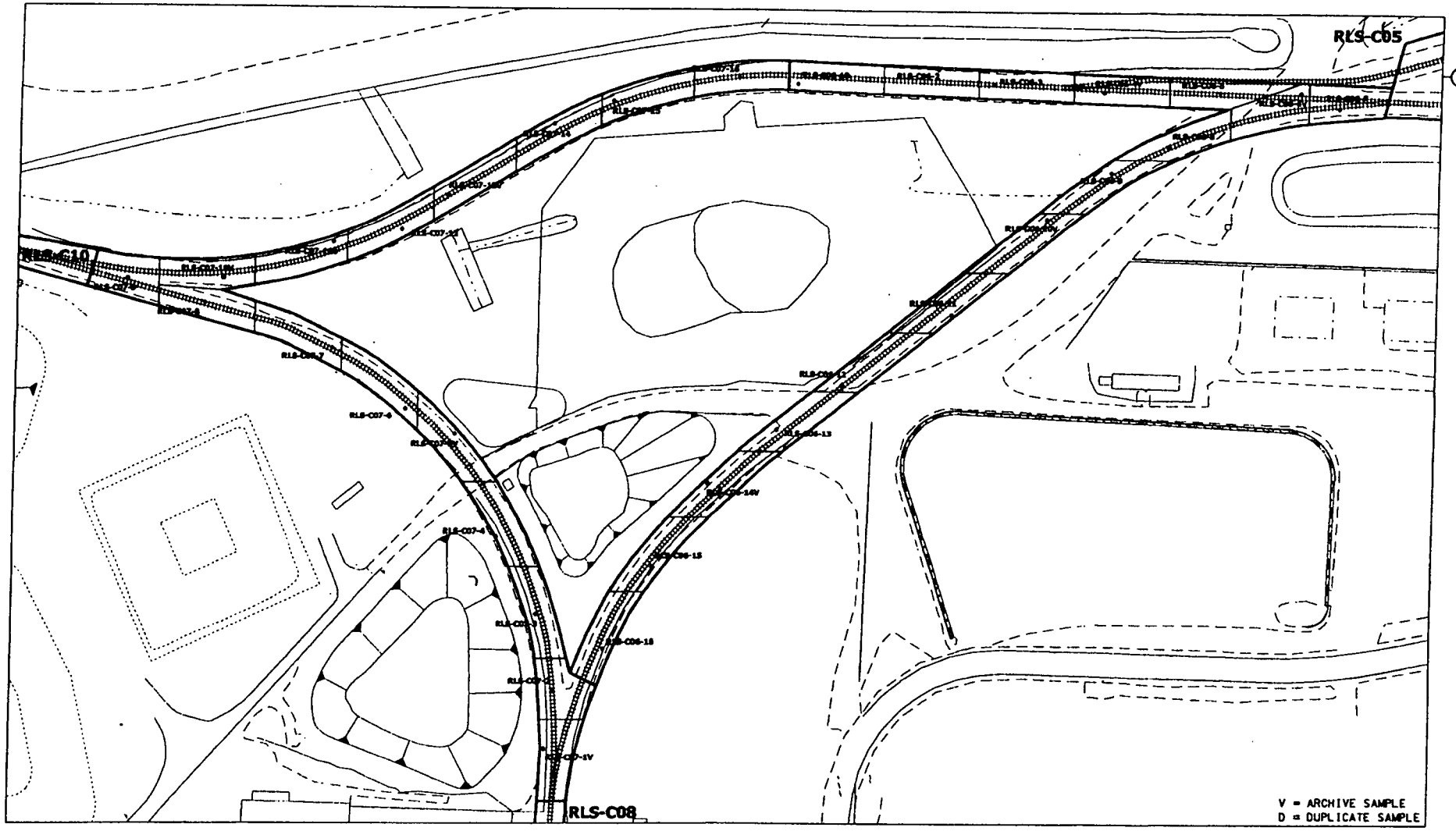
SCALE

80 40 0 80 FEET

DRAFT

STATE PLANAR COORDINATE SYSTEM 1983 15-DEC-2005

FIGURE 5 CERTIFICATION SAMPLING LOCATIONS (CUs 4 & 5)



LEGEND:

• SAMPLE LOCATION

SCALE

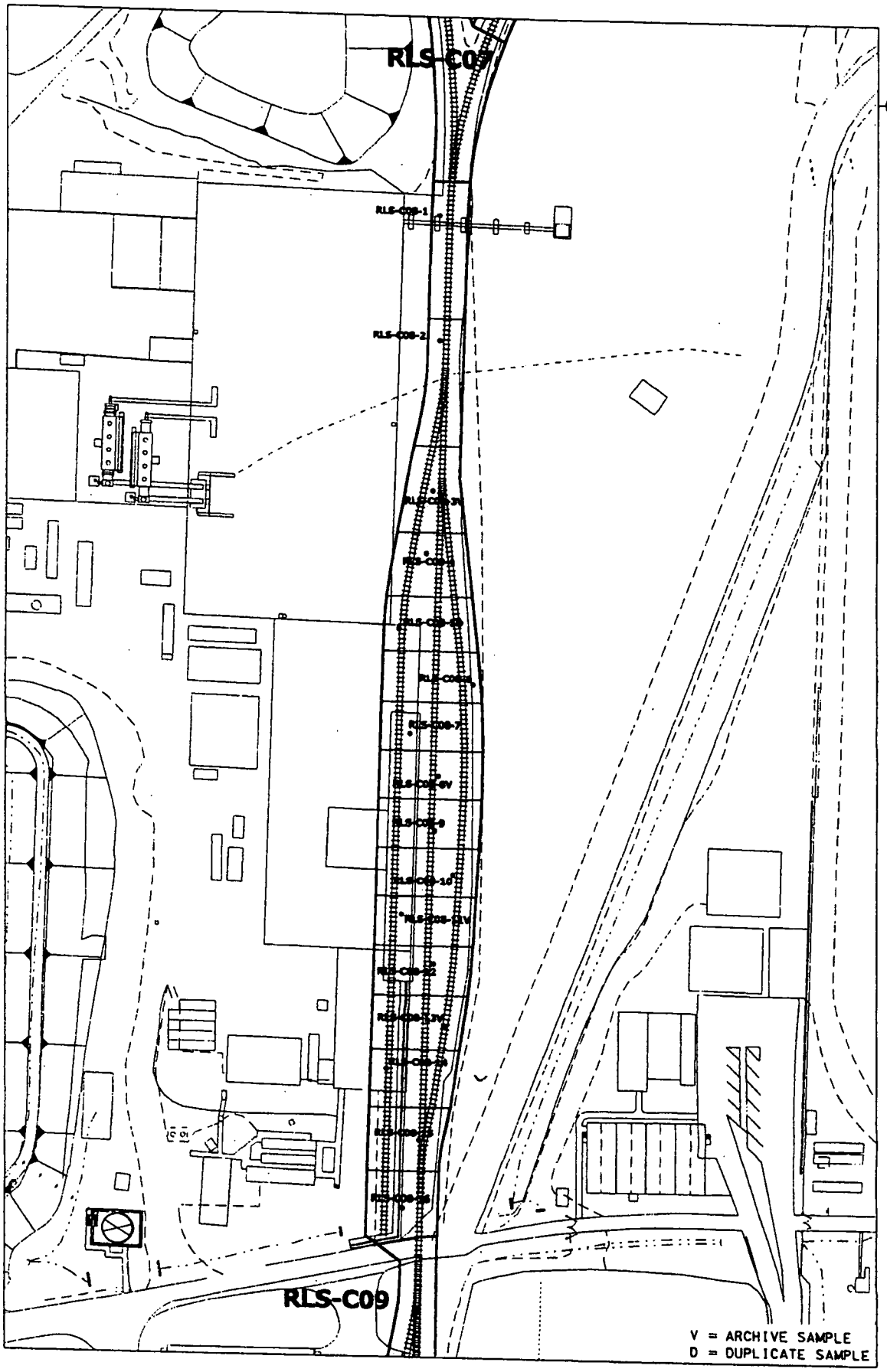
100 50 0 100 FEET

DRAFT

STATE PLANAR COORDINATE SYSTEM 1983

07-DEC-2005

FIGURE 6 CERTIFICATION SAMPLING LOCATIONS (CUs 6 & 7)



LEGEND:

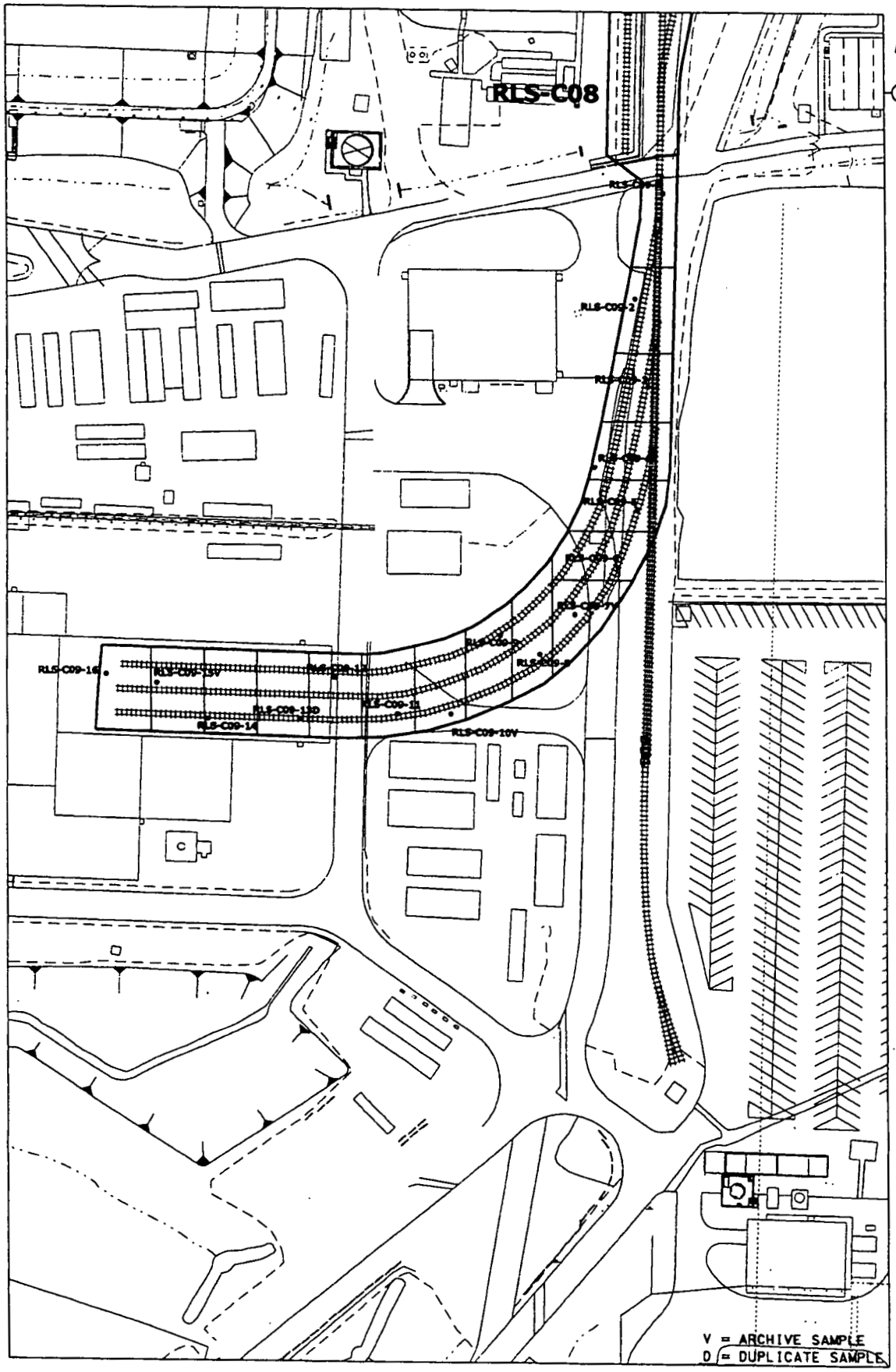
• SAMPLE LOCATION

SCALE

80 40 0 80 FEET

DRAFT

FIGURE 7 CERTIFICATION SAMPLING LOCATIONS (CU 8)



LEGEND:

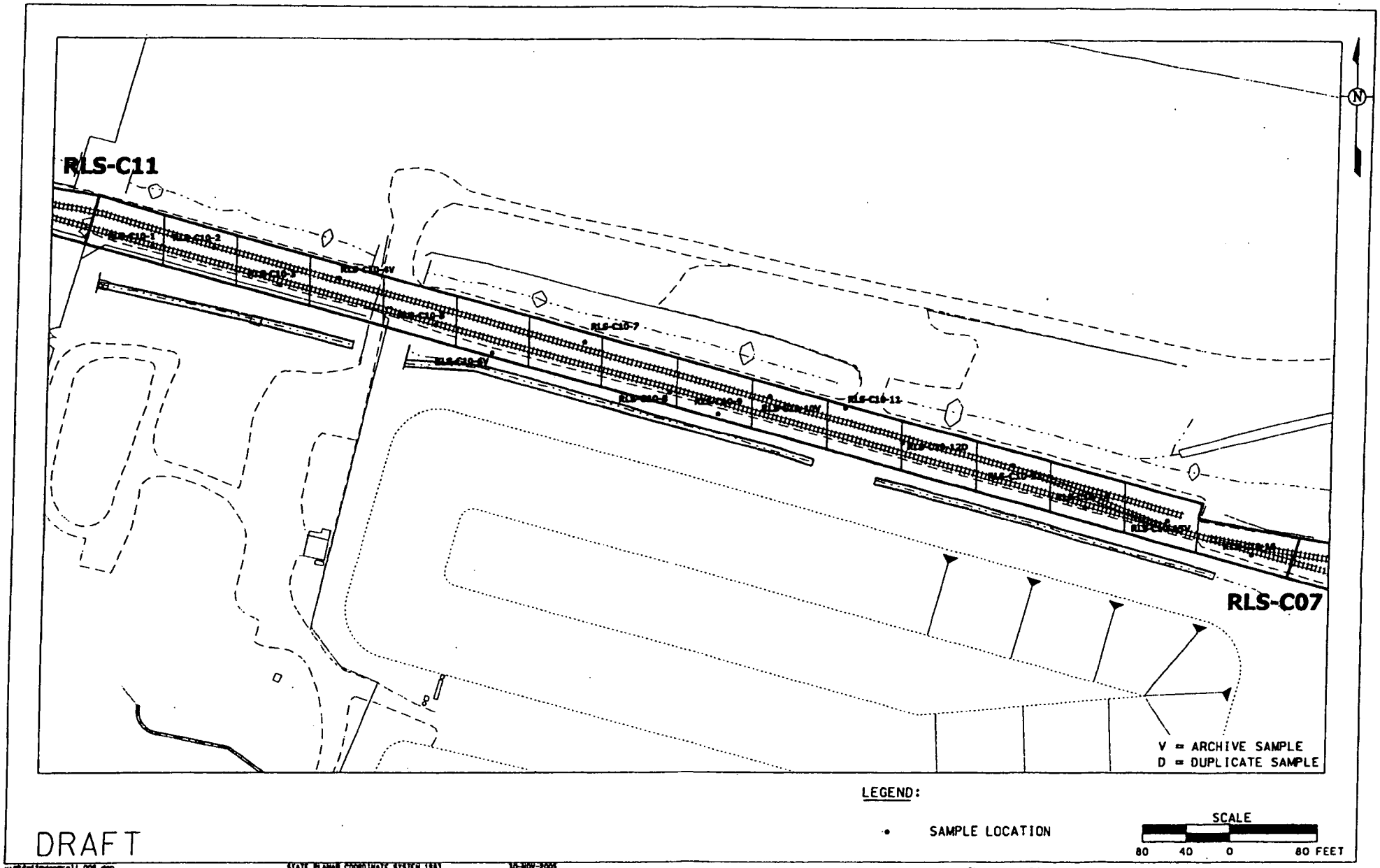
• SAMPLE LOCATION

SCALE

80 40 0 80 FEET

DRAFT

FIGURE 8 CERTIFICATION SAMPLING LOCATIONS (CU 9)



LEGEND:

• SAMPLE LOCATION

SCALE

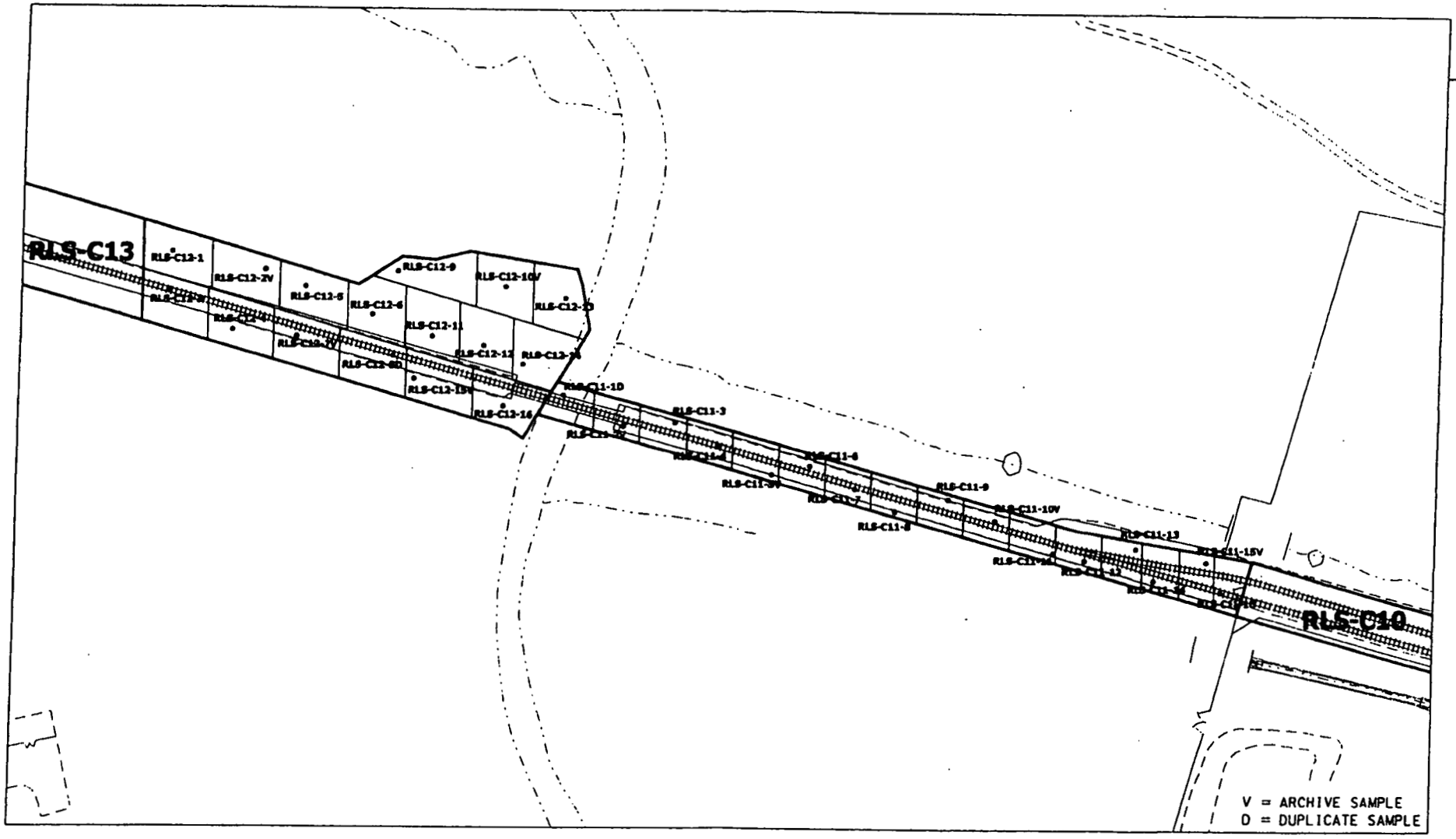
80 40 0 80 FEET

DRAFT

STATE PLANAR COORDINATE SYSTEM 1983

30-NOV-2005

FIGURE 9 CERTIFICATION SAMPLING LOCATIONS (CU 10)



LEGEND:

• SAMPLE LOCATION

SCALE

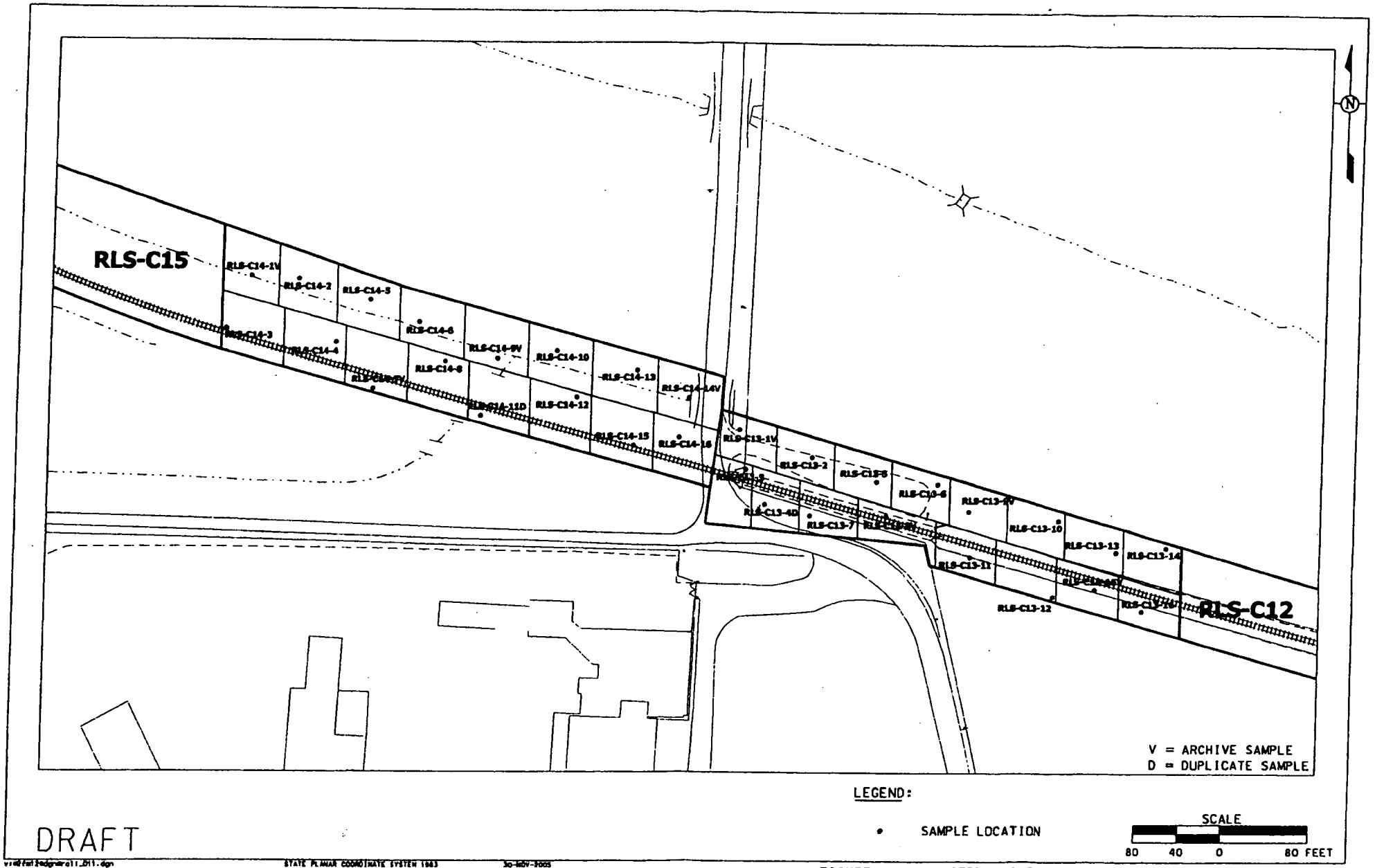
80 40 0 80 FEET

DRAFT

STATE PLANAR COORDINATE SYSTEM 1983

30-NOV-1995

FIGURE 10 CERTIFICATION SAMPLING LOCATIONS (CUs 11 & 12)



LEGEND:

• SAMPLE LOCATION

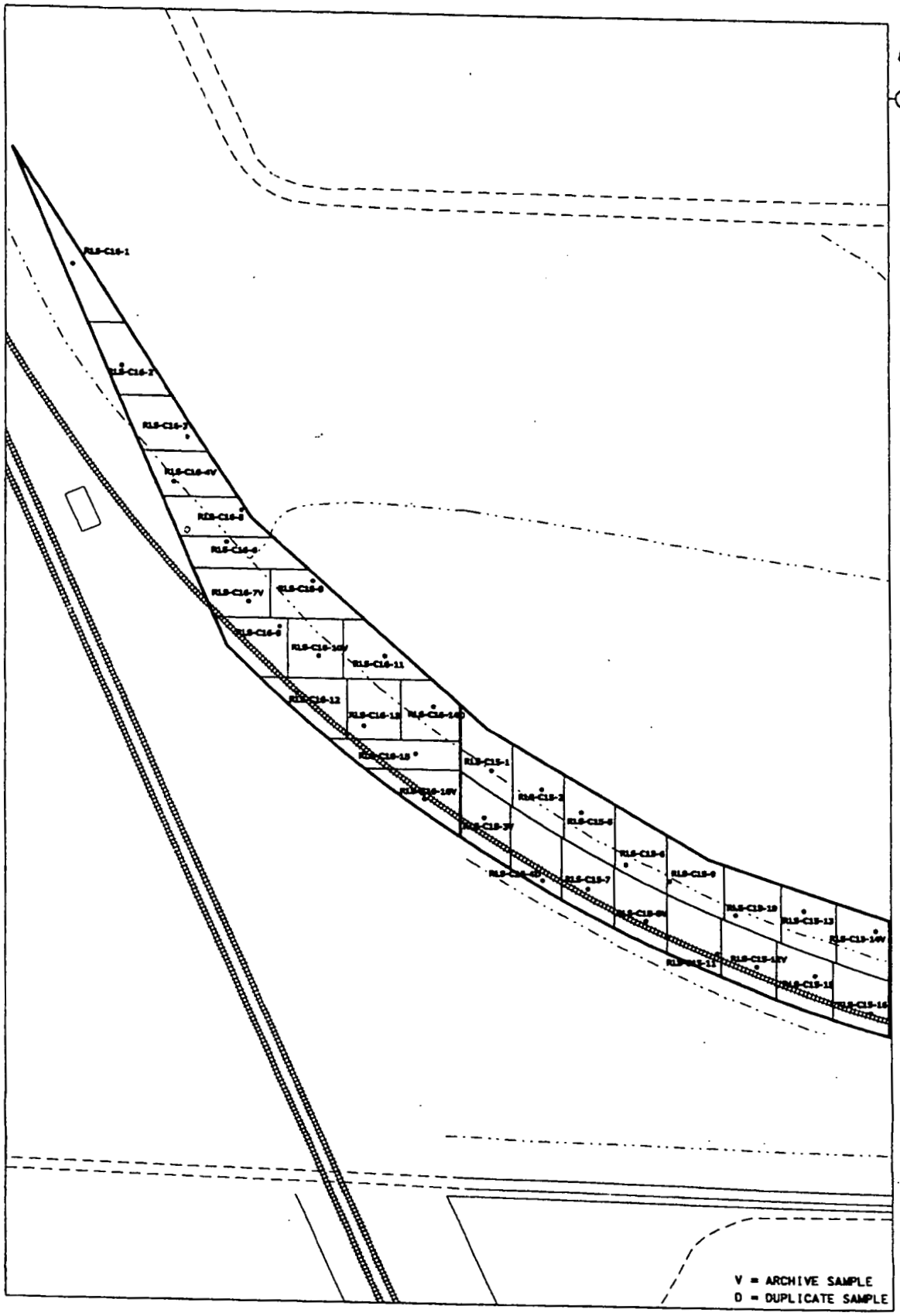
SCALE

80 40 0 80 FEET

DRAFT

STATE PLANAR COORDINATE SYSTEM 1983

FIGURE 11 CERTIFICATION SAMPLING LOCATIONS (CUs 13 & 14)



LEGEND:

DRAFT

• SAMPLE LOCATION

SCALE

90 45 0 90 FEET

FIGURE 12. CERTIFICATION SAMPLING LOCATIONS (CUs 15 & 16)

VARIANCE / FIELD CHANGE NOTICE

[redacted]

V/F: 20600-PSP-0016-101

WBS NO.: PROJECT/DOCUMENT/ECDC # 20600-PSP-0016 Rev.0

PROJECT TITLE: Project Specific Plan For Excavation Control And Precertification of the Area 6 Waste Pits and General Area

Date: 6/26/06

VARIANCE / FIELD CHANGE NOTICE (Include justification):

This Variance/Field Change Notice (V/FCN) documents the collection of ballast material for characterization. The areas to be sampled are shown on Figure 1.

The planned sample locations are shown on Figures 2 and 3. The Geoprobe® shall be used to core through the entire depth of the ballast. The core of ballast material shall then be scanned with a beta/gamma frisker. If an interval scans greater than 450 ccpm, a biased sample will be collected from the 12-inch interval with the highest ccpm. If there is visible staining of the ballast material, a biased sample shall also be collected from the 12-inch interval around the visibly stained ballast. If the entire core of ballast material scans less than 450 ccpm and there is no evidence of staining, a sample should be collected from the 12-inch interval that represents the middle of the core. The planned sample locations will be surveyed by the surveyors prior to sampling.

See, Attachment 1 for the Sampling and Analytical Requirements, Attachment 2 for the Target Analyte Lists (TALs), and Attachment 3 for the Sample Identifiers and Locations.

In addition to the planned sample locations, any areas along the rail line where the ballast material has visible staining are to be sampled. Sampling should be conducted as described above. Surveyors shall be contacted to survey in sample locations that are identified by the samplers. Figure 4 identifies the TALs to be sampled for the various areas along the rail. Additional samples collected shall be consecutively numbered beginning with the next number after the planned sample number.

Surveying Required: Yes - by surveying group.
Field Data Validation: Yes

Justification:
The ballast material underneath a portion of the rail line is being characterized to further assess disposition options.

REQUESTED BY: Denise Arico Date: 06/26/06

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE: R. Priske	7-13-06	X	PROJECT MANAGER: J.D. Chiou	6/27/06
	DATA QUALITY MANAGEMENT		X	CHARACTERIZATION MANAGER: R. Abitz	27 Jun 06
X	ANALYTICAL CUSTOMER SUPPORT: Paul S. McGurgan	7/5/06		RTEMP Manager	
	WAO		X	SAMPLING MANAGER: T. Buhrage	6/28/06

VARIANCE/FCN APPROVED [X]YES [ ]NO REVISION REQUIRED: [ ]YES [X]NO

DISTRIBUTION

PROJECT MANAGER:	DOCUMENT CONTROL: Jeannie Rosser	OTHER:
QUALITY ASSURANCE:	CHARACTERIZATION MANAGER: Frank Miller	OTHER:
FIELD MANAGER:	OTHER:	OTHER:

ATTACHMENT 1
SAMPLING AND ANALYTICAL REQUIREMENTS

TAL(s)	Method[a]	Matrix	ASL	Preserve	TAT	Container[b]	Minimum Mass
Any combination of Rads/Metals/PCBs/ SVOCs and/or Fluoride (TALs, MDOTU, MDNWQP, MDNZQP)	Gamma Spec, Alpha Spec, and LSC	Solid	B	Cool, 4° C	Prelim gamma 10 days Final gamma 30 days Final alpha (Th-230) 10 days Final Tc99 10 days	Polyethylene sample container	500 g
	ICP/AES or ICP/MS				10 day		
	GC				10 day		
	GC				10 day		
	IC				10 day		
Rads (TAL M)	Gamma Spec	Solid	B	None	Prelim gamma 10 days Final gamma 30 days	Plastic or Stainless Steel core liner or polyethylene sample container	300 g
Rads/Metals (TAL MDSXB7)	Gamma Spec, Alpha Spec, and LSC	Solid	B	Cool, 4° C	Prelim gamma 10 days Final gamma 30 days da 6/27/06 Final alpha (Th-230) 10 days Final Tc99 10 days	Polyethylene sample container	300 g
	ICP/AES or ICP/MS				10 days		

Special Instructions (samplers):
[b]Sample container types may be changed at the direction of the Field Sampling Lead, as long as the volume requirements, container compatibility requirements, and SCQ requirements are met.

Special Instructions (SPL/Lab):
For radium-226, a seven-day in-growth is requested.
Analytical Data Validation is not required.
ASL: B
Data Package Requirements – COAs
Historical Data for Shipping: 23.5 mg/kg total uranium from boring location A6-SA3-8

ATTACHMENT 2
TARGET ANALYTE LISTS

20600-PSP-0016-B7
(up to 25 samples estimated in V/FCN)

Analyte	FRL/*BTV*[b]	MDL
Lead-210	38 pCi/g	3.8 pCi/g

20600-PSP-0016-D
(up to 25 samples estimated in V/FCN)

Analyte	FRL[a]	MDL
Technetium-99	29.1 pCi/g	2.91 pCi/g

20600-PSP-0016-M
(up to 25 samples estimated in V/FCN)

Analyte	FRL	MDL
Total Uranium	82 mg/kg	8.2 mg/kg
Radium-226	1.7 pCi/g	0.17 pCi/g
Radium-228	1.8 pCi/g	0.18 pCi/g
Thorium-228	1.7 pCi/g	0.17 pCi/g
Thorium-232	1.5 pCi/g	0.15 pCi/g

20600-PSP-0016-N
(up to 25 samples estimated in V/FCN)

Analyte	FRL	MDL
Cesium-137	1.4 pCi/g	0.14 pCi/g
Thorium-230	280 pCi/g	28 pCi/g

20600-PSP-0016-O
(up to 25 samples estimated in V/FCN)

Analyte	FRL	MDL
Antimony	*10.0 mg/kg*	*1.0 mg/kg*
Arsenic	12 mg/kg	1.2 mg/kg
Beryllium	1.5 mg/kg	0.15 mg/kg
Cadmium	*5.0 mg/kg*	*0.5 mg/kg*
Silver	*10.0 mg/kg*	*1.0 mg/kg*
Fluoride	78000 mg/kg	7800 mg/kg

20600-PSP-0016-P[c]
(up to 25 samples estimated in V/FCN)

Analyte	FRL/*BTV*[b]	MDL
Benzo(a)pyrene	*1.0 mg/kg*	*0.1 mg/kg*
Benzo(b)fluoranthene	*1.0 mg/kg*	*0.1 mg/kg*
Dibenzo(a,h)anthracene[d]	*0.088 mg/kg*[d]	*0.01 mg/kg*[d]
Indeno(1,2,3-cd)pyrene	*1.0 mg/kg*	*0.10 mg/kg*

ATTACHMENT 2
TARGET ANALYTE LISTS
(continued)

20600-PSP-0016-Q
(up to 25 samples estimated in V/FCN)

Analyte	FRL	MDL
Aroclor-1254	0.13 mg/kg	0.013 mg/kg
Aroclor-1260	0.13 mg/kg	0.013 mg/kg
Dieldrin	0.015 mg/kg	0.0015 mg/kg

20600-PSP-0016-S
(up to 25 samples estimated in V/FCN)

Analyte	FRL	MDL
Thorium-230	280 pCi/g	28 pCi/g

20600-PSP-0016-T
(up to 25 samples estimated in V/FCN)

Analyte	FRL	MDL
Aroclor-1254	0.13 mg/kg	0.013 mg/kg
Aroclor-1260	0.13 mg/kg	0.013 mg/kg

20600-PSP-0016-U[c]
(up to 25 samples estimated in V/FCN)

Analyte	FRL/*BTV*[b]	MDL
Benzo(a)anthracene	*1.0 mg/kg*	*0.1 mg/kg*
Benzo(a)pyrene	*1.0 mg/kg*	*0.1 mg/kg*
Benzo(b)fluoranthene	*1.0 mg/kg*	*0.1 mg/kg*
Dibenzo(a,h)anthracene[d]	*0.088 mg/kg*[d]	*0.01 mg/kg*[d]
Indeno(1,2,3-cd)pyrene	*1.0 mg/kg*	*0.10 mg/kg*
Carbazole	12 mg/kg	1.2 mg/kg

20600-PSP-0016-W
(up to 25 samples estimated in V/FCN)

Analyte	FRL/*BTV*[b]	MDL
Antimony	*10.0 mg/kg*	*1.0 mg/kg*
Arsenic	12 mg/kg	1.2 mg/kg
Beryllium	1.5 mg/kg	0.15 mg/kg
Silver	*10.0 mg/kg*	*1.0 mg/kg*
Fluoride	78000 mg/kg	7800 mg/kg

ATTACHMENT 2
TARGET ANALYTE LISTS
(continued)

20600-PSP-0016-X
(up to 25 samples estimated in V/FCN)

Analyte	FRL/*BTV*[b]	MDL
Antimony	*10.0 mg/kg*	*1.0 mg/kg*
Cadmium	*5.0 mg/kg*	*0.5 mg/kg*

20600-PSP-0016-Z
(up to 25 samples estimated in V/FCN)

Analyte	FRL/*BTV*[b]	MDL
Antimony	*10.0 mg/kg*	*1.0 mg/kg*
Arsenic	12 mg/kg	1.2 mg/kg
Beryllium	1.5 mg/kg	0.15 mg/kg
Fluoride	78000 mg/kg	7800 mg/kg

[a]The MDL for technetium-99 is ten percent of the WAC limit, which is lower than the FRL.

[b]BTV applies to Ecological COCs.

[c]The MDLs for TALs P and U are ten percent of the BTV, which is lower than the FRLs.

[d]Ten percent of the BTV is not achievable for Dibenzo(a,h)anthracene.

Location	Sample ID	TAL	Northing	Easting
BLST-1	BLST-1^*a*-RMPS	MDSXB7	480900.709	1348015.456
BLST-2	BLST-2^*a*-RMPS	MDSXB7	480997.717	1348017.411
BLST-3	BLST-3^*a*-RMPS	MDSXB7	481087.951	1348051.4
BLST-4	BLST-4^*a*-RMPS	MDSXB7	481214.768	1348069.959
BLST-5	BLST-5^*a*-RMPS	MDSXB7	481277.608	1348049.46
BLST-6	BLST-6^*a*-RMPS	MDSXB7	481349.14	1348051.017
BLST-7	BLST-7^*a*-RMPS	MDSXB7	481564.33	1348059.839
BLST-8	BLST-8^*a*-RMPS	MDOTU	481745.491	1348068.842
BLST-9	BLST-9^*a*-RMPS	MDOTU	481837.449	1348052.636
BLST-10	BLST-10^*a*-RMPS	MDOTU	481949.692	1348008.281
BLST-11	BLST-11^*a*-RMPS	MDOTU	482143.728	1347776.111
BLST-12	BLST-12^*a*-RMPS	MDNWQP	482284.961	1347258.707
BLST-13	BLST-13^*a*-RMPS	MDNWQP	482425.54	1346745.702
BLST-14	BLST-14^*a*-RMPS	MDNZQP	482580.359	1346185.403
BLST-15	BLST-15^*a*-R	M	482658.56	1345882.82

Where:

BLST = Sample collected from the ballast

1, 2, etc = Consecutive sample numbers (locations)

a = To be replaced with the number that is two times the bottom depth of the sample interval collected

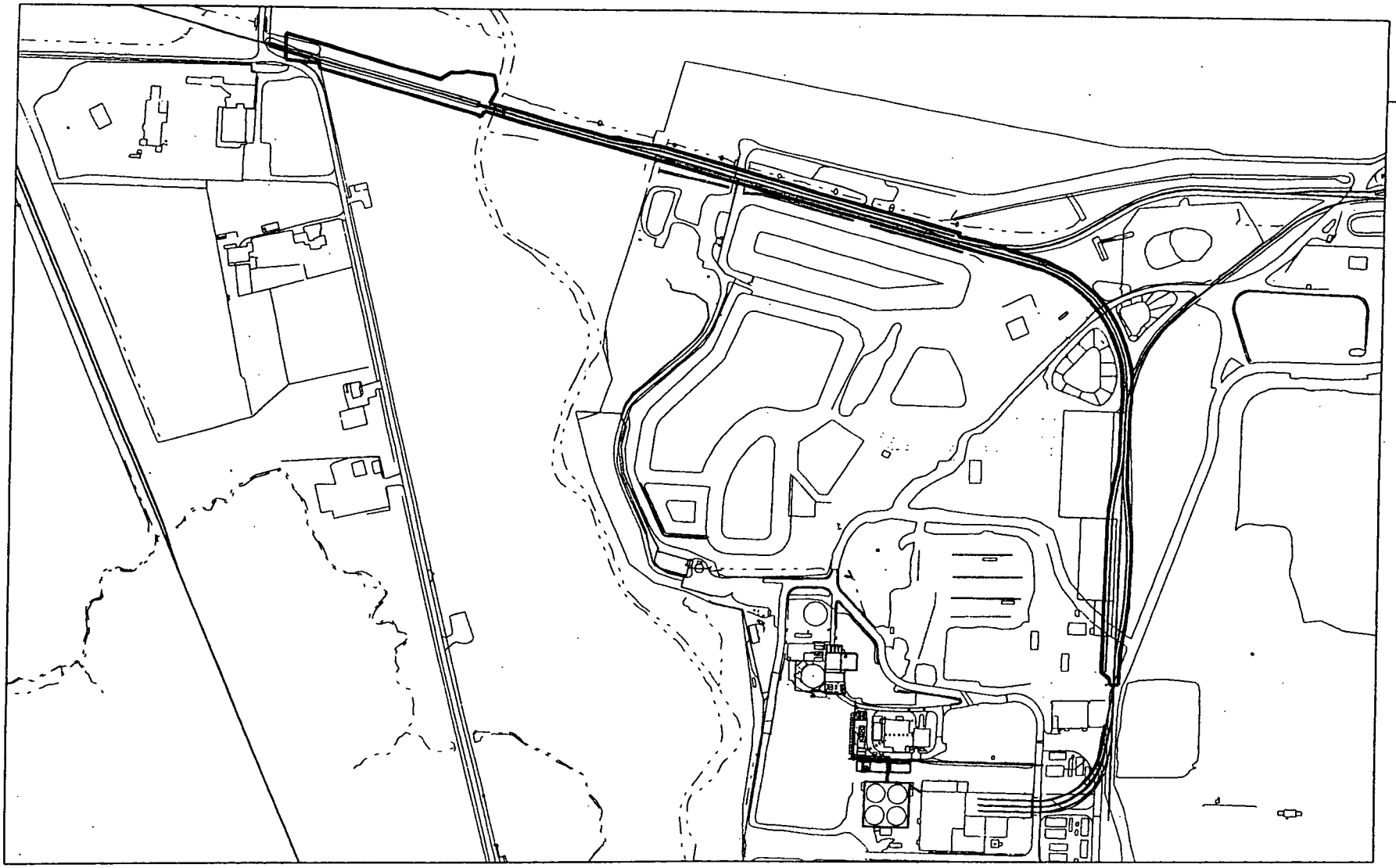
R = radiological

M = metals

P = pesticides and/or PCBs

S = semi-volatiles or PAHs

Note: If a bias sample is collected, "-B" is to be placed at the end of the sample ID.



LEGEND:

BALLAST SAMPLING AREA

SCALE

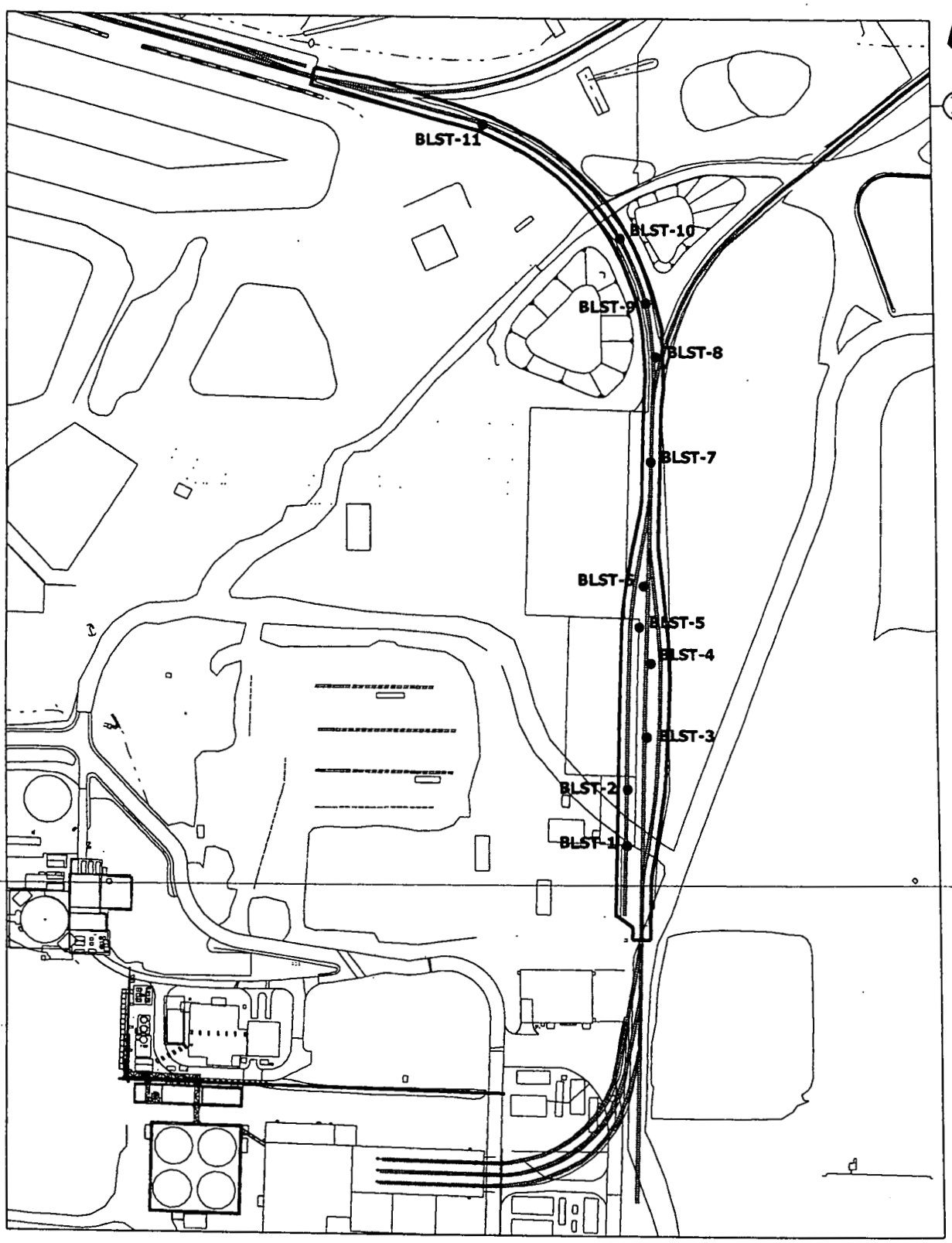
500 250 0 500 FEET

DRAFT

v:\2fm12\dgn\rr_ballast.dgn
STATE PLANAR COORDINATE SYSTEM 1983

26-JUN-2006

FIGURE 1.



LEGEND:

DRAFT

• BALLAST SAMPLE LOCATION

SCALE

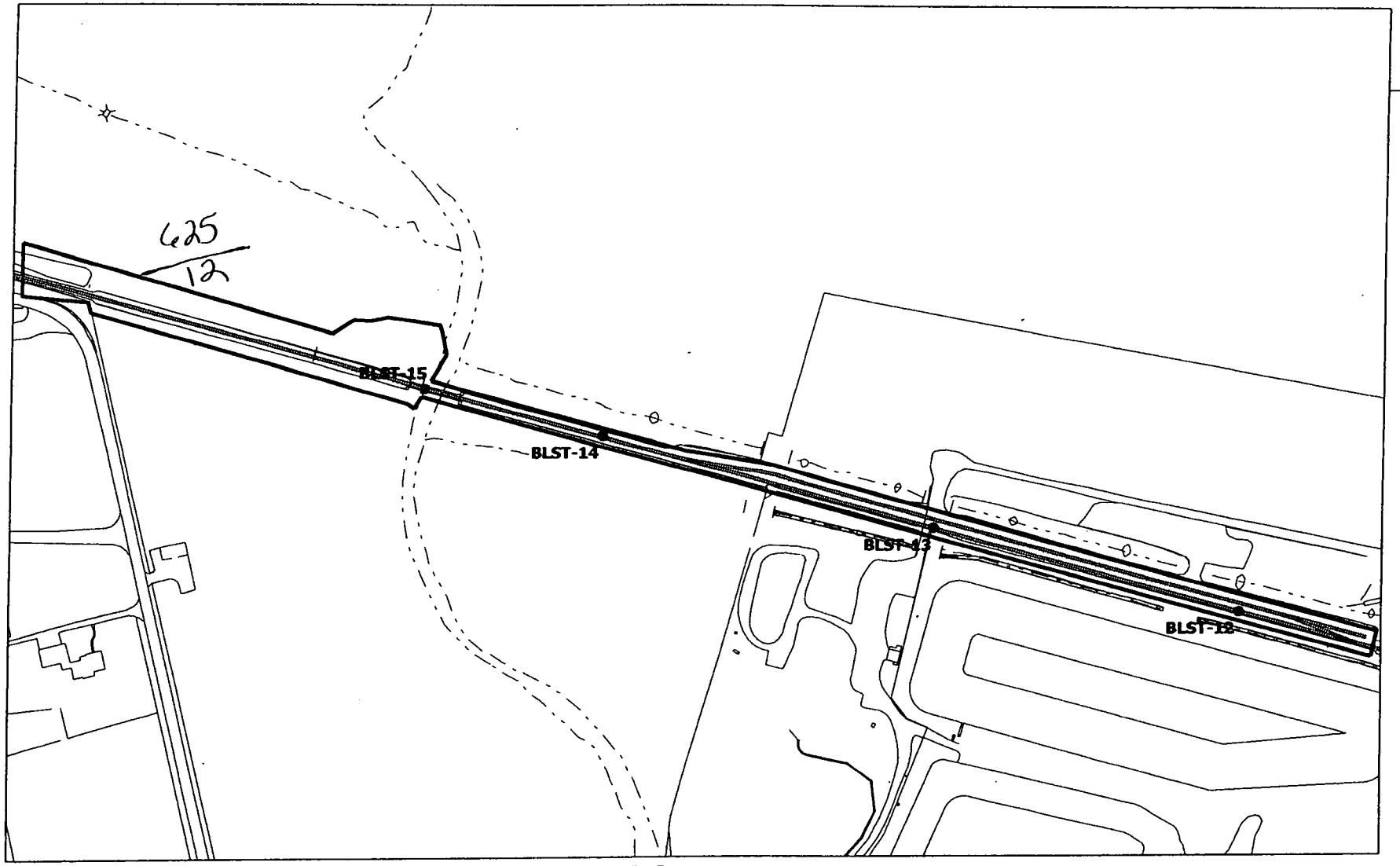
250 125 0 250 FEET

FIGURE 2.

v:\62fml2\dgn\rr_ballast2.dgn

STATE PLANAR COORDINATE SYSTEM 1983

26-JUN-2006



LEGEND:

• BALLAST SAMPLE LOCATION

SCALE

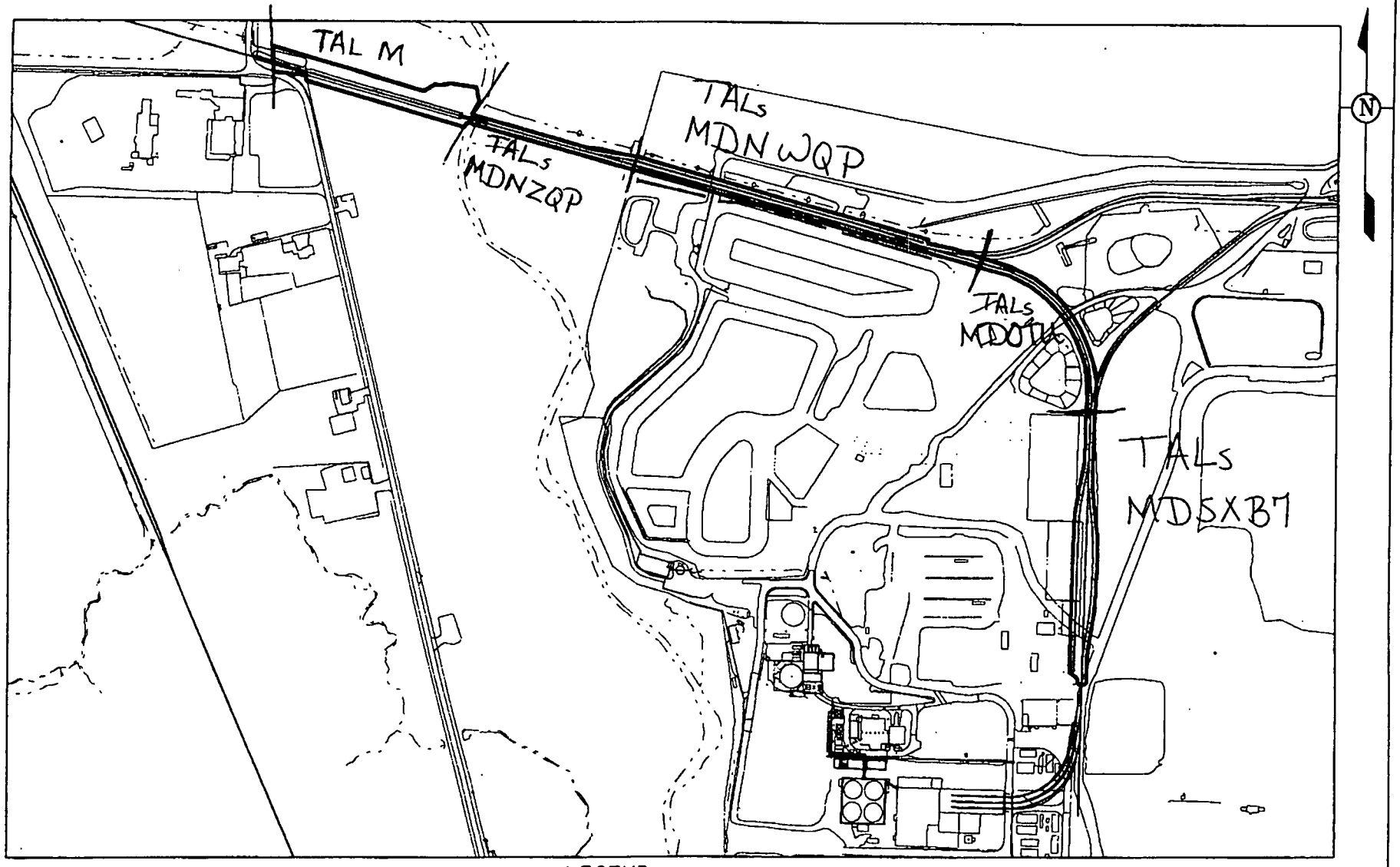
250 125 0 250 FEET

DRAFT

v:\#2fm12\dgn\rr_ballast3.dgn
STATE PLANAR COORDINATE SYSTEM 1983

26-JUN-2006

FIGURE 3.



LEGEND:

BALLAST SAMPLING AREA

SCALE

500 250 0 500 FEET

DRAFT

v:\2fm12\dgn\rr_ballast.dgn
STATE PLANAR COORDINATE SYSTEM 1983

26-JUN-2006

FIGURE 4.

VARIANCE / FIELD CHANGE NOTICE

V/F: 20600-PSP-0016-106
Page: 1 of 2
Date: 8/17/06

WBS NO.: PROJECT/DOCUMENT/ECDC # 20600-PSP-0016 Rev.0

PROJECT TITLE: Project Specific Plan For Excavation Control And Precertification of the Area 6 Waste Pits and General Area

VARIANCE / FIELD CHANGE NOTICE (Include justification):

This Variance/Field Change Notice (V/FCN) documents the collection of ballast material from the railyard area for characterization.

The sample locations are to be field located in accessible areas of the railyard. Twelve surface samples are to be collected and submitted for arsenic (TAL A4) and PAH (TAL A1) analysis. Surveyors shall be contacted to survey in sample locations that are identified by the samplers.

The first sample collected shall by identified as BLST-16^MS, and each additional sample collected shall be consecutively numbered, where:

BLST = Sample collected from the ballast
16, 17, etc = Consecutive sample numbers (locations)
M = metals analysis
S = semi-volatile analysis (PAHs)

Surveying Required: Yes - by surveying group.
Field Data Validation: Yes

Justification:
The ballast material in the railyard is being characterized to further assess disposition options.

REQUESTED BY: Denise Arico Date: 08/16/06

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE: R. Priske	8-29-06	X	PROJECT MANAGER: J.D. Chiou	8/30/06
	DATA QUALITY MANAGEMENT		X	CHARACTERIZATION MANAGER: R. Abitz Denise M Arico for RA	8/16/06
X	ANALYTICAL CUSTOMER SUPPORT: Paul J. McLurgan	8/17/06		RTMP Manager	
	WAO		X	SAMPLING MANAGER: T. Buhrlage	8/21/06

VARIANCE/FCN APPROVED [X]YES [ ]NO REVISION REQUIRED: [ ]YES [X]NO

DISTRIBUTION

PROJECT MANAGER:	DOCUMENT CONTROL: Jeannie Rosser	OTHER:
QUALITY ASSURANCE:	CHARACTERIZATION MANAGER: Frank Miller	OTHER:
FIELD MANAGER:	OTHER:	OTHER:

ATTACHMENT 1
SAMPLING AND ANALYTICAL REQUIREMENTS

TAL(s)	Method	Matrix	ASL	Preserve	TAT	Container[b]	Minimum Mass
Metals/SVOCs (TAL A1 and A4)	ICP/AES or ICP/MS	Solid	B	Cool, 4° C	10 day	Polyethylene sample container	250 g
	GC				10 day		

Special Instructions (samplers):
[b] Sample container types may be changed at the direction of the Field Sampling Lead, as long as the volume requirements, container compatibility requirements, and SCQ requirements are met.

Special Instructions (SPL/Lab):
Analytical Data Validation is not required.
ASL: B
Data Package Requirements – COAs
Historical Data for Shipping: 23.5 mg/kg total uranium from boring location A6-SA3-8

20600-PSP-0016-A1
(12 samples estimated in V/FCN)

Analyte	FRL/*BTV*[a]	MDL[a]
Benzo(a)anthracene	20 mg/kg / *1.0 mg/kg*	2.0 mg/kg
Benzo(a)pyrene	2.0 mg/kg / *1.0 mg/kg*	0.2 mg/kg
Benzo(b)fluoranthene	20 mg/kg / *1.0 mg/kg*	2.0 mg/kg
Benzo(g,h,i)perylene	*1.0 mg/kg*	*0.1 mg/kg*
Benzo(k)fluoranthene	200 mg/kg / *1.0 mg/kg*	20 mg/kg
Chrysene	2,000 mg/kg / *1.0 mg/kg*	200 mg/kg
Dibenzo(a,h)anthracene	2.0 mg/kg / *0.088 mg/kg*	*0.2 mg/kg*
Fluoranthene	*10 mg/kg*	*0.1 mg/kg*
Indeno(1,2,3-cd)pyrene	20 mg/kg / *1.0 mg/kg*	2.0 mg/kg
Phenanthrene	*5 mg/kg*	0.5 mg/kg
Pyrene	*10 mg/kg*	*0.1 mg/kg*

20600-PSP-0016-A4
(12 samples estimated in V/FCN)

Analyte	FRL	MDL
Arsenic	12 mg/kg	1.2 mg/kg

[a] BTV applies to Ecological COCs. MDL is 10% of the BTV for COCs that do not have an FRL

VARIANCE / FIELD CHANGE NOTICE

[redacted]

V/F: 20600-PSP-0016-107

WBS NO.: PROJECT/DOCUMENT/ECDC # 20600-PSP-0016 Rev.0

Page: 1 of 4

PROJECT TITLE: Project Specific Plan For Excavation Control And Precertification of the Area 6 Waste Pits and General Area

Date: 8/22/06

VARIANCE / FIELD CHANGE NOTICE (Include justification):

This Variance/Field Change Notice (V/FCN) documents the collection of ballast material located between the Paddys Run trestle and the FCP gate. See Figure 1 for the approximate location to be sampled.

Sixteen locations of representative spacing are to be field located along the area identified in Figure 1. The Geoprobe® shall be used to core through the entire depth of the ballast. The core of ballast material shall then be scanned with a beta/gamma frisker. If an interval scans greater than 450 ccpm, a biased sample will be collected from the 12-inch interval with the highest ccpm. If there is visible staining of the ballast material, a biased sample shall also be collected from the 12-inch interval around the visibly stained ballast. If the entire core of ballast material scans less than 450 ccpm and there is no evidence of staining, a sample should be collected from the 12-inch interval that represents the middle of the core. Contact the surveyors to survey in the sample locations.

The Sampling and Analytical Requirements and Target Analyte Lists (TALs) are provided on Attachment 1.

Each sample collected will be submitted for analysis of the TALs provided on Attachment 1.

The first sample collected shall by identified as BLST-28^*x*-RMS, and each additional sample collected shall be consecutively numbered, where:

BLST = Sample collected from the ballast
28, 29, etc = Consecutive sample numbers (locations)
x = to be replaced with the number that is two times the bottom depth of the sample interval collected.
R = radiological analysis
M = metals analysis
S = semi-volatile analysis (PAHs)

Surveying Required: Yes - by surveying group.
Field Data Validation: Yes

Justification:
The ballast material located between the Paddys Run Trestle and the FCP Gate is being characterized to further assess disposition options.

REQUESTED BY: Denise Arico Date: 08/22/06

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE: R. Friske	8-23-06	X	PROJECT MANAGER: J.D. Chiou	8/30/06
	DATA QUALITY MANAGEMENT		X	CHARACTERIZATION MANAGER: [illegible]	[illegible]
X	ANALYTICAL CUSTOMER SUPPORT: Paul J. McMorgan	8/28/06		RTIMP Manager	
	WAO		X	SAMPLING MANAGER: T. Burlage	8/21/06

VARIANCE/FCN APPROVED [X]YES [ ]NO REVISION REQUIRED: [ ]YES [X]NO

DISTRIBUTION

PROJECT MANAGER:	DOCUMENT CONTROL: Jeannie Rosser	OTHER:
QUALITY ASSURANCE:	CHARACTERIZATION MANAGER: Frank Miller	OTHER:
FIELD MANAGER:	OTHER:	OTHER:

ATTACHMENT 1
SAMPLING AND ANALYTICAL REQUIREMENTS

TAL(s)	Method	Matrix	ASL	Preserve	TAT	Container[b]	Minimum Mass
Rads/Metals/SVOCs (TAL A1/B5/B7/B8/B9)	Gamma or Alpha Spec or LSC or GPC	Solid	D	Cool, 4° C	EDD gamma 10 days[a] Final gamma 14 days Final Tc99 10 days Final Th230 10days	Polyethylene sample container	250 g[c]
	ICP/AES or ICP/MS				10 day		
	GC				10 day		

Special Instructions (samplers):

[c]At the direction of the field sampling lead, triple the specified sample mass shall be collected from one sample location in order for the contract laboratory to perform the required quality control analysis. The sample shall be identified on the Chain of Custody/Request for Analysis form as "designated for laboratory QC."

[b]Sample container types may be changed at the direction of the Field Sampling Lead, as long as the volume requirements, container compatibility requirements, and SCQ requirements are met.

Special Instructions (SPL/Lab):

[a]Samples will go through a 7-day in-growth, and shall have "7DAY" noted in the suffix field of the EDD.
Analytical Data Validation is required.
ASL: D
Data Package Requirements – Full Data Package
Historical Data for Shipping: 23.5 mg/kg total uranium from boring location A6-SA3-8

TARGET ANALYTE LIST

20600-PSP-0016-B5
(estimated 16 samples estimated in V/FCN)

Analyte	FRL	MDL
Thorium-230	280 pCi/g	28 pCi/g
Total Uranium	82 mg/kg	8.2 mg/kg
Radium-226	1.7 pCi/g	0.17 pCi/g
Radium-228	1.8 pCi/g	0.18 pCi/g
Thorium-228	1.7 pCi/g	0.17 pCi/g
Thorium-232	1.5 pCi/g	0.15 pCi/g
Technetium-99	30.0 pCi/g	2.9 pCi/g

20600-PSP-0016-B7
(estimated 16 samples estimated in V/FCN)

Analyte	FRL	MDL
Lead-210	38 pCi/g	3.8 pCi/g

20600-PSP-0016-B8
(estimated 16 samples estimated in V/FCN)

Analyte	FRL	MDL
Neptunium-237	3.2 pCi/g	0.32 pCi/g

ATTACHMENT 1
(cont'd)

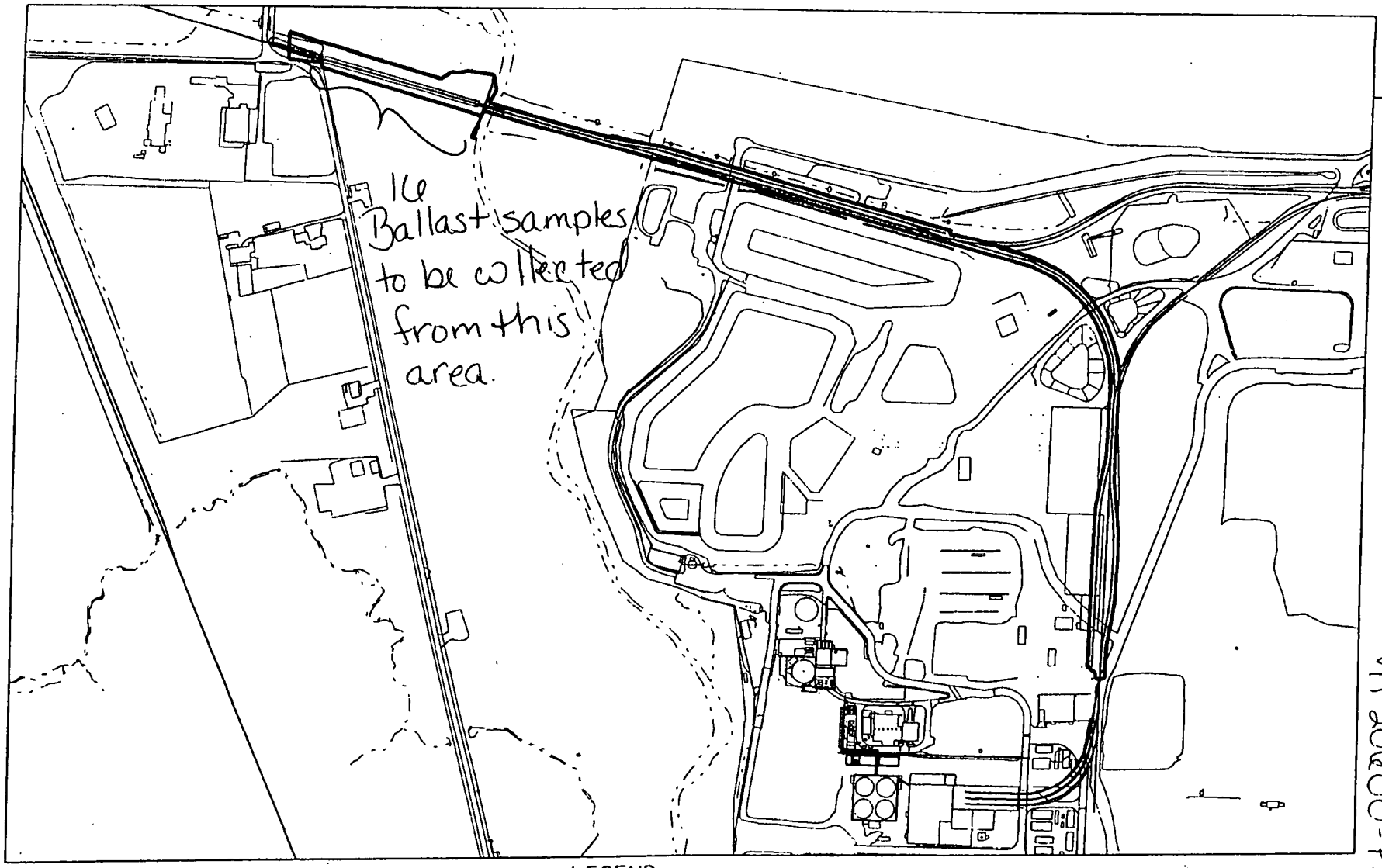
20600-PSP-0016-B9
(estimated 16 samples estimated in V/FCN)

Analyte	FRL	MDL
Arsenic	12 mg/kg	1.2 mg/kg
Barium	68000 mg/kg	200 mg/kg
Beryllium	1.5 mg/kg	0.15 mg/kg
Cadmium	82 mg/kg	8.2 mg/kg
Chromium	300 mg/kg	30 mg/kg
Lead	400 mg/kg	40 mg/kg
Mercury	7.5 mg/kg	0.75 mg/kg
Selenium	5400 mb/kg	10 mg/kg
Silver	29000 mg/kg	40 mg/kg

20600-PSP-0016-A1
(estimated 16 samples estimated in V/FCN)

Analyte	FRL/*BTV*[a]	MDL[a]
Benzo(a)anthracene	20 mg/kg / *1.0 mg/kg*	2.0 mg/kg
Benzo(a)pyrene	2.0 mg/kg / *1.0 mg/kg*	0.2 mg/kg
Benzo(b)fluoranthene	20 mg/kg / *1.0 mg/kg*	2.0 mg/kg
Benzo(g,h,i)perylene	*1.0 mg/kg*	*0.1 mg/kg*
Benzo(k)fluoranthene	200 mg/kg / *1.0 mg/kg*	20 mg/kg
Chrysene	2,000 mg/kg / *1.0 mg/kg*	200 mg/kg
Dibenzo(a,h)anthracene	2.0 mg/kg / *0.088 mg/kg*	0.2 mg/kg
Fluoranthene	*10 mg/kg*	*0.1 mg/kg*
Indeno(1,2,3-cd)pyrene	20 mg/kg / *1.0 mg/kg*	2.0 mg/kg
Phenanthrene	*5 mg/kg*	*0.5 mg/kg*
Pyrene	*10 mg/kg*	*0.1 mg/kg*

[a]BTV applies to Ecological COCs. MDL is 10% of the BTV for COCs that do not have an FRL



LEGEND:

SCALE

500 250 0 500 FEET

DRAFT

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STATE PLANAR COORDINATE SYSTEM 1983

26-JUN-2006

FIGURE 1.

Page 4 of 4
v/f 20600-PSP-0016-107

VARIANCE / FIELD CHANGE NOTICE	[redacted]	V/F: 20600-PSP-0016-109
WBS NO.: PROJECT/DOCUMENT/ECDC # 20600-PSP-0016 Rev.0		**Page: 1 of 4**
PROJECT TITLE: Project Specific Plan For Excavation Control And Precertification of the Area 6 Waste Pits and General Area		**Date: 8/30/06**

VARIANCE / FIELD CHANGE NOTICE (Include justification):

This Variance/Field Change Notice (V/FCN) documents the collection of ballast material from the section of track located north of the SWL as well as the section of track west of the FCP gate. See Figure 1 for the areas to be sampled.

Four locations of representative spacing are to be field located in each area to be sampled, for a total of eight locations being sampled. Samples are to be collected from just beneath the top surface of the ballast. Contact the surveyors to survey in the sample locations.

The Sampling and Analytical Requirements and Target Analyte Lists (TALs) are provided on Attachment 1.

Each sample collected will be submitted for analysis of the TALs provided on Attachment 1.

The first sample collected shall by identified as BLST-44^RMS, and each additional sample collected shall be consecutively numbered, where:

BLST = Sample collected from the ballast
44, 45, etc = Consecutive sample numbers (locations)
R = radiological analysis
M = metals analysis
S = semi-volatile analysis (PAHs)

Surveying Required: Yes - by surveying group.
Field Data Validation: Yes

Justification:
The ballast material is being characterized to further assess disposition options.

REQUESTED BY: Denise Arico Date: 08/30/06

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE: R. Friske	9/8/06	X	PROJECT MANAGER: J.D. Chiou	8/30/06
	DATA QUALITY MANAGEMENT		X	CHARACTERIZATION MANAGER: R. Arnz	30 Aug 06
X	ANALYTICAL CUSTOMER SUPPORT: Paul S. McGurgan	8/30/06		RTIMP Manager	
	WAO		X	SAMPLING MANAGER: T. Bubenage	9/14/06

VARIANCE/FCN APPROVED [X]YES [ ]NO REVISION REQUIRED: [ ]YES [X]NO

DISTRIBUTION

PROJECT MANAGER:	DOCUMENT CONTROL: Jeannie Rosser	OTHER:
QUALITY ASSURANCE:	CHARACTERIZATION MANAGER: Frank Miller	OTHER:
FIELD MANAGER:	OTHER:	OTHER:

ATTACHMENT 1
SAMPLING AND ANALYTICAL REQUIREMENTS

TAL(s)	Method	Matrix	ASL	Preserve	TAT	Container[b]	Minimum Mass
Rads/Metals/SVOCs (TAL A1/B5/B7/B8/B9)	Gamma or Alpha Spec or LSC or GPC	Solid	D/E	Cool, 4° C	EDD gamma 10 days[a] Final gamma 14 days Final Tc99 10 days Final Th230 10days	Polyethylene sample container	250 g[c]
	ICP/AES or ICP/MS				10 day		
	GC				10 day		

Special Instructions (samplers):

[c]At the direction of the field sampling lead, triple the specified sample mass shall be collected from one sample location in order for the contract laboratory to perform the required quality control analysis. The sample shall be identified on the Chain of Custody/Request for Analysis form as "designated for laboratory QC."

[b]Sample container types may be changed at the direction of the Field Sampling Lead, as long as the volume requirements, container compatibility requirements, and SCQ requirements are met.

Special Instructions (SPL/Lab):

[a]Samples will go through a 7-day in-growth, and shall have "7DAY" noted in the suffix field of the EDD.
Analytical Data Validation is required.
ASL: D/E
Data Package Requirements – Full Data Package
Historical Data for Shipping: 23.5 mg/kg total uranium from boring location A6-SA3-8

TARGET ANALYTE LIST

20600-PSP-0016-B5
(8 samples estimated in V/FCN)

Analyte	FRL	MDL
Thorium-230	280 pCi/g	28 pCi/g
Total Uranium	82 mg/kg	8.2 mg/kg
Radium-226	1.7 pCi/g	0.17 pCi/g
Radium-228	1.8 pCi/g	0.18 pCi/g
Thorium-228	1.7 pCi/g	0.17 pCi/g
Thorium-232	1.5 pCi/g	0.15 pCi/g
Technetium-99	30.0 pCi/g	2.9 pCi/g

0.3

20600-PSP-0016-B7
(8 samples estimated in V/FCN)

Analyte	FRL	10 MDL
Lead-210	38 pCi/g	~~3.8~~ pCi/g

20600-PSP-0016-B8
(8 samples estimated in V/FCN)

Analyte	FRL	MDL
Neptunium-237	3.2 pCi/g	0.32 pCi/g

ATTACHMENT 1
(cont'd)

20600-PSP-0016-B9
(8 samples estimated in V/FCN)

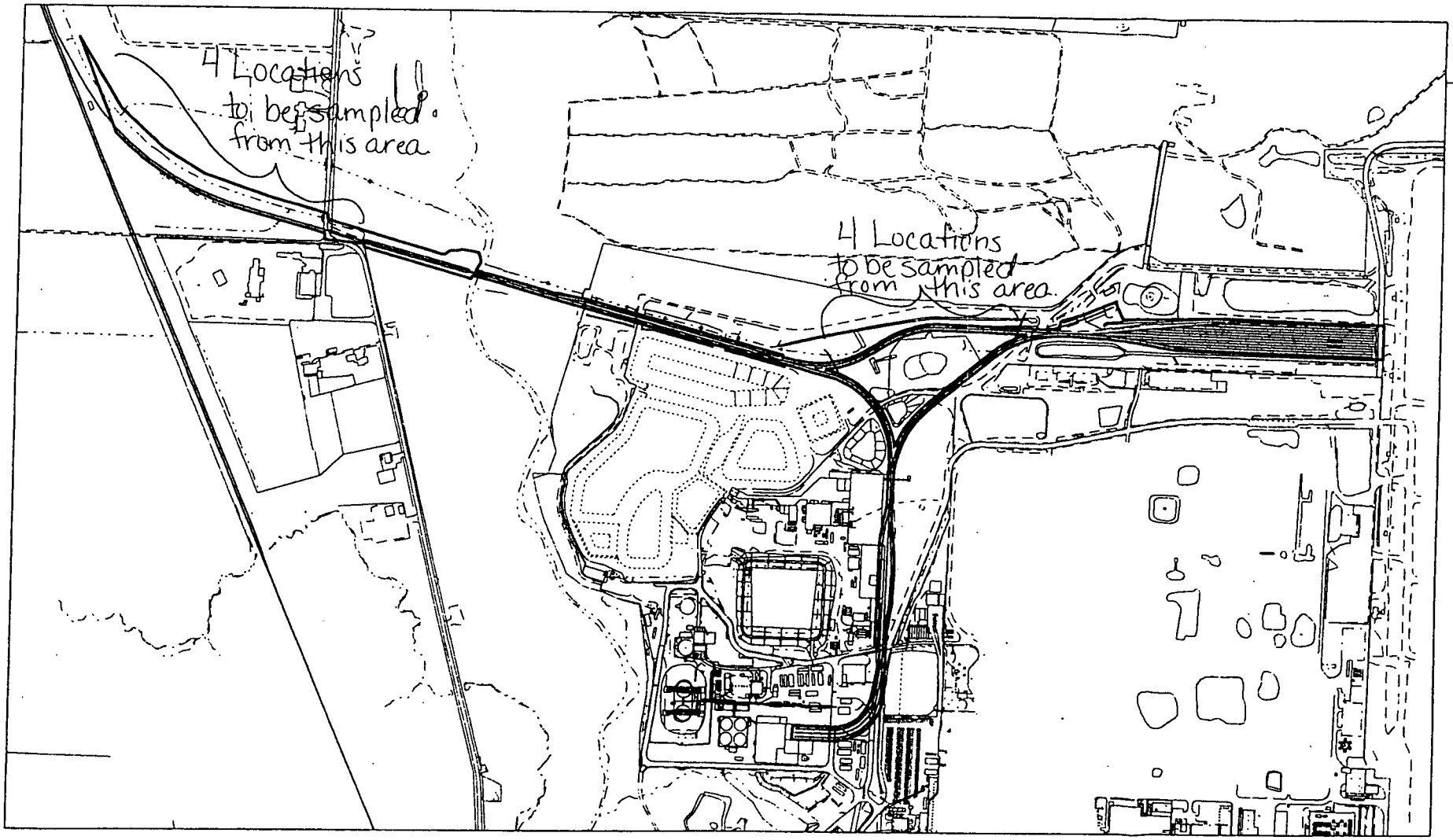
Analyte	FRL	MDL
Arsenic	12 mg/kg	1.2 mg/kg
Barium	68000 mg/kg	200 mg/kg
Beryllium	1.5 mg/kg	0.15 mg/kg
Cadmium	82 mg/kg	8.2 mg/kg
Chromium	300 mg/kg	30 mg/kg
Lead	400 mg/kg	40 mg/kg
Mercury	7.5 mg/kg	0.75 mg/kg
Selenium	5400 mb/kg	10 mg/kg
Silver	29000 mg/kg	40 mg/kg

mg/kg

20600-PSP-0016-A1
(8 samples estimated in V/FCN)

Analyte	FRL/*BTV*[a]	MDL[a]
Benzo(a)anthracene	20 mg/kg / *1.0 mg/kg*	2.0 mg/kg
Benzo(a)pyrene	2.0 mg/kg / *1.0 mg/kg*	0.2 mg/kg
Benzo(b)fluoranthene	20 mg/kg / *1.0 mg/kg*	2.0 mg/kg
Benzo(g,h,i)perylene	*1.0 mg/kg*	*0.1 mg/kg*
Benzo(k)fluoranthene	200 mg/kg / *1.0 mg/kg*	20 mg/kg
Chrysene	2,000 mg/kg / *1.0 mg/kg*	200 mg/kg
Dibenzo(a,h)anthracene	2.0 mg/kg / *0.088 mg/kg*	0.2 mg/kg
Fluoranthene	*10 mg/kg*	*0.1 mg/kg*
Indeno(1,2,3-cd)pyrene	20 mg/kg / *1.0 mg/kg*	2.0 mg/kg
Phenanthrene	*5 mg/kg*	*0.5 mg/kg*
Pyrene	*10 mg/kg*	*0.1 mg/kg*

[a]BTV applies to Ecological COCs. MDL is 10% of the BTV for COCs that do not have an FRL



LEGEND:

SCALE

500 250 0 500 FEET

DRAFT

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FIGURE 1

+VARIANCE / FIELD CHANGE NOTICE	V/F: 20600-PSP-0016-110
WBS NO.: PROJECT/DOCUMENT/ECDC # 20600-PSP-0016 Rev.0	Page: 1 of 3
PROJECT TITLE: Project Specific Plan For Excavation Control And Precertification of the Area 6 Waste Pits and General Area	Date: 9/7/06

VARIANCE / FIELD CHANGE NOTICE (Include justification):

This Variance/Field Change Notice (V/FCN) documents the collection of soil samples from the banks of Paddys Run Creek directly under the train trestle.

Six locations are to be marked for sampling up each bank of Paddys Run Creek directly underneath the train trestle, for a total of 12 sample locations. The locations will be field located by the lead field tech (but coordinate with Bob Minges or Denise Arico). The top six inches of the soil surface will be collected at each location, and each sample will be submitted for the analytes listed in the TALs provided on attachment 1.

The Sampling and Analytical Requirements and Target Analyte Lists (TALs) are provided on Attachment 1.

Samples collected from the first location shall by identified as A6-UT-1^RMPS and A6-UT-1^L, and each additional sample collected shall be consecutively numbered, where:

A6 = Sample collected in Area 6
UT = Underneath the trestle
1, 2, etc = Consecutive sample numbers (locations)
R = radiological analysis
M = metals analysis
P = pest/PCB analysis
S = semi-volatile analysis (PAHs)
L = volatiles analysis

A trip blank shall be collected and identified as A6-UT-TB1-L.

Surveying Required: Yes - by surveying group.
Field Data Validation: Yes

Justification:
The soil under the trestle is being sampled to ensure that rail operations did not impact the area.

REQUESTED BY: Denise Arico Date: 09/7/06

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE: R. Friske		X	PROJECT MANAGER: J.D. Chiou	9/26/06
	DATA QUALITY MANAGEMENT		X	CHARACTERIZATION MANAGER: [illegible]	7/8/06
X	ANALYTICAL CUSTOMER SUPPORT:	9/25/06		RTIMS Manager	
	WAO		X	SAMPLING MANAGER: T. Buhrlage	9/14/06

VARIANCE/FCN APPROVED [X]YES [ ]NO REVISION REQUIRED: [ ]YES [X]NO

DISTRIBUTION

PROJECT MANAGER:	DOCUMENT CONTROL: Jeannie Rosser	OTHER:
QUALITY ASSURANCE:	CHARACTERIZATION MANAGER: Frank Miller	OTHER:
FIELD MANAGER:	OTHER:	OTHER:

ATTACHMENT 1
SAMPLING AND ANALYTICAL REQUIREMENTS

TAL(s)	Method	Matrix	ASL	Preserve	TAT	Container[b]	Minimum Mass
Rads/Metals/ SVOCs/ Pest/PCBs (TAL B5/E/O/A1/Q)	Gamma or Alpha Spec or LSC or GPC	Solid	D	Cool, 4° C	EDD gamma 10 days[a] Final gamma 14 days Final Tc99 10 days Final Th230 10days	Glass sample container	500 g[c]
	ICP/AES or ICP/MS				10 day		
	GC				10 day		
Volatiles (TAL I)	GC/MS	Solid	D	Cool, 4° C	10 days	3 x 1-Encore Sampler plus 1 x 2-oz jar for percent moisture	Each Encore will hold approx 5 g
Volatiles (TAL I)	GC/MS	Trip Blank	D	H_2SO_4 pH<2 Cool, 4° C	10 days	2 x 40-ml glass with Teflon-lined septa	120 ml (no headspace)

Special Instructions (samplers):

[c]At the direction of the field sampling lead, triple the specified sample mass shall be collected from one sample location in order for the contract laboratory to perform the required quality control analysis. The sample shall be identified on the Chain of Custody/Request for Analysis form as "designated for laboratory QC."

[b]Sample container types may be changed at the direction of the Field Sampling Lead, as long as the volume requirements, container compatibility requirements, and SCQ requirements are met.

Special Instructions (SPL/Lab):

[a]One sample will be selected for analysis utilizing a 21-day in-growth with a 25-day TAT for Ra-226. Samples with a 7-day in-growth will be denoted by a "7DAY" suffix in the EDD while the sample chosen as a 21-day in-growth will be denoted by a "21DAY" suffix in the EDD.

Analytical Data Validation is required.

ASL: D

Data Package Requirements – Full Data Package

Historical Data for Shipping: 23.5 mg/kg total uranium from boring location A6-SA3-8

TARGET ANALYTE LIST

20600-PSP-0016-B5
(8 samples estimated in V/FCN)

Analyte	FRL	MDL
Thorium-230	280 pCi/g	28 pCi/g
Total Uranium	82 mg/kg	8.2 mg/kg
Radium-226	1.7 pCi/g	0.3 pCi/g
Radium-228	1.8 pCi/g	0.3 pCi/g
Thorium-228	1.7 pCi/g	0.3 pCi/g
Thorium-232	1.5 pCi/g	0.3 pCi/g
Technetium-99	30.0 pCi/g	2.9 pCi/g

20600-PSP-0016-E
(8 samples estimated in V/FCN)

Analyte	FRL	MDL
Cesium-137	1.4 pCi/g	0.14 pCi/g

ATTACHMENT 1
(cont'd)

20600-PSP-0016-O
(8 samples estimated in V/FCN)

Analyte	FRL	MDL
Antimony	10 mg/kg	1.0 mg/kg
Arsenic	12 mg/kg	1.2 mg/kg
Beryllium	1.5 mg/kg	0.15 mg/kg
Cadmium	82 mg/kg	8.2 mg/kg
Silver	29000 mg/kg	40 mg/kg
Fluoride	78000 mg/kg	7800 mg/kg

20600-PSP-0016-A1
(8 samples estimated in V/FCN)

Analyte	FRL/*BTV*[a]	MDL[a]
Benzo(a)anthracene	20 mg/kg / *1.0 mg/kg*	2.0 mg/kg
Benzo(a)pyrene	2.0 mg/kg / *1.0 mg/kg*	0.2 mg/kg
Benzo(b)fluoranthene	20 mg/kg / *1.0 mg/kg*	2.0 mg/kg
Benzo(g,h,i)perylene	*1.0 mg/kg*	*0.1 mg/kg*
Benzo(k)fluoranthene	200 mg/kg / *1.0 mg/kg*	20 mg/kg
Chrysene	2,000 mg/kg / *1.0 mg/kg*	200 mg/kg
Dibenzo(a,h)anthracene	2.0 mg/kg / *0.088 mg/kg*	0.2 mg/kg
Fluoranthene	*10 mg/kg*	*0.1 mg/kg*
Indeno(1,2,3-cd)pyrene	20 mg/kg / *1.0 mg/kg*	2.0 mg/kg
Phenanthrene	*5 mg/kg*	*0.5 mg/kg*
Pyrene	*10 mg/kg*	*0.1 mg/kg*

20600-PSP-0016-I
(8 samples estimated in V/FCN)

Analyte	FRL/*BTV*[a]	MDL[a]
Bromodichloromehtane	4.0 mg/kg	0.4 mg/kg
1,1-Dichloroethene	0.41 mg/kg	0.041 mg/kg
Tetrachloroethene	3.6 mg/kg	0.36 mg/kg

20600-PSP-0016-Q
(8 samples estimated in V/FCN)

Analyte	FRL/*BTV*[a]	MDL[a]
Aroclor-1254	0.13 mg/kg	0.013 mg/kg
Aroclor-1260	0.13 mg/kg	0.013 mg/kg
Dieldrin	0.015mg/kg	0.0015 mg/kg

[a]BTV applies to Ecological COCs. MDL is 10% of the BTV for COCs that do not have an FRL

APPENDIX D

PRECERTIFICATION DATA

ATTACHMENT D.1

PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C01-1	RLS-C01-1^F-RMP	20-Jan-06	Aroclor-1254	3.8	U	µg/kg	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^N-3-RMP	20-Jan-06	Aroclor-1254	4.5	J	µg/kg	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^F-RMP	20-Jan-06	Aroclor-1260	3.8	U	µg/kg	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^N-3-RMP	20-Jan-06	Aroclor-1260	3.9	U	µg/kg	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^F-RMP	20-Jan-06	Arsenic	5.06	J	mg/kg	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^N-3-RMP	20-Jan-06	Arsenic	7.34	J	mg/kg	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^F-RMP	20-Jan-06	Beryllium	0.521	-	mg/kg	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^N-3-RMP	20-Jan-06	Beryllium	0.683	-	mg/kg	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^F-RMP	20-Jan-06	Radium-226	1.25	-	pCi/g	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^N-3-RMP	20-Jan-06	Radium-226	1.07	-	pCi/g	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^F-RMP	20-Jan-06	Radium-228	1.07	-	pCi/g	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^N-3-RMP	20-Jan-06	Radium-228	0.941	-	pCi/g	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^F-RMP	20-Jan-06	Thorium-228	1.05	-	pCi/g	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^N-3-RMP	20-Jan-06	Thorium-228	0.975	-	pCi/g	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^F-RMP	20-Jan-06	Thorium-232	1.07	-	pCi/g	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^N-3-RMP	20-Jan-06	Thorium-232	0.941	-	pCi/g	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^F-RMP	20-Jan-06	Uranium, Total	3.35	U	mg/kg	482420.621	1349602.019
RLS-C01-1	RLS-C01-1^N-3-RMP	20-Jan-06	Uranium, Total	4.76	J	mg/kg	482420.621	1349602.019
RLS-C01-10	RLS-C01-10^RMP	23-Jan-06	Aroclor-1254	3.8	U	µg/kg	482430.614	1350176.319
RLS-C01-10	RLS-C01-10^RMP	23-Jan-06	Aroclor-1260	3.8	U	µg/kg	482430.614	1350176.319
RLS-C01-10	RLS-C01-10^RMP	23-Jan-06	Arsenic	7.24	J	mg/kg	482430.614	1350176.319
RLS-C01-10	RLS-C01-10^RMP	23-Jan-06	Beryllium	0.464	-	mg/kg	482430.614	1350176.319
RLS-C01-10	RLS-C01-10^RMP	23-Jan-06	Radium-226	0.605	-	pCi/g	482430.614	1350176.319
RLS-C01-10	RLS-C01-10^RMP	23-Jan-06	Radium-228	0.416	-	pCi/g	482430.614	1350176.319
RLS-C01-10	RLS-C01-10^RMP	23-Jan-06	Thorium-228	0.413	-	pCi/g	482430.614	1350176.319
RLS-C01-10	RLS-C01-10^RMP	23-Jan-06	Thorium-232	0.416	-	pCi/g	482430.614	1350176.319
RLS-C01-10	RLS-C01-10^RMP	23-Jan-06	Uranium, Total	2.39	U	mg/kg	482430.614	1350176.319
RLS-C01-11	RLS-C01-11^RMP	20-Jan-06	Aroclor-1254	3.9	U	µg/kg	482414.967	1350234.102
RLS-C01-11	RLS-C01-11^RMP	20-Jan-06	Aroclor-1260	3.9	U	µg/kg	482414.967	1350234.102
RLS-C01-11	RLS-C01-11^RMP	20-Jan-06	Arsenic	4.61	J	mg/kg	482414.967	1350234.102
RLS-C01-11	RLS-C01-11^RMP	20-Jan-06	Beryllium	0.472	-	mg/kg	482414.967	1350234.102
RLS-C01-11	RLS-C01-11^RMP	20-Jan-06	Radium-226	0.987	-	pCi/g	482414.967	1350234.102
RLS-C01-11	RLS-C01-11^RMP	20-Jan-06	Radium-228	0.961	-	pCi/g	482414.967	1350234.102
RLS-C01-11	RLS-C01-11^RMP	20-Jan-06	Thorium-228	1	-	pCi/g	482414.967	1350234.102
RLS-C01-11	RLS-C01-11^RMP	20-Jan-06	Thorium-232	0.961	-	pCi/g	482414.967	1350234.102
RLS-C01-11	RLS-C01-11^RMP	20-Jan-06	Uranium, Total	4.05	U	mg/kg	482414.967	1350234.102
RLS-C01-12	RLS-C01-12^RMP	20-Jan-06	Aroclor-1254	3.7	U	µg/kg	482397.405	1350291.213
RLS-C01-12	RLS-C01-12^RMP	20-Jan-06	Aroclor-1260	3.7	U	µg/kg	482397.405	1350291.213
RLS-C01-12	RLS-C01-12^RMP	20-Jan-06	Arsenic	5.51	J	mg/kg	482397.405	1350291.213
RLS-C01-12	RLS-C01-12^RMP	20-Jan-06	Beryllium	0.445	-	mg/kg	482397.405	1350291.213
RLS-C01-12	RLS-C01-12^RMP	20-Jan-06	Radium-226	0.978	-	pCi/g	482397.405	1350291.213
RLS-C01-12	RLS-C01-12^RMP	20-Jan-06	Radium-228	0.735	-	pCi/g	482397.405	1350291.213
RLS-C01-12	RLS-C01-12^RMP	20-Jan-06	Thorium-228	0.755	-	pCi/g	482397.405	1350291.213
RLS-C01-12	RLS-C01-12^RMP	20-Jan-06	Thorium-232	0.735	-	pCi/g	482397.405	1350291.213
RLS-C01-12	RLS-C01-12^RMP	20-Jan-06	Uranium, Total	5.53	U	mg/kg	482397.405	1350291.213
RLS-C01-13	RLS-C01-13^RMP	23-Jan-06	Aroclor-1254	3.9	U	µg/kg	482430.64	1350390.03
RLS-C01-13	RLS-C01-13^RMP	23-Jan-06	Aroclor-1260	3.9	U	µg/kg	482430.64	1350390.03
RLS-C01-13	RLS-C01-13^RMP	23-Jan-06	Arsenic	5.32	J	mg/kg	482430.64	1350390.03

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C01-13	RLS-C01-13^RMP	23-Jan-06	Beryllium	0.596	-	mg/kg	482430.64	1350390.03
RLS-C01-13	RLS-C01-13^RMP	23-Jan-06	Radium-226	0.997	-	pCi/g	482430.64	1350390.03
RLS-C01-13	RLS-C01-13^RMP	23-Jan-06	Radium-228	0.741	-	pCi/g	482430.64	1350390.03
RLS-C01-13	RLS-C01-13^RMP	23-Jan-06	Thorium-228	0.753	-	pCi/g	482430.64	1350390.03
RLS-C01-13	RLS-C01-13^RMP	23-Jan-06	Thorium-232	0.741	-	pCi/g	482430.64	1350390.03
RLS-C01-13	RLS-C01-13^RMP	23-Jan-06	Uranium, Total	6.05	J	mg/kg	482430.64	1350390.03
RLS-C01-15	RLS-C01-15^RMP	20-Jan-06	Aroclor-1254	3.8	U	µg/kg	482390.73	1350518.123
RLS-C01-15	RLS-C01-15^RMP	20-Jan-06	Aroclor-1260	3.8	U	µg/kg	482390.73	1350518.123
RLS-C01-15	RLS-C01-15^RMP	20-Jan-06	Arsenic	4.53	J	mg/kg	482390.73	1350518.123
RLS-C01-15	RLS-C01-15^RMP	20-Jan-06	Beryllium	0.364	-	mg/kg	482390.73	1350518.123
RLS-C01-15	RLS-C01-15^RMP	20-Jan-06	Radium-226	1.05	-	pCi/g	482390.73	1350518.123
RLS-C01-15	RLS-C01-15^RMP	20-Jan-06	Radium-228	0.691	-	pCi/g	482390.73	1350518.123
RLS-C01-15	RLS-C01-15^RMP	20-Jan-06	Thorium-228	0.627	-	pCi/g	482390.73	1350518.123
RLS-C01-15	RLS-C01-15^RMP	20-Jan-06	Thorium-232	0.691	-	pCi/g	482390.73	1350518.123
RLS-C01-15	RLS-C01-15^RMP	20-Jan-06	Uranium, Total	5.9	J	mg/kg	482390.73	1350518.123
RLS-C01-16	RLS-C01-16^RMP	23-Jan-06	Aroclor-1254	3.6	U	µg/kg	482396.875	1350581.874
RLS-C01-16	RLS-C01-16^RMP	23-Jan-06	Aroclor-1260	3.6	U	µg/kg	482396.875	1350581.874
RLS-C01-16	RLS-C01-16^RMP	23-Jan-06	Arsenic	7	J	mg/kg	482396.875	1350581.874
RLS-C01-16	RLS-C01-16^RMP	23-Jan-06	Beryllium	0.49	-	mg/kg	482396.875	1350581.874
RLS-C01-16	RLS-C01-16^RMP	23-Jan-06	Radium-226	1.06	-	pCi/g	482396.875	1350581.874
RLS-C01-16	RLS-C01-16^RMP	23-Jan-06	Radium-228	0.683	-	pCi/g	482396.875	1350581.874
RLS-C01-16	RLS-C01-16^RMP	23-Jan-06	Thorium-228	0.684	-	pCi/g	482396.875	1350581.874
RLS-C01-16	RLS-C01-16^RMP	23-Jan-06	Thorium-232	0.683	-	pCi/g	482396.875	1350581.874
RLS-C01-16	RLS-C01-16^RMP	23-Jan-06	Uranium, Total	4.7	J	mg/kg	482396.875	1350581.874
RLS-C01-2	RLS-C01-2^RMP	20-Jan-06	Aroclor-1254	3.8	U	µg/kg	482420.179	1349654.936
RLS-C01-2	RLS-C01-2^RMP	20-Jan-06	Aroclor-1260	3.8	U	µg/kg	482420.179	1349654.936
RLS-C01-2	RLS-C01-2^RMP	20-Jan-06	Arsenic	5.1	J	mg/kg	482420.179	1349654.936
RLS-C01-2	RLS-C01-2^RMP	20-Jan-06	Beryllium	0.425	-	mg/kg	482420.179	1349654.936
RLS-C01-2	RLS-C01-2^RMP	20-Jan-06	Radium-226	0.981	-	pCi/g	482420.179	1349654.936
RLS-C01-2	RLS-C01-2^RMP	20-Jan-06	Radium-228	0.759	-	pCi/g	482420.179	1349654.936
RLS-C01-2	RLS-C01-2^RMP	20-Jan-06	Thorium-228	0.752	-	pCi/g	482420.179	1349654.936
RLS-C01-2	RLS-C01-2^RMP	20-Jan-06	Thorium-232	0.759	-	pCi/g	482420.179	1349654.936
RLS-C01-2	RLS-C01-2^RMP	20-Jan-06	Uranium, Total	3.66	U	mg/kg	482420.179	1349654.936
RLS-C01-3	RLS-C01-3^RMP	23-Jan-06	Aroclor-1254	4.5	U	µg/kg	482447.959	1349721.361
RLS-C01-3	RLS-C01-3^RMP	23-Jan-06	Aroclor-1260	4.5	U	µg/kg	482447.959	1349721.361
RLS-C01-3	RLS-C01-3^RMP	23-Jan-06	Arsenic	10.8	J	mg/kg	482447.959	1349721.361
RLS-C01-3	RLS-C01-3^RMP	23-Jan-06	Beryllium	0.571	-	mg/kg	482447.959	1349721.361
RLS-C01-3	RLS-C01-3^RMP	23-Jan-06	Radium-226	1.6	-	pCi/g	482447.959	1349721.361
RLS-C01-3	RLS-C01-3^RMP	23-Jan-06	Radium-228	1.24	-	pCi/g	482447.959	1349721.361
RLS-C01-3	RLS-C01-3^RMP	23-Jan-06	Thorium-228	1.3	-	pCi/g	482447.959	1349721.361
RLS-C01-3	RLS-C01-3^RMP	23-Jan-06	Thorium-232	1.24	-	pCi/g	482447.959	1349721.361
RLS-C01-3	RLS-C01-3^RMP	23-Jan-06	Uranium, Total	7.89	-	mg/kg	482447.959	1349721.361
RLS-C01-5	RLS-C01-5^RMP	23-Jan-06	Aroclor-1254	3.9	U	µg/kg	482441.702	1349872.029
RLS-C01-5	RLS-C01-5^RMP	23-Jan-06	Aroclor-1260	3.9	U	µg/kg	482441.702	1349872.029
RLS-C01-5	RLS-C01-5^RMP	23-Jan-06	Arsenic	5.89	J	mg/kg	482441.702	1349872.029
RLS-C01-5	RLS-C01-5^RMP	23-Jan-06	Beryllium	0.517	-	mg/kg	482441.702	1349872.029
RLS-C01-5	RLS-C01-5^RMP	23-Jan-06	Radium-226	1.11	-	pCi/g	482441.702	1349872.029
RLS-C01-5	RLS-C01-5^RMP	23-Jan-06	Radium-228	0.84	-	pCi/g	482441.702	1349872.029

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C01-5	RLS-C01-5^RMP	23-Jan-06	Thorium-228	0.883	-	pCi/g	482441.702	1349872.029
RLS-C01-5	RLS-C01-5^RMP	23-Jan-06	Thorium-232	0.84	-	pCi/g	482441.702	1349872.029
RLS-C01-5	RLS-C01-5^RMP	23-Jan-06	Uranium, Total	2.89	U	mg/kg	482441.702	1349872.029
RLS-C01-7	RLS-C01-7^RMP	20-Jan-06	Aroclor-1254	3.8	U	µg/kg	482423.251	1349958.593
RLS-C01-7	RLS-C01-7^RMP	20-Jan-06	Aroclor-1260	3.8	U	µg/kg	482423.251	1349958.593
RLS-C01-7	RLS-C01-7^RMP	20-Jan-06	Arsenic	4.93	J	mg/kg	482423.251	1349958.593
RLS-C01-7	RLS-C01-7^RMP	20-Jan-06	Beryllium	0.468	-	mg/kg	482423.251	1349958.593
RLS-C01-7	RLS-C01-7^RMP	20-Jan-06	Radium-226	0.935	-	pCi/g	482423.251	1349958.593
RLS-C01-7	RLS-C01-7^RMP	20-Jan-06	Radium-228	0.769	-	pCi/g	482423.251	1349958.593
RLS-C01-7	RLS-C01-7^RMP	20-Jan-06	Thorium-228	0.733	-	pCi/g	482423.251	1349958.593
RLS-C01-7	RLS-C01-7^RMP	20-Jan-06	Thorium-232	0.769	-	pCi/g	482423.251	1349958.593
RLS-C01-7	RLS-C01-7^RMP	20-Jan-06	Uranium, Total	3.28	U	mg/kg	482423.251	1349958.593
RLS-C01-8	RLS-C01-8^RMP	20-Jan-06	Aroclor-1254	4.1	U	µg/kg	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP-D	20-Jan-06	Aroclor-1254	4.1	U	µg/kg	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP	20-Jan-06	Aroclor-1260	4.1	U	µg/kg	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP-D	20-Jan-06	Aroclor-1260	4.1	U	µg/kg	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP	20-Jan-06	Arsenic	8.96	J	mg/kg	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP-D	20-Jan-06	Arsenic	12.1	J	mg/kg	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP	20-Jan-06	Beryllium	0.809	-	mg/kg	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP-D	20-Jan-06	Beryllium	0.942	-	mg/kg	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP	20-Jan-06	Radium-226	1.68	-	pCi/g	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP-D	20-Jan-06	Radium-226	1.53	-	pCi/g	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP	20-Jan-06	Radium-228	1.27	-	pCi/g	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP-D	20-Jan-06	Radium-228	1.29	-	pCi/g	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP	20-Jan-06	Thorium-228	1.27	-	pCi/g	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP-D	20-Jan-06	Thorium-228	1.39	-	pCi/g	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP	20-Jan-06	Thorium-232	1.27	-	pCi/g	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP-D	20-Jan-06	Thorium-232	1.29	-	pCi/g	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP	20-Jan-06	Uranium, Total	3.96	U	mg/kg	482421.72	1350023.597
RLS-C01-8	RLS-C01-8^RMP-D	20-Jan-06	Uranium, Total	10.7	-	mg/kg	482421.72	1350023.597
RLS-C02-1	RLS-C02-1^F-RMP	10-Feb-06	Aroclor-1254	3.9	U	µg/kg	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^N-4-RMP	10-Feb-06	Aroclor-1254	3.9	U	µg/kg	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^F-RMP	10-Feb-06	Aroclor-1260	3.9	U	µg/kg	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^N-4-RMP	10-Feb-06	Aroclor-1260	3.9	U	µg/kg	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^F-RMP	10-Feb-06	Arsenic	9.2	J	mg/kg	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^N-4-RMP	10-Feb-06	Arsenic	6.6	J	mg/kg	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^F-RMP	10-Feb-06	Beryllium	0.51	-	mg/kg	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^N-4-RMP	10-Feb-06	Beryllium	0.62	-	mg/kg	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^F-RMP	10-Feb-06	Radium-226	0.929	-	pCi/g	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^N-4-RMP	10-Feb-06	Radium-226	1.06	-	pCi/g	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^F-RMP	10-Feb-06	Radium-228	0.913	-	pCi/g	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^N-4-RMP	10-Feb-06	Radium-228	1	-	pCi/g	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^F-RMP	10-Feb-06	Thorium-228	0.908	-	pCi/g	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^N-4-RMP	10-Feb-06	Thorium-228	1.01	-	pCi/g	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^F-RMP	10-Feb-06	Thorium-232	0.913	-	pCi/g	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^N-4-RMP	10-Feb-06	Thorium-232	1	-	pCi/g	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^F-RMP	10-Feb-06	Uranium, Total	6.71	-	mg/kg	482379.798	1349598.767
RLS-C02-1	RLS-C02-1^N-4-RMP	10-Feb-06	Uranium, Total	5.35	-	mg/kg	482379.798	1349598.767

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C02-10	RLS-C02-10^RMP	9-Feb-06	Aroclor-1254	4.1	U	µg/kg	482346.586	1350143.703
RLS-C02-10	RLS-C02-10^RMP	9-Feb-06	Aroclor-1260	4.1	U	µg/kg	482346.586	1350143.703
RLS-C02-10	RLS-C02-10^RMP	9-Feb-06	Arsenic	8.8	-	mg/kg	482346.586	1350143.703
RLS-C02-10	RLS-C02-10^RMP	9-Feb-06	Beryllium	0.89	J	mg/kg	482346.586	1350143.703
RLS-C02-10	RLS-C02-10^RMP	9-Feb-06	Radium-226	1.37	J	pCi/g	482346.586	1350143.703
RLS-C02-10	RLS-C02-10^RMP	9-Feb-06	Radium-228	1.34	J	pCi/g	482346.586	1350143.703
RLS-C02-10	RLS-C02-10^RMP	9-Feb-06	Thorium-228	1.39	J	pCi/g	482346.586	1350143.703
RLS-C02-10	RLS-C02-10^RMP	9-Feb-06	Thorium-232	1.34	J	pCi/g	482346.586	1350143.703
RLS-C02-10	RLS-C02-10^RMP	9-Feb-06	Uranium, Total	5.15	-	mg/kg	482346.586	1350143.703
RLS-C02-12	RLS-C02-12^RMP	10-Feb-06	Aroclor-1254	3.7	U	µg/kg	482383.04	1350295.231
RLS-C02-12	RLS-C02-12^RMP	10-Feb-06	Aroclor-1260	3.7	U	µg/kg	482383.04	1350295.231
RLS-C02-12	RLS-C02-12^RMP	10-Feb-06	Arsenic	4.9	J	mg/kg	482383.04	1350295.231
RLS-C02-12	RLS-C02-12^RMP	10-Feb-06	Beryllium	0.58	-	mg/kg	482383.04	1350295.231
RLS-C02-12	RLS-C02-12^RMP	10-Feb-06	Radium-226	0.745	-	pCi/g	482383.04	1350295.231
RLS-C02-12	RLS-C02-12^RMP	10-Feb-06	Radium-228	0.673	-	pCi/g	482383.04	1350295.231
RLS-C02-12	RLS-C02-12^RMP	10-Feb-06	Thorium-228	0.695	-	pCi/g	482383.04	1350295.231
RLS-C02-12	RLS-C02-12^RMP	10-Feb-06	Thorium-232	0.673	-	pCi/g	482383.04	1350295.231
RLS-C02-12	RLS-C02-12^RMP	10-Feb-06	Uranium, Total	3.65	-	mg/kg	482383.04	1350295.231
RLS-C02-13	RLS-C02-13^RMP	9-Feb-06	Aroclor-1254	3.7	U	µg/kg	482338.491	1350379.073
RLS-C02-13	RLS-C02-13^RMP	9-Feb-06	Aroclor-1260	3.7	U	µg/kg	482338.491	1350379.073
RLS-C02-13	RLS-C02-13^RMP	9-Feb-06	Arsenic	4.8	-	mg/kg	482338.491	1350379.073
RLS-C02-13	RLS-C02-13^RMP	9-Feb-06	Beryllium	0.37	J	mg/kg	482338.491	1350379.073
RLS-C02-13	RLS-C02-13^RMP	9-Feb-06	Radium-226	0.791	J	pCi/g	482338.491	1350379.073
RLS-C02-13	RLS-C02-13^RMP	9-Feb-06	Radium-228	0.623	J	pCi/g	482338.491	1350379.073
RLS-C02-13	RLS-C02-13^RMP	9-Feb-06	Thorium-228	0.632	J	pCi/g	482338.491	1350379.073
RLS-C02-13	RLS-C02-13^RMP	9-Feb-06	Thorium-232	0.623	J	pCi/g	482338.491	1350379.073
RLS-C02-13	RLS-C02-13^RMP	9-Feb-06	Uranium, Total	2.16	J	mg/kg	482338.491	1350379.073
RLS-C02-14	RLS-C02-14^RMP	9-Feb-06	Aroclor-1254	3.8	U	µg/kg	482337.048	1350431.901
RLS-C02-14	RLS-C02-14^RMP	9-Feb-06	Aroclor-1260	3.8	U	µg/kg	482337.048	1350431.901
RLS-C02-14	RLS-C02-14^RMP	9-Feb-06	Arsenic	4.9	-	mg/kg	482337.048	1350431.901
RLS-C02-14	RLS-C02-14^RMP	9-Feb-06	Beryllium	0.45	J	mg/kg	482337.048	1350431.901
RLS-C02-14	RLS-C02-14^RMP	9-Feb-06	Radium-226	0.872	J	pCi/g	482337.048	1350431.901
RLS-C02-14	RLS-C02-14^RMP	9-Feb-06	Radium-228	0.729	J	pCi/g	482337.048	1350431.901
RLS-C02-14	RLS-C02-14^RMP	9-Feb-06	Thorium-228	0.733	J	pCi/g	482337.048	1350431.901
RLS-C02-14	RLS-C02-14^RMP	9-Feb-06	Thorium-232	0.729	J	pCi/g	482337.048	1350431.901
RLS-C02-14	RLS-C02-14^RMP	9-Feb-06	Uranium, Total	3.66	J	mg/kg	482337.048	1350431.901
RLS-C02-15	RLS-C02-15^RMP	10-Feb-06	Aroclor-1254	3.7	U	µg/kg	482363.827	1350478.442
RLS-C02-15	RLS-C02-15^RMP	10-Feb-06	Aroclor-1260	3.7	U	µg/kg	482363.827	1350478.442
RLS-C02-15	RLS-C02-15^RMP	10-Feb-06	Arsenic	5.2	J	mg/kg	482363.827	1350478.442
RLS-C02-15	RLS-C02-15^RMP	10-Feb-06	Beryllium	0.49	-	mg/kg	482363.827	1350478.442
RLS-C02-15	RLS-C02-15^RMP	10-Feb-06	Radium-226	0.806	-	pCi/g	482363.827	1350478.442
RLS-C02-15	RLS-C02-15^RMP	10-Feb-06	Radium-228	0.734	-	pCi/g	482363.827	1350478.442
RLS-C02-15	RLS-C02-15^RMP	10-Feb-06	Thorium-228	0.742	-	pCi/g	482363.827	1350478.442
RLS-C02-15	RLS-C02-15^RMP	10-Feb-06	Thorium-232	0.734	-	pCi/g	482363.827	1350478.442
RLS-C02-15	RLS-C02-15^RMP	10-Feb-06	Uranium, Total	3.44	-	mg/kg	482363.827	1350478.442
RLS-C02-2	RLS-C02-2^F-RMP	13-Feb-06	Aroclor-1254	3.9	U	µg/kg	482364.31	1349630.266
RLS-C02-2	RLS-C02-2^N-4-RMP	13-Feb-06	Aroclor-1254	3.8	U	µg/kg	482364.31	1349630.266
RLS-C02-2	RLS-C02-2^F-RMP	13-Feb-06	Aroclor-1260	3.9	U	µg/kg	482364.31	1349630.266

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C02-2	RLS-C02-2^N-4-RMP	13-Feb-06	Aroclor-1260	3.8	U	µg/kg	482364.31	1349630.266
RLS-C02-2	RLS-C02-2^F-RMP	13-Feb-06	Arsenic	9.1	J	mg/kg	482364.31	1349630.266
RLS-C02-2	RLS-C02-2^N-4-RMP	13-Feb-06	Arsenic	6.7	J	mg/kg	482364.31	1349630.266
RLS-C02-2	RLS-C02-2^F-RMP	13-Feb-06	Beryllium	0.76	-	mg/kg	482364.31	1349630.266
RLS-C02-2	RLS-C02-2^N-4-RMP	13-Feb-06	Beryllium	0.64	-	mg/kg	482364.31	1349630.266
RLS-C02-2	RLS-C02-2^F-RMP	13-Feb-06	Radium-226	0.935	-	pCi/g	482364.31	1349630.266
RLS-C02-2	RLS-C02-2^N-4-RMP	13-Feb-06	Radium-226	1.16	-	pCi/g	482364.31	1349630.266
RLS-C02-2	RLS-C02-2^F-RMP	13-Feb-06	Radium-228	0.984	-	pCi/g	482364.31	1349630.266
RLS-C02-2	RLS-C02-2^N-4-RMP	13-Feb-06	Radium-228	0.992	-	pCi/g	482364.31	1349630.266
RLS-C02-2	RLS-C02-2^F-RMP	13-Feb-06	Thorium-228	0.93	-	pCi/g	482364.31	1349630.266
RLS-C02-2	RLS-C02-2^N-4-RMP	13-Feb-06	Thorium-228	1.33	-	pCi/g	482364.31	1349630.266
RLS-C02-2	RLS-C02-2^F-RMP	13-Feb-06	Thorium-232	0.984	-	pCi/g	482364.31	1349630.266
RLS-C02-2	RLS-C02-2^N-4-RMP	13-Feb-06	Thorium-232	0.992	-	pCi/g	482364.31	1349630.266
RLS-C02-2	RLS-C02-2^F-RMP	13-Feb-06	Uranium, Total	3.68	-	mg/kg	482364.31	1349630.266
RLS-C02-2	RLS-C02-2^N-4-RMP	13-Feb-06	Uranium, Total	4.27	-	mg/kg	482364.31	1349630.266
RLS-C02-4	RLS-C02-4^RMP	10-Feb-06	Aroclor-1254	4.1	U	µg/kg	482388.561	1349762.491
RLS-C02-4	RLS-C02-4^RMP	10-Feb-06	Aroclor-1260	4.1	U	µg/kg	482388.561	1349762.491
RLS-C02-4	RLS-C02-4^RMP	10-Feb-06	Arsenic	9.3	J	mg/kg	482388.561	1349762.491
RLS-C02-4	RLS-C02-4^RMP	10-Feb-06	Beryllium	1.2	-	mg/kg	482388.561	1349762.491
RLS-C02-4	RLS-C02-4^RMP	10-Feb-06	Radium-226	1.82	-	pCi/g	482388.561	1349762.491
RLS-C02-4	RLS-C02-4^RMP	10-Feb-06	Radium-228	1.41	-	pCi/g	482388.561	1349762.491
RLS-C02-4	RLS-C02-4^RMP	10-Feb-06	Thorium-228	1.4	-	pCi/g	482388.561	1349762.491
RLS-C02-4	RLS-C02-4^RMP	10-Feb-06	Thorium-232	1.41	-	pCi/g	482388.561	1349762.491
RLS-C02-4	RLS-C02-4^RMP	10-Feb-06	Uranium, Total	6.09	-	mg/kg	482388.561	1349762.491
RLS-C02-5	RLS-C02-5^RMP	13-Feb-06	Aroclor-1254	3.9	U	µg/kg	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP-D	13-Feb-06	Aroclor-1254	4	U	µg/kg	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP	13-Feb-06	Aroclor-1260	3.9	U	µg/kg	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP-D	13-Feb-06	Aroclor-1260	4	U	µg/kg	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP	13-Feb-06	Arsenic	7.2	J	mg/kg	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP-D	13-Feb-06	Arsenic	9.5	J	mg/kg	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP	13-Feb-06	Beryllium	0.79	-	mg/kg	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP-D	13-Feb-06	Beryllium	0.8	-	mg/kg	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP	13-Feb-06	Radium-226	0.946	-	pCi/g	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP-D	13-Feb-06	Radium-226	0.915	-	pCi/g	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP	13-Feb-06	Radium-228	1.11	-	pCi/g	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP-D	13-Feb-06	Radium-228	1.06	-	pCi/g	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP	13-Feb-06	Thorium-228	1.12	-	pCi/g	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP-D	13-Feb-06	Thorium-228	1.06	-	pCi/g	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP	13-Feb-06	Thorium-232	1.11	-	pCi/g	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP-D	13-Feb-06	Thorium-232	1.06	-	pCi/g	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP	13-Feb-06	Uranium, Total	2.26	U	mg/kg	482357.464	1349830.021
RLS-C02-5	RLS-C02-5^RMP-D	13-Feb-06	Uranium, Total	5.09	-	mg/kg	482357.464	1349830.021
RLS-C02-6	RLS-C02-6^RMP	9-Feb-06	Aroclor-1254	4.1	U	µg/kg	482355.974	1349898.387
RLS-C02-6	RLS-C02-6^RMP	9-Feb-06	Aroclor-1260	4.1	U	µg/kg	482355.974	1349898.387
RLS-C02-6	RLS-C02-6^RMP	9-Feb-06	Arsenic	8.4	-	mg/kg	482355.974	1349898.387
RLS-C02-6	RLS-C02-6^RMP	9-Feb-06	Beryllium	0.77	J	mg/kg	482355.974	1349898.387
RLS-C02-6	RLS-C02-6^RMP	9-Feb-06	Radium-226	1.23	J	pCi/g	482355.974	1349898.387
RLS-C02-6	RLS-C02-6^RMP	9-Feb-06	Radium-228	1.25	J	pCi/g	482355.974	1349898.387

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C02-6	RLS-C02-6^RMP	9-Feb-06	Thorium-228	1.28	J	pCi/g	482355.974	1349898.387
RLS-C02-6	RLS-C02-6^RMP	9-Feb-06	Thorium-232	1.25	J	pCi/g	482355.974	1349898.387
RLS-C02-6	RLS-C02-6^RMP	9-Feb-06	Uranium, Total	6.57	-	mg/kg	482355.974	1349898.387
RLS-C02-8	RLS-C02-8^RMP	10-Feb-06	Aroclor-1254	4.2	U	µg/kg	482365.064	1350029.617
RLS-C02-8	RLS-C02-8^RMP	10-Feb-06	Aroclor-1260	4.2	U	µg/kg	482365.064	1350029.617
RLS-C02-8	RLS-C02-8^RMP	10-Feb-06	Arsenic	8	J	mg/kg	482365.064	1350029.617
RLS-C02-8	RLS-C02-8^RMP	10-Feb-06	Beryllium	0.92	-	mg/kg	482365.064	1350029.617
RLS-C02-8	RLS-C02-8^RMP	10-Feb-06	Radium-226	1.2	-	pCi/g	482365.064	1350029.617
RLS-C02-8	RLS-C02-8^RMP	10-Feb-06	Radium-228	1.46	-	pCi/g	482365.064	1350029.617
RLS-C02-8	RLS-C02-8^RMP	10-Feb-06	Thorium-228	1.47	-	pCi/g	482365.064	1350029.617
RLS-C02-8	RLS-C02-8^RMP	10-Feb-06	Thorium-232	1.46	-	pCi/g	482365.064	1350029.617
RLS-C02-8	RLS-C02-8^RMP	10-Feb-06	Uranium, Total	5.99	-	mg/kg	482365.064	1350029.617
RLS-C02-9	RLS-C02-9^RMP	10-Feb-06	Aroclor-1254	4	U	µg/kg	482377.359	1350083.125
RLS-C02-9	RLS-C02-9^RMP	10-Feb-06	Aroclor-1260	4	U	µg/kg	482377.359	1350083.125
RLS-C02-9	RLS-C02-9^RMP	10-Feb-06	Arsenic	9.1	J	mg/kg	482377.359	1350083.125
RLS-C02-9	RLS-C02-9^RMP	10-Feb-06	Beryllium	0.79	-	mg/kg	482377.359	1350083.125
RLS-C02-9	RLS-C02-9^RMP	10-Feb-06	Radium-226	1.49	-	pCi/g	482377.359	1350083.125
RLS-C02-9	RLS-C02-9^RMP	10-Feb-06	Radium-228	1.32	-	pCi/g	482377.359	1350083.125
RLS-C02-9	RLS-C02-9^RMP	10-Feb-06	Thorium-228	1.35	-	pCi/g	482377.359	1350083.125
RLS-C02-9	RLS-C02-9^RMP	10-Feb-06	Thorium-232	1.32	-	pCi/g	482377.359	1350083.125
RLS-C02-9	RLS-C02-9^RMP	10-Feb-06	Uranium, Total	5.34	-	mg/kg	482377.359	1350083.125
RLS-C03-1	RLS-C03-1^F-RMP	1-Feb-06	Aroclor-1254	3.9	U	µg/kg	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^N-2-RMP	1-Feb-06	Aroclor-1254	3.9	U	µg/kg	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^F-RMP	1-Feb-06	Aroclor-1260	3.9	U	µg/kg	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^N-2-RMP	1-Feb-06	Aroclor-1260	3.9	U	µg/kg	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^F-RMP	1-Feb-06	Arsenic	11	J	mg/kg	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^N-2-RMP	1-Feb-06	Arsenic	7	J	mg/kg	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^F-RMP	1-Feb-06	Beryllium	0.8	-	mg/kg	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^N-2-RMP	1-Feb-06	Beryllium	0.89	-	mg/kg	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^F-RMP	1-Feb-06	Radium-226	1.01	J	pCi/g	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^N-2-RMP	1-Feb-06	Radium-226	1.11	J	pCi/g	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^F-RMP	1-Feb-06	Radium-228	0.942	J	pCi/g	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^N-2-RMP	1-Feb-06	Radium-228	1	J	pCi/g	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^F-RMP	1-Feb-06	Thorium-228	0.965	J	pCi/g	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^N-2-RMP	1-Feb-06	Thorium-228	1.03	J	pCi/g	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^F-RMP	1-Feb-06	Thorium-232	0.942	J	pCi/g	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^N-2-RMP	1-Feb-06	Thorium-232	1	J	pCi/g	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^F-RMP	1-Feb-06	Uranium, Total	3.39	-	mg/kg	482310.951	1349592.968
RLS-C03-1	RLS-C03-1^N-2-RMP	1-Feb-06	Uranium, Total	5.09	-	mg/kg	482310.951	1349592.968
RLS-C03-10	RLS-C03-10^RMP	1-Feb-06	Aroclor-1254	3.8	U	µg/kg	482303.5	1350176.63
RLS-C03-10	RLS-C03-10^RMP	1-Feb-06	Aroclor-1260	3.8	U	µg/kg	482303.5	1350176.63
RLS-C03-10	RLS-C03-10^RMP	1-Feb-06	Arsenic	4.3	J	mg/kg	482303.5	1350176.63
RLS-C03-10	RLS-C03-10^RMP	1-Feb-06	Beryllium	0.64	-	mg/kg	482303.5	1350176.63
RLS-C03-10	RLS-C03-10^RMP	1-Feb-06	Radium-226	0.736	J	pCi/g	482303.5	1350176.63
RLS-C03-10	RLS-C03-10^RMP	1-Feb-06	Radium-228	0.699	J	pCi/g	482303.5	1350176.63
RLS-C03-10	RLS-C03-10^RMP	1-Feb-06	Thorium-228	0.704	J	pCi/g	482303.5	1350176.63
RLS-C03-10	RLS-C03-10^RMP	1-Feb-06	Thorium-232	0.699	J	pCi/g	482303.5	1350176.63
RLS-C03-10	RLS-C03-10^RMP	1-Feb-06	Uranium, Total	3.91	J	mg/kg	482303.5	1350176.63

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C03-11	RLS-C03-11^RMP	1-Feb-06	Aroclor-1254	3.7	U	µg/kg	482287.756	1350229.522
RLS-C03-11	RLS-C03-11^RMP	1-Feb-06	Aroclor-1260	3.7	U	µg/kg	482287.756	1350229.522
RLS-C03-11	RLS-C03-11^RMP	1-Feb-06	Arsenic	4.8	J	mg/kg	482287.756	1350229.522
RLS-C03-11	RLS-C03-11^RMP	1-Feb-06	Beryllium	0.61	-	mg/kg	482287.756	1350229.522
RLS-C03-11	RLS-C03-11^RMP	1-Feb-06	Radium-226	0.771	J	pCi/g	482287.756	1350229.522
RLS-C03-11	RLS-C03-11^RMP	1-Feb-06	Radium-228	0.715	J	pCi/g	482287.756	1350229.522
RLS-C03-11	RLS-C03-11^RMP	1-Feb-06	Thorium-228	0.759	J	pCi/g	482287.756	1350229.522
RLS-C03-11	RLS-C03-11^RMP	1-Feb-06	Thorium-232	0.715	J	pCi/g	482287.756	1350229.522
RLS-C03-11	RLS-C03-11^RMP	1-Feb-06	Uranium, Total	3.86	J	mg/kg	482287.756	1350229.522
RLS-C03-13	RLS-C03-13^RMP	2-Feb-06	Aroclor-1254	3.8	U	µg/kg	482269.43	1350389.941
RLS-C03-13	RLS-C03-13^RMP	2-Feb-06	Aroclor-1260	3.8	U	µg/kg	482269.43	1350389.941
RLS-C03-13	RLS-C03-13^RMP	2-Feb-06	Arsenic	3.9	J	mg/kg	482269.43	1350389.941
RLS-C03-13	RLS-C03-13^RMP	2-Feb-06	Beryllium	0.6	-	mg/kg	482269.43	1350389.941
RLS-C03-13	RLS-C03-13^RMP	2-Feb-06	Radium-226	0.837	J	pCi/g	482269.43	1350389.941
RLS-C03-13	RLS-C03-13^RMP	2-Feb-06	Radium-228	0.765	J	pCi/g	482269.43	1350389.941
RLS-C03-13	RLS-C03-13^RMP	2-Feb-06	Thorium-228	0.762	J	pCi/g	482269.43	1350389.941
RLS-C03-13	RLS-C03-13^RMP	2-Feb-06	Thorium-232	0.765	J	pCi/g	482269.43	1350389.941
RLS-C03-13	RLS-C03-13^RMP	2-Feb-06	Uranium, Total	3.28	J	mg/kg	482269.43	1350389.941
RLS-C03-14	RLS-C03-14^RMP	1-Feb-06	Aroclor-1254	3.8	U	µg/kg	482281.09	1350434.858
RLS-C03-14	RLS-C03-14^RMP	1-Feb-06	Aroclor-1260	3.8	U	µg/kg	482281.09	1350434.858
RLS-C03-14	RLS-C03-14^RMP	1-Feb-06	Arsenic	7.8	J	mg/kg	482281.09	1350434.858
RLS-C03-14	RLS-C03-14^RMP	1-Feb-06	Beryllium	0.44	-	mg/kg	482281.09	1350434.858
RLS-C03-14	RLS-C03-14^RMP	1-Feb-06	Radium-226	0.693	J	pCi/g	482281.09	1350434.858
RLS-C03-14	RLS-C03-14^RMP	1-Feb-06	Radium-228	0.62	J	pCi/g	482281.09	1350434.858
RLS-C03-14	RLS-C03-14^RMP	1-Feb-06	Thorium-228	0.64	J	pCi/g	482281.09	1350434.858
RLS-C03-14	RLS-C03-14^RMP	1-Feb-06	Thorium-232	0.62	J	pCi/g	482281.09	1350434.858
RLS-C03-14	RLS-C03-14^RMP	1-Feb-06	Uranium, Total	4.65	J	mg/kg	482281.09	1350434.858
RLS-C03-16	RLS-C03-16^RMP	2-Feb-06	Aroclor-1254	3.8	U	µg/kg	482290.688	1350563.483
RLS-C03-16	RLS-C03-16^RMP	2-Feb-06	Aroclor-1260	3.8	U	µg/kg	482290.688	1350563.483
RLS-C03-16	RLS-C03-16^RMP	2-Feb-06	Arsenic	3.4	J	mg/kg	482290.688	1350563.483
RLS-C03-16	RLS-C03-16^RMP	2-Feb-06	Beryllium	0.77	-	mg/kg	482290.688	1350563.483
RLS-C03-16	RLS-C03-16^RMP	2-Feb-06	Radium-226	0.853	J	pCi/g	482290.688	1350563.483
RLS-C03-16	RLS-C03-16^RMP	2-Feb-06	Radium-228	0.722	J	pCi/g	482290.688	1350563.483
RLS-C03-16	RLS-C03-16^RMP	2-Feb-06	Thorium-228	0.721	J	pCi/g	482290.688	1350563.483
RLS-C03-16	RLS-C03-16^RMP	2-Feb-06	Thorium-232	0.722	J	pCi/g	482290.688	1350563.483
RLS-C03-16	RLS-C03-16^RMP	2-Feb-06	Uranium, Total	3.27	U	mg/kg	482290.688	1350563.483
RLS-C03-2	RLS-C03-2^F-RMP	2-Feb-06	Aroclor-1254	3.9	U	µg/kg	482296.793	1349628.404
RLS-C03-2	RLS-C03-2^N-2-RMP	2-Feb-06	Aroclor-1254	4	U	µg/kg	482296.793	1349628.404
RLS-C03-2	RLS-C03-2^F-RMP	2-Feb-06	Aroclor-1260	3.9	U	µg/kg	482296.793	1349628.404
RLS-C03-2	RLS-C03-2^N-2-RMP	2-Feb-06	Aroclor-1260	4	U	µg/kg	482296.793	1349628.404
RLS-C03-2	RLS-C03-2^F-RMP	2-Feb-06	Arsenic	5.3	J	mg/kg	482296.793	1349628.404
RLS-C03-2	RLS-C03-2^N-2-RMP	2-Feb-06	Arsenic	4.8	J	mg/kg	482296.793	1349628.404
RLS-C03-2	RLS-C03-2^F-RMP	2-Feb-06	Beryllium	0.54	-	mg/kg	482296.793	1349628.404
RLS-C03-2	RLS-C03-2^N-2-RMP	2-Feb-06	Beryllium	0.6	-	mg/kg	482296.793	1349628.404
RLS-C03-2	RLS-C03-2^F-RMP	2-Feb-06	Radium-226	0.961	J	pCi/g	482296.793	1349628.404
RLS-C03-2	RLS-C03-2^N-2-RMP	2-Feb-06	Radium-226	0.933	J	pCi/g	482296.793	1349628.404
RLS-C03-2	RLS-C03-2^F-RMP	2-Feb-06	Radium-228	0.971	J	pCi/g	482296.793	1349628.404
RLS-C03-2	RLS-C03-2^N-2-RMP	2-Feb-06	Radium-228	0.974	J	pCi/g	482296.793	1349628.404

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C03-2	RLS-C03-2^F-RMP	2-Feb-06	Thorium-228	0.965	J	pCi/g	482296.793	1349628.404
RLS-C03-2	RLS-C03-2^N-2-RMP	2-Feb-06	Thorium-228	0.966	J	pCi/g	482296.793	1349628.404
RLS-C03-2	RLS-C03-2^F-RMP	2-Feb-06	Thorium-232	0.971	J	pCi/g	482296.793	1349628.404
RLS-C03-2	RLS-C03-2^N-2-RMP	2-Feb-06	Thorium-232	0.974	J	pCi/g	482296.793	1349628.404
RLS-C03-2	RLS-C03-2^F-RMP	2-Feb-06	Uranium, Total	3.99	-	mg/kg	482296.793	1349628.404
RLS-C03-2	RLS-C03-2^N-2-RMP	2-Feb-06	Uranium, Total	8.21	-	mg/kg	482296.793	1349628.404
RLS-C03-3	RLS-C03-3^F-RMP	2-Feb-06	Aroclor-1254	3.9	U	µg/kg	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^N-2-RMP	2-Feb-06	Aroclor-1254	4	U	µg/kg	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^F-RMP	2-Feb-06	Aroclor-1260	3.9	U	µg/kg	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^N-2-RMP	2-Feb-06	Aroclor-1260	4	U	µg/kg	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^F-RMP	2-Feb-06	Arsenic	8.6	J	mg/kg	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^N-2-RMP	2-Feb-06	Arsenic	7.2	J	mg/kg	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^F-RMP	2-Feb-06	Beryllium	0.9	-	mg/kg	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^N-2-RMP	2-Feb-06	Beryllium	0.91	-	mg/kg	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^F-RMP	2-Feb-06	Radium-226	1.09	J	pCi/g	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^N-2-RMP	2-Feb-06	Radium-226	1.11	J	pCi/g	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^F-RMP	2-Feb-06	Radium-228	0.961	J	pCi/g	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^N-2-RMP	2-Feb-06	Radium-228	1.23	J	pCi/g	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^F-RMP	2-Feb-06	Thorium-228	0.97	J	pCi/g	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^N-2-RMP	2-Feb-06	Thorium-228	1.25	J	pCi/g	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^F-RMP	2-Feb-06	Thorium-232	0.961	J	pCi/g	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^N-2-RMP	2-Feb-06	Thorium-232	1.23	J	pCi/g	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^F-RMP	2-Feb-06	Uranium, Total	5.06	J	mg/kg	482333.298	1349731.287
RLS-C03-3	RLS-C03-3^N-2-RMP	2-Feb-06	Uranium, Total	3.37	U	mg/kg	482333.298	1349731.287
RLS-C03-5	RLS-C03-5^RMP	1-Feb-06	Aroclor-1254	3.9	U	µg/kg	482315.963	1349847.516
RLS-C03-5	RLS-C03-5^RMP	1-Feb-06	Aroclor-1260	3.9	U	µg/kg	482315.963	1349847.516
RLS-C03-5	RLS-C03-5^RMP	1-Feb-06	Arsenic	6.1	J	mg/kg	482315.963	1349847.516
RLS-C03-5	RLS-C03-5^RMP	1-Feb-06	Beryllium	0.74	-	mg/kg	482315.963	1349847.516
RLS-C03-5	RLS-C03-5^RMP	1-Feb-06	Radium-226	1.12	J	pCi/g	482315.963	1349847.516
RLS-C03-5	RLS-C03-5^RMP	1-Feb-06	Radium-228	1.27	J	pCi/g	482315.963	1349847.516
RLS-C03-5	RLS-C03-5^RMP	1-Feb-06	Thorium-228	1.3	J	pCi/g	482315.963	1349847.516
RLS-C03-5	RLS-C03-5^RMP	1-Feb-06	Thorium-232	1.27	J	pCi/g	482315.963	1349847.516
RLS-C03-5	RLS-C03-5^RMP	1-Feb-06	Uranium, Total	6.64	-	mg/kg	482315.963	1349847.516
RLS-C03-6	RLS-C03-6^RMP	2-Feb-06	Aroclor-1254	4.2	U	µg/kg	482326.961	1349921.824
RLS-C03-6	RLS-C03-6^RMP-D	2-Feb-06	Aroclor-1254	4.1	U	µg/kg	482326.961	1349921.824
RLS-C03-6	RLS-C03-6^RMP	2-Feb-06	Aroclor-1260	4.2	U	µg/kg	482326.961	1349921.824
RLS-C03-6	RLS-C03-6^RMP-D	2-Feb-06	Aroclor-1260	4.1	U	µg/kg	482326.961	1349921.824
RLS-C03-6	RLS-C03-6^RMP	2-Feb-06	Arsenic	13.1	J	mg/kg	482326.961	1349921.824
RLS-C03-6	RLS-C03-6^RMP-D	2-Feb-06	Arsenic	7.9	J	mg/kg	482326.961	1349921.824
RLS-C03-6	RLS-C03-6^RMP	2-Feb-06	Beryllium	1.1	-	mg/kg	482326.961	1349921.824
RLS-C03-6	RLS-C03-6^RMP-D	2-Feb-06	Beryllium	0.96	-	mg/kg	482326.961	1349921.824
RLS-C03-6	RLS-C03-6^RMP	2-Feb-06	Radium-226	1.66	J	pCi/g	482326.961	1349921.824
RLS-C03-6	RLS-C03-6^RMP-D	2-Feb-06	Radium-226	1.38	J	pCi/g	482326.961	1349921.824
RLS-C03-6	RLS-C03-6^RMP	2-Feb-06	Radium-228	1.29	J	pCi/g	482326.961	1349921.824
RLS-C03-6	RLS-C03-6^RMP-D	2-Feb-06	Radium-228	1.07	J	pCi/g	482326.961	1349921.824
RLS-C03-6	RLS-C03-6^RMP	2-Feb-06	Thorium-228	1.29	J	pCi/g	482326.961	1349921.824
RLS-C03-6	RLS-C03-6^RMP-D	2-Feb-06	Thorium-228	1.01	J	pCi/g	482326.961	1349921.824
RLS-C03-6	RLS-C03-6^RMP	2-Feb-06	Thorium-232	1.29	J	pCi/g	482326.961	1349921.824

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C03-6	RLS-C03-6^RMP-D	2-Feb-06	Thorium-232	1.07	J	pCi/g	482326.961	1349921.824
RLS-C03-6	RLS-C03-6^RMP	2-Feb-06	Uranium, Total	2.7	U	mg/kg	482326.961	1349921.824
RLS-C03-6	RLS-C03-6^RMP-D	2-Feb-06	Uranium, Total	5.19	-	mg/kg	482326.961	1349921.824
RLS-C03-7	RLS-C03-7^RMP	1-Feb-06	Aroclor-1254	4.3	U	µg/kg	482297.59	1349965.943
RLS-C03-7	RLS-C03-7^RMP	1-Feb-06	Aroclor-1260	4.3	U	µg/kg	482297.59	1349965.943
RLS-C03-7	RLS-C03-7^RMP	1-Feb-06	Arsenic	7.2	J	mg/kg	482297.59	1349965.943
RLS-C03-7	RLS-C03-7^RMP	1-Feb-06	Beryllium	1.1	-	mg/kg	482297.59	1349965.943
RLS-C03-7	RLS-C03-7^RMP	1-Feb-06	Radium-226	1.32	J	pCi/g	482297.59	1349965.943
RLS-C03-7	RLS-C03-7^RMP	1-Feb-06	Radium-228	1.1	J	pCi/g	482297.59	1349965.943
RLS-C03-7	RLS-C03-7^RMP	1-Feb-06	Thorium-228	1.09	J	pCi/g	482297.59	1349965.943
RLS-C03-7	RLS-C03-7^RMP	1-Feb-06	Thorium-232	1.1	J	pCi/g	482297.59	1349965.943
RLS-C03-7	RLS-C03-7^RMP	1-Feb-06	Uranium, Total	6.4	-	mg/kg	482297.59	1349965.943
RLS-C03-9	RLS-C03-9^RMP	2-Feb-06	Aroclor-1254	4	U	µg/kg	482320.515	1350107.895
RLS-C03-9	RLS-C03-9^RMP	2-Feb-06	Aroclor-1260	4	U	µg/kg	482320.515	1350107.895
RLS-C03-9	RLS-C03-9^RMP	2-Feb-06	Arsenic	7.3	J	mg/kg	482320.515	1350107.895
RLS-C03-9	RLS-C03-9^RMP	2-Feb-06	Beryllium	1.1	-	mg/kg	482320.515	1350107.895
RLS-C03-9	RLS-C03-9^RMP	2-Feb-06	Radium-226	1.43	J	pCi/g	482320.515	1350107.895
RLS-C03-9	RLS-C03-9^RMP	2-Feb-06	Radium-228	1.24	J	pCi/g	482320.515	1350107.895
RLS-C03-9	RLS-C03-9^RMP	2-Feb-06	Thorium-228	1.23	J	pCi/g	482320.515	1350107.895
RLS-C03-9	RLS-C03-9^RMP	2-Feb-06	Thorium-232	1.24	J	pCi/g	482320.515	1350107.895
RLS-C03-9	RLS-C03-9^RMP	2-Feb-06	Uranium, Total	3.87	J	mg/kg	482320.515	1350107.895
RLS-C04-1	RLS-C04-1^L	15-Feb-06	1,1-Dichloroethene	0.9	U	µg/kg	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Arsenic	9.8	-	mg/kg	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Benzo(a)anthracene	49.5	U	µg/kg	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Benzo(a)pyrene	62.8	J	µg/kg	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Benzo(b)fluoranthene	49.5	U	µg/kg	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Benzo(g,h,i)perylene	169	-	µg/kg	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Benzo(k)fluoranthene	49.5	U	µg/kg	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Beryllium	0.72	-	mg/kg	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^L	15-Feb-06	Bromodichloromethane	0.9	U	µg/kg	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Chrysene	49.5	U	µg/kg	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Dibenzo(a,h)anthracene	49.5	U	µg/kg	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Fluoranthene	49.5	U	µg/kg	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Indeno(1,2,3-cd)pyrene	49.5	U	µg/kg	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Phenanthrene	49.5	U	µg/kg	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Pyrene	49.5	U	µg/kg	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Radium-226	0.81	J	pCi/g	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Radium-228	0.926	J	pCi/g	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Technetium-99	2.08	U	pCi/g	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^L	15-Feb-06	Tetrachloroethene	0.9	U	µg/kg	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Thorium-228	0.937	J	pCi/g	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Thorium-230	1.08	J	pCi/g	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Thorium-232	0.926	J	pCi/g	482449.097	1349306.099
RLS-C04-1	RLS-C04-1^RMS	15-Feb-06	Uranium, Total	9.62	-	mg/kg	482449.097	1349306.099
RLS-C04-11	RLS-C04-11^F-L	21-Feb-06	1,1-Dichloroethene	1	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-L	21-Feb-06	1,1-Dichloroethene	1.1	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Arsenic	6.5	J	mg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Arsenic	6.3	J	mg/kg	482341.949	1349305.994

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Benzo(a)anthracene	38.8	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Benzo(a)anthracene	37.9	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Benzo(a)pyrene	38.8	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Benzo(a)pyrene	37.9	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Benzo(b)fluoranthene	38.8	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Benzo(b)fluoranthene	37.9	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Benzo(g,h,i)perylene	38.8	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Benzo(g,h,i)perylene	37.9	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Benzo(k)fluoranthene	38.8	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Benzo(k)fluoranthene	37.9	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Beryllium	0.71	-	mg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Beryllium	0.68	-	mg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-L	21-Feb-06	Bromodichloromethane	1	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-L	21-Feb-06	Bromodichloromethane	1.1	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Chrysene	38.8	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Chrysene	37.9	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Dibenzo(a,h)anthracene	38.8	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Dibenzo(a,h)anthracene	37.9	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Fluoranthene	38.8	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Fluoranthene	37.9	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Indeno(1,2,3-cd)pyrene	38.8	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Indeno(1,2,3-cd)pyrene	37.9	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Phenanthrene	38.8	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Phenanthrene	37.9	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Pyrene	38.8	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Pyrene	37.9	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Radium-226	0.879	-	pCi/g	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Radium-226	0.821	-	pCi/g	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Radium-228	0.923	-	pCi/g	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Radium-228	0.831	-	pCi/g	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Technetium-99	1.61	U	pCi/g	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Technetium-99	1.65	U	pCi/g	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-L	21-Feb-06	Tetrachloroethene	1	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-L	21-Feb-06	Tetrachloroethene	1.1	U	µg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Thorium-228	0.892	-	pCi/g	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Thorium-228	0.807	-	pCi/g	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Thorium-230	2.07	J	pCi/g	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Thorium-230	1.8	J	pCi/g	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Thorium-232	0.923	-	pCi/g	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Thorium-232	0.831	-	pCi/g	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^F-RMS	21-Feb-06	Uranium, Total	6.85	-	mg/kg	482341.949	1349305.994
RLS-C04-11	RLS-C04-11^N-5-RMS	21-Feb-06	Uranium, Total	4.68	-	mg/kg	482341.949	1349305.994
RLS-C04-12	RLS-C04-12^F-L	9-Feb-06	1,1-Dichloroethene	1.1	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-L	9-Feb-06	1,1-Dichloroethene	0.9	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Arsenic	5.6	-	mg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Arsenic	7	-	mg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Benzo(a)anthracene	37.6	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Benzo(a)anthracene	39	U	µg/kg	482371.818	1349428.307

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Benzo(a)pyrene	37.6	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Benzo(a)pyrene	39	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Benzo(b)fluoranthene	37.6	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Benzo(b)fluoranthene	39	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Benzo(g,h,i)perylene	37.6	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Benzo(g,h,i)perylene	39	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Benzo(k)fluoranthene	37.6	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Benzo(k)fluoranthene	39	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Beryllium	0.54	J	mg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Beryllium	0.65	J	mg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-L	9-Feb-06	Bromodichloromethane	1.1	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-L	9-Feb-06	Bromodichloromethane	0.9	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Chrysene	37.6	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Chrysene	39	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Dibenzo(a,h)anthracene	37.6	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Dibenzo(a,h)anthracene	39	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Fluoranthene	37.6	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Fluoranthene	39	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Indeno(1,2,3-cd)pyrene	37.6	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Indeno(1,2,3-cd)pyrene	39	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Phenanthrene	37.6	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Phenanthrene	39	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Pyrene	37.6	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Pyrene	39	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Radium-226	0.909	J	pCi/g	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Radium-226	1.12	J	pCi/g	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Radium-228	0.923	J	pCi/g	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Radium-228	1.02	J	pCi/g	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Technetium-99	1.43	U	pCi/g	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Technetium-99	1.47	U	pCi/g	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-L	9-Feb-06	Tetrachloroethene	1.1	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-L	9-Feb-06	Tetrachloroethene	0.9	U	µg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Thorium-228	0.955	J	pCi/g	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Thorium-228	1.03	J	pCi/g	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Thorium-230	1.29	-	pCi/g	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Thorium-230	1.17	-	pCi/g	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Thorium-232	0.923	J	pCi/g	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Thorium-232	1.02	J	pCi/g	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^F-RMS	9-Feb-06	Uranium, Total	4.9	-	mg/kg	482371.818	1349428.307
RLS-C04-12	RLS-C04-12^N-3-RMS	9-Feb-06	Uranium, Total	4.7	-	mg/kg	482371.818	1349428.307
RLS-C04-14	RLS-C04-14^F-L	21-Feb-06	1,1-Dichloroethene	1.1	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-L	21-Feb-06	1,1-Dichloroethene	1	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Arsenic	8.2	J	mg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Arsenic	7.2	J	mg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Benzo(a)anthracene	38.5	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Benzo(a)anthracene	38	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Benzo(a)pyrene	38.5	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Benzo(a)pyrene	38	U	µg/kg	482324.038	1349427.287

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Benzo(b)fluoranthene	38.5	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Benzo(b)fluoranthene	38	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Benzo(g,h,i)perylene	38.5	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Benzo(g,h,i)perylene	38	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Benzo(k)fluoranthene	38.5	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Benzo(k)fluoranthene	38	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Beryllium	0.82	-	mg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Beryllium	0.65	-	mg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-L	21-Feb-06	Bromodichloromethane	1.1	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-L	21-Feb-06	Bromodichloromethane	1	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Chrysene	38.5	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Chrysene	38	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Dibenzo(a,h)anthracene	38.5	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Dibenzo(a,h)anthracene	38	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Fluoranthene	38.5	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Fluoranthene	38	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Indeno(1,2,3-cd)pyrene	38.5	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Indeno(1,2,3-cd)pyrene	38	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Phenanthrene	38.5	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Phenanthrene	38	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Pyrene	38.5	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Pyrene	38	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Radium-226	0.912	-	pCi/g	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Radium-226	0.834	-	pCi/g	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Radium-228	0.917	--	pCi/g	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Radium-228	0.799	-	pCi/g	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Technetium-99	1.87	U	pCi/g	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Technetium-99	1.62	U	pCi/g	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-L	21-Feb-06	Tetrachloroethene	1.1	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-L	21-Feb-06	Tetrachloroethene	1	U	µg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Thorium-228	0.918	-	pCi/g	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Thorium-228	0.777	-	pCi/g	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Thorium-230	0.977	J	pCi/g	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Thorium-230	1.93	J	pCi/g	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Thorium-232	0.917	-	pCi/g	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Thorium-232	0.799	-	pCi/g	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^F-RMS	21-Feb-06	Uranium, Total	5.13	-	mg/kg	482324.038	1349427.287
RLS-C04-14	RLS-C04-14^N-5-RMS	21-Feb-06	Uranium, Total	2.91	U	mg/kg	482324.038	1349427.287
RLS-C04-15	RLS-C04-15^F-L	2-Feb-06	1,1-Dichloroethene	0.9	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-L	2-Feb-06	1,1-Dichloroethene	1	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Arsenic	6.4	-	mg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Arsenic	5.4	-	mg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Benzo(a)anthracene	38.7	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Benzo(a)anthracene	39.1	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Benzo(a)pyrene	38.7	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Benzo(a)pyrene	39.1	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Benzo(b)fluoranthene	38.7	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Benzo(b)fluoranthene	39.1	U	µg/kg	482342.955	1349469.2

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Benzo(g,h,i)perylene	38.7	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Benzo(g,h,i)perylene	39.1	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Benzo(k)fluoranthene	38.7	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Benzo(k)fluoranthene	39.1	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Beryllium	0.83	-	mg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Beryllium	0.6	-	mg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-L	2-Feb-06	Bromodichloromethane	0.9	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-L	2-Feb-06	Bromodichloromethane	1	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Chrysene	38.7	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Chrysene	39.1	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Dibenzo(a,h)anthracene	38.7	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Dibenzo(a,h)anthracene	39.1	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Fluoranthene	38.7	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Fluoranthene	39.1	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Indeno(1,2,3-cd)pyrene	38.7	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Indeno(1,2,3-cd)pyrene	39.1	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Phenanthrene	38.7	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Phenanthrene	39.1	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Pyrene	38.7	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Pyrene	39.1	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Radium-226	1.13	-	pCi/g	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Radium-226	0.895	-	pCi/g	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Radium-228	0.977	J	pCi/g	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Radium-228	0.89	J	pCi/g	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Technetium-99	1.63	U	pCi/g	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Technetium-99	1.67	U	pCi/g	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-L	2-Feb-06	Tetrachloroethene	0.9	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-L	2-Feb-06	Tetrachloroethene	1	U	µg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Thorium-228	0.979	J	pCi/g	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Thorium-228	0.889	J	pCi/g	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Thorium-230	1.31	-	pCi/g	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Thorium-230	1.03	-	pCi/g	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Thorium-232	0.977	J	pCi/g	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Thorium-232	0.89	J	pCi/g	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^F-RMS	2-Feb-06	Uranium, Total	7.12	-	mg/kg	482342.955	1349469.2
RLS-C04-15	RLS-C04-15^N-5-RMS	3-Feb-06	Uranium, Total	3.43	-	mg/kg	482342.955	1349469.2
RLS-C04-16	RLS-C04-16^F-L	2-Feb-06	1,1-Dichloroethene	0.9	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-L	2-Feb-06	1,1-Dichloroethene	1	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Arsenic	7.2	-	mg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Arsenic	5	-	mg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Benzo(a)anthracene	40.6	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Benzo(a)anthracene	38	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Benzo(a)pyrene	40.6	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Benzo(a)pyrene	38	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Benzo(b)fluoranthene	40.6	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Benzo(b)fluoranthene	38	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Benzo(g,h,i)perylene	40.6	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Benzo(g,h,i)perylene	38	U	µg/kg	482327.05	1349504.12

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Benzo(k)fluoranthene	40.6	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Benzo(k)fluoranthene	38	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Beryllium	0.7	-	mg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Beryllium	0.66	-	mg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-L	2-Feb-06	Bromodichloromethane	0.9	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-L	2-Feb-06	Bromodichloromethane	1	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Chrysene	40.6	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Chrysene	38	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Dibenzo(a,h)anthracene	40.6	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Dibenzo(a,h)anthracene	38	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Fluoranthene	40.6	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Fluoranthene	38	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Indeno(1,2,3-cd)pyrene	40.6	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Indeno(1,2,3-cd)pyrene	38	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Phenanthrene	40.6	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Phenanthrene	38	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Pyrene	40.6	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Pyrene	38	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Radium-226	1.15	-	pCi/g	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Radium-226	0.903	-	pCi/g	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Radium-228	1.13	J	pCi/g	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Radium-228	0.903	J	pCi/g	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Technetium-99	1.54	U	pCi/g	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Technetium-99	1.55	U	pCi/g	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-L	2-Feb-06	Tetrachloroethene	0.9	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-L	2-Feb-06	Tetrachloroethene	1	U	µg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Thorium-228	1.14	J	pCi/g	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Thorium-228	0.91	J	pCi/g	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Thorium-230	1.52	-	pCi/g	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Thorium-230	0.876	-	pCi/g	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Thorium-232	1.13	J	pCi/g	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Thorium-232	0.903	J	pCi/g	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^F-RMS	2-Feb-06	Uranium, Total	5.54	-	mg/kg	482327.05	1349504.12
RLS-C04-16	RLS-C04-16^N-3-RMS	2-Feb-06	Uranium, Total	2.45	U	mg/kg	482327.05	1349504.12
RLS-C04-3	RLS-C04-3^F-L	20-Feb-06	1,1-Dichloroethene	1	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-L	20-Feb-06	1,1-Dichloroethene	0.9	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Arsenic	5.7	-	mg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Arsenic	5.5	-	mg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Benzo(a)anthracene	37.5	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Benzo(a)anthracene	38.6	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Benzo(a)pyrene	37.5	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Benzo(a)pyrene	38.6	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Benzo(b)fluoranthene	37.5	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Benzo(b)fluoranthene	38.6	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Benzo(g,h,i)perylene	37.5	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Benzo(g,h,i)perylene	38.6	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Benzo(k)fluoranthene	37.5	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Benzo(k)fluoranthene	38.6	U	µg/kg	482407.42	1349266.876

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Beryllium	0.61	J	mg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Beryllium	0.58	J	mg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-L	20-Feb-06	Bromodichloromethane	1	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-L	20-Feb-06	Bromodichloromethane	0.9	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Chrysene	37.5	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Chrysene	38.6	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Dibenzo(a,h)anthracene	37.5	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Dibenzo(a,h)anthracene	38.6	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Fluoranthene	37.5	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Fluoranthene	38.6	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Indeno(1,2,3-cd)pyrene	37.5	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Indeno(1,2,3-cd)pyrene	38.6	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Phenanthrene	37.5	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Phenanthrene	38.6	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Pyrene	37.5	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Pyrene	38.6	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Radium-226	0.865	-	pCi/g	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Radium-226	0.96	-	pCi/g	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Radium-228	0.855	-	pCi/g	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Radium-228	1.06	-	pCi/g	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Technetium-99	1.96	U	pCi/g	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Technetium-99	2.19	U	pCi/g	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-L	20-Feb-06	Tetrachloroethene	1	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-L	20-Feb-06	Tetrachloroethene	0.9	U	µg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Thorium-228	0.86	-	pCi/g	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Thorium-228	1.05	-	pCi/g	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Thorium-230	1.55	J	pCi/g	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Thorium-230	1.16	J	pCi/g	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Thorium-232	0.855	-	pCi/g	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Thorium-232	1.06	-	pCi/g	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^F-RMS	20-Feb-06	Uranium, Total	4.88	J	mg/kg	482407.42	1349266.876
RLS-C04-3	RLS-C04-3^N-6-RMS	20-Feb-06	Uranium, Total	5.51	J	mg/kg	482407.42	1349266.876
RLS-C04-4	RLS-C04-4^F-L	20-Feb-06	1,1-Dichloroethene	1	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-L	20-Feb-06	1,1-Dichloroethene	0.9	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Arsenic	7.6	-	mg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Arsenic	6.3	-	mg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Benzo(a)anthracene	38.7	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Benzo(a)anthracene	37.6	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Benzo(a)pyrene	38.7	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Benzo(a)pyrene	37.6	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Benzo(b)fluoranthene	38.7	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Benzo(b)fluoranthene	37.6	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Benzo(g,h,i)perylene	38.7	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Benzo(g,h,i)perylene	37.6	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Benzo(k)fluoranthene	38.7	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Benzo(k)fluoranthene	37.6	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Beryllium	0.66	J	mg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Beryllium	0.65	J	mg/kg	482410.404	1349338.237

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C04-4	RLS-C04-4^F-L	20-Feb-06	Bromodichloromethane	1	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-L	20-Feb-06	Bromodichloromethane	0.9	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Chrysene	38.7	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Chrysene	37.6	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Dibenzo(a,h)anthracene	38.7	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Dibenzo(a,h)anthracene	37.6	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Fluoranthene	38.7	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Fluoranthene	37.6	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Indeno(1,2,3-cd)pyrene	38.7	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Indeno(1,2,3-cd)pyrene	37.6	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Phenanthrene	38.7	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Phenanthrene	37.6	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Pyrene	38.7	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Pyrene	37.6	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Radium-226	0.946	-	pCi/g	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Radium-226	0.946	-	pCi/g	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Radium-228	1.03	-	pCi/g	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Radium-228	0.873	-	pCi/g	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Technetium-99	1.98	U	pCi/g	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Technetium-99	2.02	U	pCi/g	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-L	20-Feb-06	Tetrachloroethene	1	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-L	20-Feb-06	Tetrachloroethene	0.9	U	µg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Thorium-228	1.01	-	pCi/g	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Thorium-228	0.858	-	pCi/g	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Thorium-230	1.82	-	pCi/g	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Thorium-230	1.31	J	pCi/g	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Thorium-232	1.03	-	pCi/g	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Thorium-232	0.873	-	pCi/g	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^F-RMS	20-Feb-06	Uranium, Total	4.12	J	mg/kg	482410.404	1349338.237
RLS-C04-4	RLS-C04-4^N-6-RMS	20-Feb-06	Uranium, Total	5.33	J	mg/kg	482410.404	1349338.237
RLS-C04-5	RLS-C04-5^L	15-Feb-06	1,1-Dichloroethene	1.1	U	µg/kg	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Arsenic	5.1	-	mg/kg	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Benzo(a)anthracene	43.2	U	µg/kg	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Benzo(a)pyrene	43.2	U	µg/kg	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Benzo(b)fluoranthene	43.2	U	µg/kg	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Benzo(g,h,i)perylene	43.2	U	µg/kg	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Benzo(k)fluoranthene	43.2	U	µg/kg	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Beryllium	0.34	-	mg/kg	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^L	15-Feb-06	Bromodichloromethane	1.1	U	µg/kg	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Chrysene	43.2	U	µg/kg	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Dibenzo(a,h)anthracene	43.2	U	µg/kg	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Fluoranthene	43.2	U	µg/kg	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Indeno(1,2,3-cd)pyrene	43.2	U	µg/kg	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Phenanthrene	43.2	U	µg/kg	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Pyrene	43.2	U	µg/kg	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Radium-226	0.827	J	pCi/g	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Radium-228	1.06	J	pCi/g	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Technetium-99	1.97	U	pCi/g	482443.43	1349423.211

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C04-5	RLS-C04-5^L	15-Feb-06	Tetrachloroethene	1.1	U	µg/kg	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Thorium-228	1.06	J	pCi/g	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Thorium-230	0.824	J	pCi/g	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Thorium-232	1.06	J	pCi/g	482443.43	1349423.211
RLS-C04-5	RLS-C04-5^RMS	15-Feb-06	Uranium, Total	5.37	-	mg/kg	482443.43	1349423.211
RLS-C04-7	RLS-C04-7^F-L	20-Feb-06	1,1-Dichloroethene	0.9	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-L	20-Feb-06	1,1-Dichloroethene	1	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Arsenic	5.5	-	mg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Arsenic	10.5	-	mg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Benzo(a)anthracene	38.5	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Benzo(a)anthracene	39.7	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Benzo(a)pyrene	38.5	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Benzo(a)pyrene	39.7	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Benzo(b)fluoranthene	38.5	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Benzo(b)fluoranthene	39.7	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Benzo(g,h,i)perylene	38.5	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Benzo(g,h,i)perylene	39.7	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Benzo(k)fluoranthene	38.5	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Benzo(k)fluoranthene	39.7	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Beryllium	0.52	J	mg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Beryllium	0.76	J	mg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-L	20-Feb-06	Bromodichloromethane	0.9	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-L	20-Feb-06	Bromodichloromethane	1	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Chrysene	38.5	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Chrysene	39.7	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Dibenzo(a,h)anthracene	38.5	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Dibenzo(a,h)anthracene	39.7	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Fluoranthene	38.5	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Fluoranthene	39.7	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Indeno(1,2,3-cd)pyrene	38.5	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Indeno(1,2,3-cd)pyrene	39.7	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Phenanthrene	38.5	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Phenanthrene	39.7	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Pyrene	38.5	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Pyrene	39.7	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Radium-226	0.979	-	pCi/g	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Radium-226	1.34	-	pCi/g	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Radium-228	0.978	-	pCi/g	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Radium-228	1.12	-	pCi/g	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Technetium-99	2.07	U	pCi/g	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Technetium-99	1.95	U	pCi/g	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-L	20-Feb-06	Tetrachloroethene	0.9	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-L	20-Feb-06	Tetrachloroethene	1	U	µg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Thorium-228	0.971	-	pCi/g	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Thorium-228	1.1	-	pCi/g	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Thorium-230	0.914	J	pCi/g	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Thorium-230	1.13	J	pCi/g	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Thorium-232	0.978	-	pCi/g	482418.751	1349430.209

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Thorium-232	1.12	-	pCi/g	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^F-RMS	20-Feb-06	Uranium, Total	4.58	J	mg/kg	482418.751	1349430.209
RLS-C04-7	RLS-C04-7^N-3-RMS	20-Feb-06	Uranium, Total	4.94	J	mg/kg	482418.751	1349430.209
RLS-C04-8	RLS-C04-8^F-L	10-Feb-06	1,1-Dichloroethene	1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-L	10-Feb-06	1,1-Dichloroethene	1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Arsenic	7.3	J	mg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Arsenic	13	J	mg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Benzo(a)anthracene	37.9	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Benzo(a)anthracene	39.1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Benzo(a)pyrene	37.9	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Benzo(a)pyrene	39.1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Benzo(b)fluoranthene	37.9	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Benzo(b)fluoranthene	39.1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Benzo(g,h,i)perylene	37.9	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Benzo(g,h,i)perylene	39.1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Benzo(k)fluoranthene	37.9	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Benzo(k)fluoranthene	39.1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Beryllium	0.67	-	mg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Beryllium	0.73	-	mg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-L	10-Feb-06	Bromodichloromethane	1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-L	10-Feb-06	Bromodichloromethane	1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Chrysene	37.9	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Chrysene	39.1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Dibenzo(a,h)anthracene	37.9	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Dibenzo(a,h)anthracene	39.1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Fluoranthene	37.9	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Fluoranthene	39.1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Indeno(1,2,3-cd)pyrene	37.9	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Indeno(1,2,3-cd)pyrene	39.1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Phenanthrene	37.9	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Phenanthrene	39.1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Pyrene	37.9	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Pyrene	39.1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Radium-226	0.965	-	pCi/g	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Radium-226	1	-	pCi/g	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Radium-228	1.06	J	pCi/g	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Radium-228	1.1	J	pCi/g	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Technetium-99	1.54	U	pCi/g	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Technetium-99	1.88	U	pCi/g	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-L	10-Feb-06	Tetrachloroethene	1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-L	10-Feb-06	Tetrachloroethene	1	U	µg/kg	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Thorium-228	1.07	J	pCi/g	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Thorium-228	1.13	J	pCi/g	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Thorium-230	1.42	-	pCi/g	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Thorium-230	1.48	-	pCi/g	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Thorium-232	1.06	J	pCi/g	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Thorium-232	1.1	J	pCi/g	482397.509	1349504.025
RLS-C04-8	RLS-C04-8^F-RMS	10-Feb-06	Uranium, Total	3.56	J	mg/kg	482397.509	1349504.025

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C04-8	RLS-C04-8^N-4-RMS	10-Feb-06	Uranium, Total	4.1	-	mg/kg	482397.509	1349504.025
RLS-C04-9	RLS-C04-9^F-L	9-Feb-06	1,1-Dichloroethene	0.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-L-D	9-Feb-06	1,1-Dichloroethene	1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-L	9-Feb-06	1,1-Dichloroethene	0.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-L-D	9-Feb-06	1,1-Dichloroethene	1.1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Arsenic	6.3	-	mg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Arsenic	6.4	-	mg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Arsenic	7.7	-	mg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Arsenic	8.6	-	mg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Benzo(a)anthracene	37.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Benzo(a)anthracene	39.1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Benzo(a)anthracene	39	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Benzo(a)anthracene	38.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Benzo(a)pyrene	37.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Benzo(a)pyrene	39.1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Benzo(a)pyrene	39	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Benzo(a)pyrene	38.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Benzo(b)fluoranthene	37.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Benzo(b)fluoranthene	39.1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Benzo(b)fluoranthene	39	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Benzo(b)fluoranthene	38.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Benzo(g,h,i)perylene	37.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Benzo(g,h,i)perylene	39.1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Benzo(g,h,i)perylene	39	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Benzo(g,h,i)perylene	38.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Benzo(k)fluoranthene	37.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Benzo(k)fluoranthene	39.1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Benzo(k)fluoranthene	39	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Benzo(k)fluoranthene	38.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Beryllium	0.5	J	mg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Beryllium	0.52	J	mg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Beryllium	1.1	J	mg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Beryllium	0.71	J	mg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-L	9-Feb-06	Bromodichloromethane	0.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-L-D	9-Feb-06	Bromodichloromethane	1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-L	9-Feb-06	Bromodichloromethane	0.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-L-D	9-Feb-06	Bromodichloromethane	1.1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Chrysene	37.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Chrysene	39.1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Chrysene	39	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Chrysene	38.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Dibenzo(a,h)anthracene	37.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Dibenzo(a,h)anthracene	39.1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Dibenzo(a,h)anthracene	39	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Dibenzo(a,h)anthracene	38.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Fluoranthene	37.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Fluoranthene	39.1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Fluoranthene	39	U	µg/kg	482376.605	1349288.772

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Fluoranthene	38.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Indeno(1,2,3-cd)pyrene	37.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Indeno(1,2,3-cd)pyrene	39.1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Indeno(1,2,3-cd)pyrene	39	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Indeno(1,2,3-cd)pyrene	38.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Phenanthrene	37.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Phenanthrene	39.1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Phenanthrene	39	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Phenanthrene	38.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Pyrene	37.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Pyrene	39.1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Pyrene	39	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Pyrene	38.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Radium-226	0.995	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Radium-226	1.23	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Radium-226	1.29	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Radium-226	0.976	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Radium-228	0.866	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Radium-228	1.05	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Radium-228	1.13	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Radium-228	1.05	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Technetium-99	1.55	U	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Technetium-99	1.61	U	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Technetium-99	1.56	U	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Technetium-99	1.51	U	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-L	9-Feb-06	Tetrachloroethene	0.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-L-D	9-Feb-06	Tetrachloroethene	1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-L	9-Feb-06	Tetrachloroethene	0.9	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-L-D	9-Feb-06	Tetrachloroethene	1.1	U	µg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Thorium-228	0.9	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Thorium-228	1.07	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Thorium-228	1.18	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Thorium-228	1.08	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Thorium-230	1.09	-	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Thorium-230	1.01	-	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Thorium-230	2.1	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Thorium-230	1.01	-	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Thorium-232	0.866	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Thorium-232	1.05	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Thorium-232	1.13	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Thorium-232	1.05	J	pCi/g	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS	9-Feb-06	Uranium, Total	4.83	-	mg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^F-RMS-D	9-Feb-06	Uranium, Total	4.03	-	mg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS	9-Feb-06	Uranium, Total	7.49	-	mg/kg	482376.605	1349288.772
RLS-C04-9	RLS-C04-9^N-6-RMS-D	9-Feb-06	Uranium, Total	5.8	-	mg/kg	482376.605	1349288.772
RLS-C05-1	RLS-C05-1^L	15-Feb-06	1,1-Dichloroethene	1	U	µg/kg	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Arsenic	6.1	-	mg/kg	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Benzo(a)anthracene	38.1	U	µg/kg	482519.505	1349177.538

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Benzo(a)pyrene	38.1	U	µg/kg	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Benzo(b)fluoranthene	38.1	U	µg/kg	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Benzo(g,h,i)perylene	38.1	U	µg/kg	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Benzo(k)fluoranthene	38.1	U	µg/kg	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Beryllium	0.46	-	mg/kg	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^L	15-Feb-06	Bromodichloromethane	1	U	µg/kg	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Chrysene	38.1	U	µg/kg	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Dibenzo(a,h)anthracene	38.1	U	µg/kg	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Fluoranthene	38.1	U	µg/kg	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Indeno(1,2,3-cd)pyrene	38.1	U	µg/kg	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Phenanthrene	38.1	U	µg/kg	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Pyrene	38.1	U	µg/kg	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Radium-226	0.89	J	pCi/g	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Radium-228	0.79	J	pCi/g	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Technetium-99	1.59	U	pCi/g	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^L	15-Feb-06	Tetrachloroethene	1	U	µg/kg	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Thorium-228	0.823	J	pCi/g	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Thorium-230	0.382	U	pCi/g	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Thorium-232	0.79	J	pCi/g	482519.505	1349177.538
RLS-C05-1	RLS-C05-1^RMS	15-Feb-06	Uranium, Total	4.31	-	mg/kg	482519.505	1349177.538
RLS-C05-10	RLS-C05-10^L	15-Feb-06	1,1-Dichloroethene	0.8	U	µg/kg	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Arsenic	6.8	-	mg/kg	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Benzo(a)anthracene	38.5	U	µg/kg	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Benzo(a)pyrene	38.5	U	µg/kg	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Benzo(b)fluoranthene	38.5	U	µg/kg	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Benzo(g,h,i)perylene	38.5	U	µg/kg	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Benzo(k)fluoranthene	38.5	U	µg/kg	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Beryllium	0.67	-	mg/kg	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^L	15-Feb-06	Bromodichloromethane	0.8	U	µg/kg	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Chrysene	38.5	U	µg/kg	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Dibenzo(a,h)anthracene	38.5	U	µg/kg	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Fluoranthene	38.5	U	µg/kg	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Indeno(1,2,3-cd)pyrene	38.5	U	µg/kg	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Phenanthrene	38.5	U	µg/kg	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Pyrene	38.5	U	µg/kg	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Radium-226	1.1	J	pCi/g	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Radium-228	1.19	J	pCi/g	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Technetium-99	1.7	U	pCi/g	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^L	15-Feb-06	Tetrachloroethene	0.8	U	µg/kg	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Thorium-228	1.22	J	pCi/g	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Thorium-230	1.23	J	pCi/g	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Thorium-232	1.19	J	pCi/g	482419.564	1349127.552
RLS-C05-10	RLS-C05-10^RMS	15-Feb-06	Uranium, Total	6.02	-	mg/kg	482419.564	1349127.552
RLS-C05-11	RLS-C05-11^F-L	20-Feb-06	1,1-Dichloroethene	0.9	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-L	20-Feb-06	1,1-Dichloroethene	0.9	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Arsenic	8.7	-	mg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Arsenic	6.4	-	mg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Benzo(a)anthracene	38	U	µg/kg	482384.943	1349053.513

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Benzo(a)anthracene	39.3	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Benzo(a)pyrene	38	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Benzo(a)pyrene	39.3	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Benzo(b)fluoranthene	38	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Benzo(b)fluoranthene	39.3	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Benzo(g,h,i)perylene	38	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Benzo(g,h,i)perylene	39.3	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Benzo(k)fluoranthene	38	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Benzo(k)fluoranthene	39.3	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Beryllium	0.81	J	mg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Beryllium	0.69	J	mg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-L	20-Feb-06	Bromodichloromethane	0.9	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-L	20-Feb-06	Bromodichloromethane	0.9	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Chrysene	38	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Chrysene	39.3	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Dibenzo(a,h)anthracene	38	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Dibenzo(a,h)anthracene	39.3	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Fluoranthene	38	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Fluoranthene	39.3	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Indeno(1,2,3-cd)pyrene	38	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Indeno(1,2,3-cd)pyrene	39.3	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Phenanthrene	38	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Phenanthrene	39.3	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Pyrene	38	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Pyrene	39.3	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Radium-226	0.936	-	pCi/g	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Radium-226	0.991	-	pCi/g	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Radium-228	0.915	-	pCi/g	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Radium-228	0.988	-	pCi/g	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Technetium-99	2.08	U	pCi/g	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Technetium-99	1.93	U	pCi/g	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-L	20-Feb-06	Tetrachloroethene	0.9	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-L	20-Feb-06	Tetrachloroethene	0.9	U	µg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Thorium-228	0.895	-	pCi/g	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Thorium-228	0.992	-	pCi/g	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Thorium-230	1.02	J	pCi/g	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Thorium-230	1.4	J	pCi/g	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Thorium-232	0.915	-	pCi/g	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Thorium-232	0.988	-	pCi/g	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^F-RMS	20-Feb-06	Uranium, Total	2.91	J	mg/kg	482384.943	1349053.513
RLS-C05-11	RLS-C05-11^N-7-RMS	20-Feb-06	Uranium, Total	3.78	J	mg/kg	482384.943	1349053.513
RLS-C05-13	RLS-C05-13^L	15-Feb-06	1,1-Dichloroethene	1	U	µg/kg	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Arsenic	7.6	-	mg/kg	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Benzo(a)anthracene	44.7	U	µg/kg	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Benzo(a)pyrene	54.2	J	µg/kg	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Benzo(b)fluoranthene	44.7	U	µg/kg	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Benzo(g,h,i)perylene	44.7	U	µg/kg	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Benzo(k)fluoranthene	44.7	U	µg/kg	482434.841	1349183.882

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Beryllium	0.63	-	mg/kg	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^L	15-Feb-06	Bromodichloromethane	1	U	µg/kg	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Chrysene	44.7	U	µg/kg	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Dibenzo(a,h)anthracene	44.7	U	µg/kg	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Fluoranthene	56.4	J	µg/kg	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Indeno(1,2,3-cd)pyrene	44.7	U	µg/kg	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Phenanthrene	44.7	U	µg/kg	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Pyrene	44.7	U	µg/kg	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Radium-226	0.859	J	pCi/g	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Radium-228	0.812	J	pCi/g	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Technetium-99	1.74	U	pCi/g	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^L	15-Feb-06	Tetrachloroethene	1	U	µg/kg	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Thorium-228	0.806	J	pCi/g	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Thorium-230	0.991	J	pCi/g	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Thorium-232	0.812	J	pCi/g	482434.841	1349183.882
RLS-C05-13	RLS-C05-13^RMS	15-Feb-06	Uranium, Total	4.27	-	mg/kg	482434.841	1349183.882
RLS-C05-14	RLS-C05-14^L	15-Feb-06	1,1-Dichloroethene	1.3	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^L-D	15-Feb-06	1,1-Dichloroethene	1.2	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Arsenic	8	-	mg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Arsenic	7.9	-	mg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Benzo(a)anthracene	45.8	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Benzo(a)anthracene	44.5	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Benzo(a)pyrene	45.8	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Benzo(a)pyrene	44.5	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Benzo(b)fluoranthene	45.8	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Benzo(b)fluoranthene	44.5	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Benzo(g,h,i)perylene	45.8	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Benzo(g,h,i)perylene	44.5	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Benzo(k)fluoranthene	45.8	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Benzo(k)fluoranthene	44.5	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Beryllium	0.68	-	mg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Beryllium	0.77	-	mg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^L	15-Feb-06	Bromodichloromethane	1.3	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^L-D	15-Feb-06	Bromodichloromethane	1.2	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Chrysene	45.8	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Chrysene	44.5	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Dibenzo(a,h)anthracene	45.8	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Dibenzo(a,h)anthracene	44.5	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Fluoranthene	45.8	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Fluoranthene	44.5	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Indeno(1,2,3-cd)pyrene	45.8	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Indeno(1,2,3-cd)pyrene	44.5	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Phenanthrene	45.8	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Phenanthrene	44.5	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Pyrene	45.8	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Pyrene	44.5	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Radium-226	0.948	J	pCi/g	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Radium-226	0.758	J	pCi/g	482433.562	1349235.122

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Radium-228	0.868	J	pCi/g	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Radium-228	1.06	J	pCi/g	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Technetium-99	1.92	U	pCi/g	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Technetium-99	1.91	U	pCi/g	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^L	15-Feb-06	Tetrachloroethene	1.3	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^L-D	15-Feb-06	Tetrachloroethene	1.2	U	µg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Thorium-228	0.85	J	pCi/g	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Thorium-228	1.07	J	pCi/g	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Thorium-230	1.28	J	pCi/g	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Thorium-230	0.623	J	pCi/g	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Thorium-232	0.868	J	pCi/g	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Thorium-232	1.06	J	pCi/g	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS	15-Feb-06	Uranium, Total	4.63	-	mg/kg	482433.562	1349235.122
RLS-C05-14	RLS-C05-14^RMS-D	15-Feb-06	Uranium, Total	4.93	-	mg/kg	482433.562	1349235.122
RLS-C05-15	RLS-C05-15^F-L	9-Feb-06	1,1-Dichloroethene	1.1	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-L	9-Feb-06	1,1-Dichloroethene	0.9	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Arsenic	11.6	-	mg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Arsenic	9	-	mg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Benzo(a)anthracene	39.6	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Benzo(a)anthracene	40	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Benzo(a)pyrene	39.6	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Benzo(a)pyrene	40	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Benzo(b)fluoranthene	39.6	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Benzo(b)fluoranthene	40	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Benzo(g,h,i)perylene	39.6	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Benzo(g,h,i)perylene	40	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Benzo(k)fluoranthene	39.6	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Benzo(k)fluoranthene	40	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Beryllium	0.68	J	mg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Beryllium	0.91	J	mg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-L	9-Feb-06	Bromodichloromethane	1.1	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-L	9-Feb-06	Bromodichloromethane	0.9	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Chrysene	39.6	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Chrysene	40	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Dibenzo(a,h)anthracene	39.6	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Dibenzo(a,h)anthracene	40	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Fluoranthene	39.6	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Fluoranthene	40	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Indeno(1,2,3-cd)pyrene	39.6	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Indeno(1,2,3-cd)pyrene	40	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Phenanthrene	39.6	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Phenanthrene	40	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Pyrene	39.6	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Pyrene	40	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Radium-226	1.27	J	pCi/g	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Radium-226	1.47	J	pCi/g	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Radium-228	1.1	J	pCi/g	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Radium-228	1.32	J	pCi/g	482379.37	1349196.058

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Technetium-99	1.47	U	pCi/g	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Technetium-99	1.52	U	pCi/g	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-L	9-Feb-06	Tetrachloroethene	1.1	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-L	9-Feb-06	Tetrachloroethene	0.9	U	µg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Thorium-228	1.11	J	pCi/g	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Thorium-228	1.32	J	pCi/g	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Thorium-230	1.03	-	pCi/g	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Thorium-230	1.68	-	pCi/g	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Thorium-232	1.1	J	pCi/g	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Thorium-232	1.32	J	pCi/g	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^F-RMS	9-Feb-06	Uranium, Total	6.36	-	mg/kg	482379.37	1349196.058
RLS-C05-15	RLS-C05-15^N-7-RMS	9-Feb-06	Uranium, Total	5.83	-	mg/kg	482379.37	1349196.058
RLS-C05-2	RLS-C05-2^L	15-Feb-06	1,1-Dichloroethene	0.9	U	µg/kg	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Arsenic	6.2	-	mg/kg	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Benzo(a)anthracene	38.1	U	µg/kg	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Benzo(a)pyrene	38.1	U	µg/kg	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Benzo(b)fluoranthene	38.1	U	µg/kg	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Benzo(g,h,i)perylene	38.1	U	µg/kg	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Benzo(k)fluoranthene	38.1	U	µg/kg	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Beryllium	0.54	-	mg/kg	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^L	15-Feb-06	Bromodichloromethane	0.9	U	µg/kg	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Chrysene	38.1	U	µg/kg	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Dibenzo(a,h)anthracene	38.1	U	µg/kg	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Fluoranthene	38.1	U	µg/kg	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Indeno(1,2,3-cd)pyrene	38.1	U	µg/kg	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Phenanthrene	38.1	U	µg/kg	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Pyrene	38.1	U	µg/kg	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Radium-226	0.769	J	pCi/g	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Radium-228	0.822	J	pCi/g	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Technetium-99	1.86	U	pCi/g	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^L	15-Feb-06	Tetrachloroethene	0.9	U	µg/kg	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Thorium-228	0.835	J	pCi/g	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Thorium-230	0.701	J	pCi/g	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Thorium-232	0.822	J	pCi/g	482479.744	1349077.626
RLS-C05-2	RLS-C05-2^RMS	15-Feb-06	Uranium, Total	5.09	-	mg/kg	482479.744	1349077.626
RLS-C05-4	RLS-C05-4^L	15-Feb-06	1,1-Dichloroethene	0.8	U	µg/kg	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Arsenic	5.6	-	mg/kg	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Benzo(a)anthracene	38.2	U	µg/kg	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Benzo(a)pyrene	52.8	J	µg/kg	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Benzo(b)fluoranthene	38.2	U	µg/kg	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Benzo(g,h,i)perylene	131	-	µg/kg	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Benzo(k)fluoranthene	38.2	U	µg/kg	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Beryllium	0.38	-	mg/kg	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^L	15-Feb-06	Bromodichloromethane	0.8	U	µg/kg	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Chrysene	38.2	U	µg/kg	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Dibenzo(a,h)anthracene	38.2	U	µg/kg	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Fluoranthene	44.5	J	µg/kg	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Indeno(1,2,3-cd)pyrene	154	-	µg/kg	482477.52	1349194.448

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Phenanthrene	38.2	U	µg/kg	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Pyrene	38.2	U	µg/kg	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Radium-226	0.707	J	pCi/g	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Radium-228	0.648	J	pCi/g	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Technetium-99	1.8	U	pCi/g	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^L	15-Feb-06	Tetrachloroethene	0.8	U	µg/kg	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Thorium-228	0.663	J	pCi/g	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Thorium-230	0.586	U	pCi/g	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Thorium-232	0.648	J	pCi/g	482477.52	1349194.448
RLS-C05-4	RLS-C05-4^RMS	15-Feb-06	Uranium, Total	4.93	-	mg/kg	482477.52	1349194.448
RLS-C05-5	RLS-C05-5^L	15-Feb-06	1,1-Dichloroethene	0.8	U	µg/kg	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Arsenic	5.9	-	mg/kg	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Benzo(a)anthracene	39.5	U	µg/kg	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Benzo(a)pyrene	39.5	U	µg/kg	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Benzo(b)fluoranthene	39.5	U	µg/kg	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Benzo(g,h,i)perylene	39.5	U	µg/kg	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Benzo(k)fluoranthene	39.5	U	µg/kg	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Beryllium	0.62	-	mg/kg	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^L	15-Feb-06	Bromodichloromethane	0.8	U	µg/kg	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Chrysene	39.5	U	µg/kg	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Dibenzo(a,h)anthracene	39.5	U	µg/kg	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Fluoranthene	39.5	U	µg/kg	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Indeno(1,2,3-cd)pyrene	39.5	U	µg/kg	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Phenanthrene	39.5	U	µg/kg	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Pyrene	39.5	U	µg/kg	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Radium-226	0.818	J	pCi/g	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Radium-228	0.755	J	pCi/g	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Technetium-99	1.7	U	pCi/g	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^L	15-Feb-06	Tetrachloroethene	0.8	U	µg/kg	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Thorium-228	0.732	J	pCi/g	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Thorium-230	0.919	J	pCi/g	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Thorium-232	0.755	J	pCi/g	482451.564	1348985.124
RLS-C05-5	RLS-C05-5^RMS	15-Feb-06	Uranium, Total	4.44	-	mg/kg	482451.564	1348985.124
RLS-C05-7	RLS-C05-7^L	21-Feb-06	1,1-Dichloroethene	1	U	µg/kg	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Arsenic	7.4	J	mg/kg	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Benzo(a)anthracene	38.1	U	µg/kg	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Benzo(a)pyrene	38.1	U	µg/kg	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Benzo(b)fluoranthene	38.1	U	µg/kg	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Benzo(g,h,i)perylene	38.1	U	µg/kg	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Benzo(k)fluoranthene	38.1	U	µg/kg	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Beryllium	0.78	-	mg/kg	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^L	21-Feb-06	Bromodichloromethane	1	U	µg/kg	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Chrysene	38.1	U	µg/kg	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Dibenzo(a,h)anthracene	38.1	U	µg/kg	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Fluoranthene	38.1	U	µg/kg	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Indeno(1,2,3-cd)pyrene	38.1	U	µg/kg	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Phenanthrene	38.1	U	µg/kg	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Pyrene	38.1	U	µg/kg	482373.726	1348941.382

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Radium-226	1	-	pCi/g	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Radium-228	0.827	-	pCi/g	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Technetium-99	1.92	U	pCi/g	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^L	21-Feb-06	Tetrachloroethene	1	U	µg/kg	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Thorium-228	0.885	-	pCi/g	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Thorium-230	0.687	J	pCi/g	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Thorium-232	0.827	-	pCi/g	482373.726	1348941.382
RLS-C05-7	RLS-C05-7^RMS	21-Feb-06	Uranium, Total	5.43	-	mg/kg	482373.726	1348941.382
RLS-C05-8	RLS-C05-8^L	21-Feb-06	1,1-Dichloroethene	0.8	U	µg/kg	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Arsenic	6.2	J	mg/kg	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Benzo(a)anthracene	38.2	U	µg/kg	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Benzo(a)pyrene	38.2	U	µg/kg	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Benzo(b)fluoranthene	38.2	U	µg/kg	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Benzo(g,h,i)perylene	38.2	U	µg/kg	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Benzo(k)fluoranthene	38.2	U	µg/kg	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Beryllium	0.66	-	mg/kg	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^L	21-Feb-06	Bromodichloromethane	0.8	U	µg/kg	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Chrysene	38.2	U	µg/kg	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Dibenzo(a,h)anthracene	38.2	U	µg/kg	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Fluoranthene	38.2	U	µg/kg	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Indeno(1,2,3-cd)pyrene	38.2	U	µg/kg	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Phenanthrene	38.2	U	µg/kg	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Pyrene	38.2	U	µg/kg	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Radium-226	0.911	-	pCi/g	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Radium-228	0.886	-	pCi/g	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Technetium-99	1.79	U	pCi/g	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^L	21-Feb-06	Tetrachloroethene	0.8	U	µg/kg	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Thorium-228	0.921	-	pCi/g	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Thorium-230	2.01	J	pCi/g	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Thorium-232	0.886	-	pCi/g	482386.796	1349002.007
RLS-C05-8	RLS-C05-8^RMS	21-Feb-06	Uranium, Total	4.3	J	mg/kg	482386.796	1349002.007
RLS-C05-9	RLS-C05-9^L	15-Feb-06	1,1-Dichloroethene	1.1	U	µg/kg	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Arsenic	5.1	-	mg/kg	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Benzo(a)anthracene	37.7	U	µg/kg	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Benzo(a)pyrene	37.7	U	µg/kg	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Benzo(b)fluoranthene	37.7	U	µg/kg	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Benzo(g,h,i)perylene	37.7	U	µg/kg	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Benzo(k)fluoranthene	37.7	U	µg/kg	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Beryllium	0.42	-	mg/kg	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^L	15-Feb-06	Bromodichloromethane	1.1	U	µg/kg	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Chrysene	37.7	U	µg/kg	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Dibenzo(a,h)anthracene	37.7	U	µg/kg	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Fluoranthene	37.7	U	µg/kg	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Indeno(1,2,3-cd)pyrene	37.7	U	µg/kg	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Phenanthrene	37.7	U	µg/kg	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Pyrene	37.7	U	µg/kg	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Radium-226	0.775	J	pCi/g	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Radium-228	0.68	J	pCi/g	482430.304	1349064.877

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Technetium-99	1.49	U	pCi/g	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^L	15-Feb-06	Tetrachloroethene	1.1	U	µg/kg	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Thorium-228	0.662	J	pCi/g	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Thorium-230	1.1	J	pCi/g	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Thorium-232	0.68	J	pCi/g	482430.304	1349064.877
RLS-C05-9	RLS-C05-9^RMS	15-Feb-06	Uranium, Total	3.99	-	mg/kg	482430.304	1349064.877
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Antimony	2.12	UJ	mg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Antimony	3.4	U	mg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Aroclor-1254	3.7	U	µg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Aroclor-1254	3.7	U	µg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Aroclor-1260	3.7	U	µg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Aroclor-1260	3.7	U	µg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Arsenic	6.4	J	mg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Arsenic	5.1	J	mg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Benzo(a)anthracene	37	U	µg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Benzo(a)anthracene	37.1	U	µg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Benzo(a)pyrene	37	U	µg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Benzo(a)pyrene	37.1	U	µg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Benzo(b)fluoranthene	37	U	µg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Benzo(b)fluoranthene	37.1	U	µg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Beryllium	0.52	-	mg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Beryllium	0.47	-	mg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Carbazole	370	U	µg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Carbazole	371	U	µg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Dibenzo(a,h)anthracene	37	U	µg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Dibenzo(a,h)anthracene	37.1	U	µg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Fluoride	2	J	mg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Fluoride	1.9	J	mg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Indeno(1,2,3-cd)pyrene	37	U	µg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Indeno(1,2,3-cd)pyrene	37.1	U	µg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Radium-226	0.826	J	pCi/g	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Radium-226	1.07	J	pCi/g	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Radium-228	0.718	J	pCi/g	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Radium-228	0.94	J	pCi/g	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Silver	0.054	J	mg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Silver	0.045	J	mg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Technetium-99	1.43	U	pCi/g	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Technetium-99	1.32	U	pCi/g	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Thorium-228	0.715	J	pCi/g	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Thorium-228	0.963	J	pCi/g	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Thorium-232	0.718	J	pCi/g	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Thorium-232	0.94	J	pCi/g	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS	24-Feb-06	Uranium, Total	3.3	J	mg/kg	482396.156	1348303.219
RLS-C06-1	RLS-C06-1^RMPS-D	24-Feb-06	Uranium, Total	3.32	U	mg/kg	482396.156	1348303.219
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Antimony	2.15	UJ	mg/kg		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Aroclor-1254	3.7	U	µg/kg		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Aroclor-1260	3.7	U	µg/kg		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Arsenic	5.1	-	mg/kg		

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Benzo(a)anthracene	37	U	µg/kg		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Benzo(a)pyrene	37	U	µg/kg		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Benzo(b)fluoranthene	37	U	µg/kg		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Beryllium	0.56	-	mg/kg		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Carbazole	370	U	µg/kg		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Dibenzo(a,h)anthracene	37	U	µg/kg		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Fluoride	2.71	J	mg/kg		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Indeno(1,2,3-cd)pyrene	37	U	µg/kg		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Radium-226	0.808	-	pCi/g		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Radium-228	0.771	-	pCi/g		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Silver	0.054	J	mg/kg		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Technetium-99	1.85	U	pCi/g		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Thorium-228	0.757	-	pCi/g		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Thorium-232	0.771	-	pCi/g		
RLS-C06-10	RLS-C06-10^RMPS	24-Jul-06	Uranium, Total	4.6	-	mg/kg		
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Antimony	0.652	U	mg/kg	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Aroclor-1254	3.8	U	µg/kg	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Aroclor-1260	3.8	U	µg/kg	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Arsenic	4.87	-	mg/kg	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Benzo(a)anthracene	38.4	U	µg/kg	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Benzo(a)pyrene	38.4	U	µg/kg	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Benzo(b)fluoranthene	38.4	U	µg/kg	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Beryllium	0.561	-	mg/kg	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Carbazole	384	U	µg/kg	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Dibenzo(a,h)anthracene	38.4	U	µg/kg	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Fluoride	1.02	U	mg/kg	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Indeno(1,2,3-cd)pyrene	38.4	U	µg/kg	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Radium-226	1.5	-	pCi/g	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Radium-228	1.21	-	pCi/g	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Silver	0.611	U	mg/kg	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Technetium-99	0.884	U	pCi/g	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Thorium-228	1.22	-	pCi/g	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Thorium-232	1.21	-	pCi/g	487088.03	1348354.918
RLS-C06-12	RLS-C06-12^RMPS	14-Mar-06	Uranium, Total	6.62	-	mg/kg	487088.03	1348354.918
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Antimony	0.728	U	mg/kg	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Aroclor-1254	4.1	U	µg/kg	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Aroclor-1260	4.1	U	µg/kg	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Arsenic	11.3	-	mg/kg	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Benzo(a)anthracene	40.6	U	µg/kg	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Benzo(a)pyrene	40.6	U	µg/kg	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Benzo(b)fluoranthene	40.6	U	µg/kg	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Beryllium	1.1	-	mg/kg	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Carbazole	406	U	µg/kg	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Dibenzo(a,h)anthracene	40.6	U	µg/kg	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Fluoride	1	U	mg/kg	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Indeno(1,2,3-cd)pyrene	40.6	U	µg/kg	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Radium-226	1.12	-	pCi/g	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Radium-228	0.768	-	pCi/g	487042.745	1348288.844

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Silver	0.683	U	mg/kg	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Technetium-99	0.848	U	pCi/g	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Thorium-228	0.786	-	pCi/g	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Thorium-232	0.768	-	pCi/g	487042.745	1348288.844
RLS-C06-13	RLS-C06-13^RMPS	14-Mar-06	Uranium, Total	3.95	J	mg/kg	487042.745	1348288.844
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Antimony	0.667	U	mg/kg	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Aroclor-1254	4	U	µg/kg	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Aroclor-1260	4	U	µg/kg	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Arsenic	2.94	-	mg/kg	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Benzo(a)anthracene	40.1	U	µg/kg	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Benzo(a)pyrene	40.1	U	µg/kg	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Benzo(b)fluoranthene	40.1	U	µg/kg	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Beryllium	0.902	-	mg/kg	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Carbazole	401	U	µg/kg	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Dibenzo(a,h)anthracene	40.1	U	µg/kg	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Fluoride	2.26	U	mg/kg	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Indeno(1,2,3-cd)pyrene	40.1	U	µg/kg	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Radium-226	1.11	-	pCi/g	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Radium-228	1.07	-	pCi/g	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Silver	0.625	U	mg/kg	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Technetium-99	0.846	U	pCi/g	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Thorium-228	1.02	-	pCi/g	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Thorium-232	1.07	-	pCi/g	481902.123	1348162.962
RLS-C06-15	RLS-C06-15^RMPS	14-Mar-06	Uranium, Total	2.65	J	mg/kg	481902.123	1348162.962
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Antimony	0.745	U	mg/kg	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Aroclor-1254	4	U	µg/kg	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Aroclor-1260	4	U	µg/kg	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Arsenic	9.87	-	mg/kg	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Benzo(a)anthracene	40.2	U	µg/kg	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Benzo(a)pyrene	40.2	U	µg/kg	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Benzo(b)fluoranthene	40.2	U	µg/kg	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Beryllium	0.877	-	mg/kg	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Carbazole	402	U	µg/kg	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Dibenzo(a,h)anthracene	40.2	U	µg/kg	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Fluoride	1.87	U	mg/kg	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Indeno(1,2,3-cd)pyrene	40.2	U	µg/kg	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Radium-226	1.2	-	pCi/g	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Radium-228	1.12	-	pCi/g	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Silver	0.698	U	mg/kg	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Technetium-99	0.853	U	pCi/g	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Thorium-228	1.25	-	pCi/g	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Thorium-232	1.12	-	pCi/g	481818.719	1348113.206
RLS-C06-16	RLS-C06-16^RMPS	14-Mar-06	Uranium, Total	4.71	J	mg/kg	481818.719	1348113.206
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Antimony	2.17	UJ	mg/kg	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Aroclor-1254	3.7	U	µg/kg	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Aroclor-1260	3.7	U	µg/kg	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Arsenic	8.1	J	mg/kg	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Benzo(a)anthracene	36.9	U	µg/kg	482412.23	1348449.032

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Benzo(a)pyrene	36.9	U	µg/kg	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Benzo(b)fluoranthene	36.9	U	µg/kg	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Beryllium	0.45	-	mg/kg	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Carbazole	369	U	µg/kg	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Dibenzo(a,h)anthracene	36.9	U	µg/kg	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Fluoride	2	J	mg/kg	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Indeno(1,2,3-cd)pyrene	36.9	U	µg/kg	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Radium-226	0.801	J	pCi/g	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Radium-228	0.766	J	pCi/g	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Silver	0.045	J	mg/kg	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Technetium-99	1.2	U	pCi/g	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Thorium-228	0.753	J	pCi/g	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Thorium-232	0.766	J	pCi/g	482412.23	1348449.032
RLS-C06-2	RLS-C06-2^RMPS	24-Feb-06	Uranium, Total	3.89	-	mg/kg	482412.23	1348449.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Antimony	0.74	U	mg/kg	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Aroclor-1254	3.7	U	µg/kg	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Aroclor-1260	3.7	U	µg/kg	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Arsenic	5	J	mg/kg	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Benzo(a)anthracene	37.3	U	µg/kg	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Benzo(a)pyrene	37.3	U	µg/kg	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Benzo(b)fluoranthene	37.3	U	µg/kg	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Beryllium	0.43	-	mg/kg	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Carbazole	373	U	µg/kg	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Dibenzo(a,h)anthracene	37.3	U	µg/kg	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Fluoride	2.2	J	mg/kg	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Indeno(1,2,3-cd)pyrene	37.3	U	µg/kg	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Radium-226	0.922	J	pCi/g	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Radium-228	0.79	J	pCi/g	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Silver	0.0439	U	mg/kg	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Technetium-99	1.18	U	pCi/g	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Thorium-228	0.787	J	pCi/g	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Thorium-232	0.79	J	pCi/g	482397.261	1348508.032
RLS-C06-3	RLS-C06-3^RMPS	24-Feb-06	Uranium, Total	5.01	-	mg/kg	482397.261	1348508.032
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Antimony	2.18	UJ	mg/kg	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Aroclor-1254	3.8	U	µg/kg	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Aroclor-1260	3.8	U	µg/kg	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Arsenic	5.8	J	mg/kg	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Benzo(a)anthracene	37.5	U	µg/kg	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Benzo(a)pyrene	37.5	U	µg/kg	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Benzo(b)fluoranthene	37.5	U	µg/kg	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Beryllium	0.55	-	mg/kg	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Carbazole	375	UJ	µg/kg	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Dibenzo(a,h)anthracene	37.5	U	µg/kg	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Fluoride	2.32	J	mg/kg	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Indeno(1,2,3-cd)pyrene	37.5	U	µg/kg	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Radium-226	0.889	-	pCi/g	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Radium-228	0.852	-	pCi/g	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Silver	0.055	J	mg/kg	482390.069	1348741.525

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Technetium-99	1.8	U	pCi/g	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Thorium-228	0.848	-	pCi/g	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Thorium-232	0.852	-	pCi/g	482390.069	1348741.525
RLS-C06-5	RLS-C06-5^RMPS	21-Feb-06	Uranium, Total	4.2	-	mg/kg	482390.069	1348741.525
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Antimony	0.92	U	mg/kg	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Aroclor-1254	3.9	U	µg/kg	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Aroclor-1260	3.9	U	µg/kg	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Arsenic	7	J	mg/kg	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Benzo(a)anthracene	39.1	U	µg/kg	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Benzo(a)pyrene	39.1	U	µg/kg	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Benzo(b)fluoranthene	39.1	U	µg/kg	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Beryllium	0.69	-	mg/kg	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Carbazole	391	UJ	µg/kg	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Dibenzo(a,h)anthracene	39.1	U	µg/kg	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Fluoride	2.5	J	mg/kg	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Indeno(1,2,3-cd)pyrene	39.1	U	µg/kg	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Radium-226	1.18	-	pCi/g	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Radium-228	0.994	-	pCi/g	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Silver	0.067	J	mg/kg	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Technetium-99	1.66	U	pCi/g	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Thorium-228	1.01	-	pCi/g	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Thorium-232	0.994	-	pCi/g	482374.35	1348865.578
RLS-C06-7	RLS-C06-7^RMPS	21-Feb-06	Uranium, Total	6.46	-	mg/kg	482374.35	1348865.578
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Antimony	0.78	J	mg/kg	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Aroclor-1254	3.7	U	µg/kg	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Aroclor-1260	3.7	U	µg/kg	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Arsenic	5	-	mg/kg	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Benzo(a)anthracene	36.8	U	µg/kg	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Benzo(a)pyrene	36.8	U	µg/kg	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Benzo(b)fluoranthene	36.8	U	µg/kg	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Beryllium	0.52	-	mg/kg	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Carbazole	368	U	µg/kg	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Dibenzo(a,h)anthracene	36.8	U	µg/kg	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Fluoride	2.34	J	mg/kg	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Indeno(1,2,3-cd)pyrene	36.8	U	µg/kg	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Radium-226	0.769	-	pCi/g	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Radium-228	0.739	-	pCi/g	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Silver	0.047	J	mg/kg	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Technetium-99	1.94	U	pCi/g	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Thorium-228	0.753	-	pCi/g	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Thorium-232	0.739	-	pCi/g	482334.934	1348689.204
RLS-C06-8	RLS-C06-8^RMPS	24-Jul-06	Uranium, Total	4.27	-	mg/kg	482334.934	1348689.204
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Antimony	0.442	UJ	mg/kg	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Aroclor-1254	3.7	U	µg/kg	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Aroclor-1260	3.7	U	µg/kg	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Arsenic	6.4	-	mg/kg	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Benzo(a)anthracene	37.1	U	µg/kg	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Benzo(a)pyrene	37.1	U	µg/kg	482307.536	1348630.196

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Benzo(b)fluoranthene	37.1	U	µg/kg	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Beryllium	0.61	-	mg/kg	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Carbazole	371	U	µg/kg	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Dibenzo(a,h)anthracene	37.1	U	µg/kg	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Fluoride	2.65	J	mg/kg	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Indeno(1,2,3-cd)pyrene	37.1	U	µg/kg	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Radium-226	0.884	-	pCi/g	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Radium-228	0.722	-	pCi/g	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Silver	0.049	J	mg/kg	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Technetium-99	1.92	U	pCi/g	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Thorium-228	0.762	-	pCi/g	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Thorium-232	0.722	-	pCi/g	482307.536	1348630.196
RLS-C06-9	RLS-C06-9^RMPS	24-Jul-06	Uranium, Total	2.93	U	mg/kg	482307.536	1348630.196
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Antimony	0.66	U	mg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Antimony	0.425	UJ	mg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Aroclor-1254	3.7	U	µg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Aroclor-1254	3.7	U	µg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Aroclor-1260	3.7	U	µg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Aroclor-1260	3.7	U	µg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Arsenic	5.5	J	mg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Arsenic	4.5	J	mg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Benzo(a)anthracene	36.7	U	µg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Benzo(a)anthracene	36.6	U	µg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Benzo(a)pyrene	36.7	U	µg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Benzo(a)pyrene	36.6	U	µg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Benzo(b)fluoranthene	36.7	U	µg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Benzo(b)fluoranthene	36.6	U	µg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Beryllium	0.46	-	mg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Beryllium	0.49	-	mg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Cadmium	0.24	J	mg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Cadmium	0.27	J	mg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Carbazole	367	U	µg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Carbazole	366	U	µg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Dibenzo(a,h)anthracene	36.7	U	µg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Dibenzo(a,h)anthracene	36.6	U	µg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Fluoride	1.85	J	mg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Fluoride	1.61	J	mg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Indeno(1,2,3-cd)pyrene	36.7	U	µg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Indeno(1,2,3-cd)pyrene	36.6	U	µg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Radium-226	0.73	J	pCi/g	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Radium-226	0.819	J	pCi/g	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Radium-228	0.786	J	pCi/g	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Radium-228	0.727	J	pCi/g	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Silver	0.049	J	mg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Silver	0.055	J	mg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Technetium-99	1.3	U	pCi/g	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Technetium-99	1.31	U	pCi/g	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Thorium-228	0.813	J	pCi/g	482231.614	1347825.318

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Thorium-228	0.718	J	pCi/g	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Thorium-232	0.786	J	pCi/g	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Thorium-232	0.727	J	pCi/g	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS	24-Feb-06	Uranium, Total	4.2	-	mg/kg	482231.614	1347825.318
RLS-C07-11	RLS-C07-11^RMPS-D	24-Feb-06	Uranium, Total	3.5	U	mg/kg	482231.614	1347825.318
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Antimony	2.19	UJ	mg/kg	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Aroclor-1254	3.7	U	µg/kg	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Aroclor-1260	3.7	U	µg/kg	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Arsenic	5.8	J	mg/kg	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Benzo(a)anthracene	36.5	U	µg/kg	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Benzo(a)pyrene	36.5	U	µg/kg	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Benzo(b)fluoranthene	36.5	U	µg/kg	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Beryllium	0.52	-	mg/kg	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Cadmium	0.26	J	mg/kg	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Carbazole	365	U	µg/kg	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Dibenzo(a,h)anthracene	36.5	U	µg/kg	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Fluoride	2.12	J	mg/kg	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Indeno(1,2,3-cd)pyrene	36.5	U	µg/kg	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Radium-226	1.02	J	pCi/g	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Radium-228	0.829	J	pCi/g	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Silver	0.053	J	mg/kg	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Technetium-99	1.28	U	pCi/g	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Thorium-228	0.846	J	pCi/g	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Thorium-232	0.829	J	pCi/g	482245.106	1347896.335
RLS-C07-12	RLS-C07-12^RMPS	24-Feb-06	Uranium, Total	4.04	U	mg/kg	482245.106	1347896.335
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Antimony	0.66	U	mg/kg	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Aroclor-1254	3.8	U	µg/kg	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Aroclor-1260	3.8	U	µg/kg	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Arsenic	6.5	J	mg/kg	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Benzo(a)anthracene	37.5	U	µg/kg	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Benzo(a)pyrene	37.5	U	µg/kg	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Benzo(b)fluoranthene	37.5	U	µg/kg	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Beryllium	0.43	-	mg/kg	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Cadmium	0.28	J	mg/kg	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Carbazole	375	U	µg/kg	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Dibenzo(a,h)anthracene	37.5	U	µg/kg	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Fluoride	2.42	J	mg/kg	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Indeno(1,2,3-cd)pyrene	37.5	U	µg/kg	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Radium-226	0.799	J	pCi/g	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Radium-228	0.81	J	pCi/g	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Silver	0.058	J	mg/kg	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Technetium-99	1.21	U	pCi/g	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Thorium-228	0.826	J	pCi/g	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Thorium-232	0.81	J	pCi/g	482353.803	1348052.52
RLS-C07-14	RLS-C07-14^RMPS	24-Feb-06	Uranium, Total	4.85	-	mg/kg	482353.803	1348052.52
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Antimony	2.22	UJ	mg/kg	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Aroclor-1254	3.7	U	µg/kg	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Aroclor-1260	3.7	U	µg/kg	482377.14	1348113.707

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Arsenic	6.5	J	mg/kg	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Benzo(a)anthracene	37	U	µg/kg	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Benzo(a)pyrene	37	U	µg/kg	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Benzo(b)fluoranthene	37	U	µg/kg	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Beryllium	0.58	-	mg/kg	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Cadmium	0.3	J	mg/kg	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Carbazole	370	U	µg/kg	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Dibenzo(a,h)anthracene	37	U	µg/kg	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Fluoride	1.99	J	mg/kg	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Indeno(1,2,3-cd)pyrene	37	U	µg/kg	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Radium-226	0.973	J	pCi/g	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Radium-228	0.954	J	pCi/g	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Silver	0.062	J	mg/kg	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Technetium-99	1.42	U	pCi/g	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Thorium-228	0.936	J	pCi/g	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Thorium-232	0.954	J	pCi/g	482377.14	1348113.707
RLS-C07-15	RLS-C07-15^RMPS	24-Feb-06	Uranium, Total	4.44	-	mg/kg	482377.14	1348113.707
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Antimony	1.2	U	mg/kg	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Aroclor-1254	3.7	U	µg/kg	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Aroclor-1260	3.7	U	µg/kg	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Arsenic	6.4	J	mg/kg	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Benzo(a)anthracene	36.7	U	µg/kg	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Benzo(a)pyrene	36.7	U	µg/kg	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Benzo(b)fluoranthene	36.7	U	µg/kg	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Beryllium	0.51	-	mg/kg	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Cadmium	0.25	J	mg/kg	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Carbazole	367	U	µg/kg	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Dibenzo(a,h)anthracene	36.7	U	µg/kg	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Fluoride	1.94	J	mg/kg	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Indeno(1,2,3-cd)pyrene	36.7	U	µg/kg	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Radium-226	0.882	J	pCi/g	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Radium-228	0.709	J	pCi/g	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Silver	0.054	J	mg/kg	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Technetium-99	1.29	U	pCi/g	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Thorium-228	0.647	J	pCi/g	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Thorium-232	0.709	J	pCi/g	482402.533	1348242.755
RLS-C07-16	RLS-C07-16^RMPS	24-Feb-06	Uranium, Total	4.8	J	mg/kg	482402.533	1348242.755
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Antimony	0.724	U	mg/kg	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Aroclor-1254	4	U	µg/kg	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Aroclor-1260	4	U	µg/kg	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Arsenic	8.67	-	mg/kg	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Benzo(a)anthracene	39.9	U	µg/kg	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Benzo(a)pyrene	39.9	U	µg/kg	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Benzo(b)fluoranthene	39.9	U	µg/kg	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Beryllium	0.988	-	mg/kg	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Cadmium	0.56	J	mg/kg	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Carbazole	399	U	µg/kg	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Dibenzo(a,h)anthracene	39.9	U	µg/kg	481775.426	1348062.737

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Fluoride	0.977	U	mg/kg	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Indeno(1,2,3-cd)pyrene	39.9	U	µg/kg	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Radium-226	1.27	-	pCi/g	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Radium-228	0.885	-	pCi/g	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Silver	0.679	U	mg/kg	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Technetium-99	0.854	U	pCi/g	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Thorium-228	0.834	-	pCi/g	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Thorium-232	0.885	-	pCi/g	481775.426	1348062.737
RLS-C07-2	RLS-C07-2^RMPS	14-Mar-06	Uranium, Total	6.95	-	mg/kg	481775.426	1348062.737
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Antimony	0.627	UJ	mg/kg	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Aroclor-1254	4	U	µg/kg	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Aroclor-1260	4	U	µg/kg	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Arsenic	9.5	-	mg/kg	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Benzo(a)anthracene	39.7	UJ	µg/kg	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Benzo(a)pyrene	49.1	J	µg/kg	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Benzo(b)fluoranthene	39.7	UJ	µg/kg	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Beryllium	0.879	-	mg/kg	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Cadmium	0.325	J	mg/kg	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Carbazole	397	UJ	µg/kg	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Dibenzo(a,h)anthracene	39.7	UJ	µg/kg	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Fluoride	3.46	J	mg/kg	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Indeno(1,2,3-cd)pyrene	39.7	UJ	µg/kg	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Radium-226	1.34	-	pCi/g	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Radium-228	1.13	-	pCi/g	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Silver	0.603	U	mg/kg	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Technetium-99	0.9	U	pCi/g	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Thorium-228	1.09	-	pCi/g	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Thorium-232	1.13	-	pCi/g	481853.885	1348043.745
RLS-C07-3	RLS-C07-3^RMPS	10-Mar-06	Uranium, Total	4.17	-	mg/kg	481853.885	1348043.745
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Antimony	0.744	UJ	mg/kg	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Aroclor-1254	3.8	U	µg/kg	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Aroclor-1260	3.8	U	µg/kg	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Arsenic	9.2	-	mg/kg	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Benzo(a)anthracene	38	UJ	µg/kg	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Benzo(a)pyrene	44.6	J	µg/kg	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Benzo(b)fluoranthene	38	UJ	µg/kg	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Beryllium	0.895	-	mg/kg	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Cadmium	0.301	J	mg/kg	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Carbazole	380	UJ	µg/kg	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Dibenzo(a,h)anthracene	38	UJ	µg/kg	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Fluoride	2.92	J	mg/kg	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Indeno(1,2,3-cd)pyrene	38	UJ	µg/kg	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Radium-226	1.03	-	pCi/g	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Radium-228	0.822	-	pCi/g	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Silver	0.698	U	mg/kg	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Technetium-99	0.941	U	pCi/g	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Thorium-228	0.83	-	pCi/g	481932.899	1348000.636
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Thorium-232	0.822	-	pCi/g	481932.899	1348000.636

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C07-4	RLS-C07-4^RMPS	10-Mar-06	Uranium, Total	7.14	-	mg/kg	481932.899	1348000.636
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Antimony	0.716	U	mg/kg	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Aroclor-1254	4	U	µg/kg	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Aroclor-1260	4	U	µg/kg	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Arsenic	8.62	-	mg/kg	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Benzo(a)anthracene	40.2	U	µg/kg	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Benzo(a)pyrene	40.2	U	µg/kg	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Benzo(b)fluoranthene	40.2	U	µg/kg	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Beryllium	0.7	-	mg/kg	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Cadmium	0.28	U	mg/kg	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Carbazole	402	U	µg/kg	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Dibenzo(a,h)anthracene	40.2	U	µg/kg	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Fluoride	0.873	U	mg/kg	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Indeno(1,2,3-cd)pyrene	40.2	U	µg/kg	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Radium-226	1.16	-	pCi/g	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Radium-228	0.878	-	pCi/g	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Silver	0.671	U	mg/kg	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Technetium-99	0.932	U	pCi/g	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Thorium-228	0.82	-	pCi/g	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Thorium-232	0.878	-	pCi/g	482062.567	1347903.779
RLS-C07-6	RLS-C07-6^RMPS	14-Mar-06	Uranium, Total	2.66	U	mg/kg	482062.567	1347903.779
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Antimony	0.738	U	mg/kg	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Aroclor-1254	4.1	U	µg/kg	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Aroclor-1260	4.1	U	µg/kg	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Arsenic	7.8	-	mg/kg	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Benzo(a)anthracene	40.9	U	µg/kg	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Benzo(a)pyrene	40.9	U	µg/kg	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Benzo(b)fluoranthene	40.9	U	µg/kg	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Beryllium	0.944	-	mg/kg	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Cadmium	0.366	J	mg/kg	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Carbazole	409	U	µg/kg	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Dibenzo(a,h)anthracene	40.9	U	µg/kg	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Fluoride	0.756	U	mg/kg	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Indeno(1,2,3-cd)pyrene	40.9	U	µg/kg	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Radium-226	1.24	-	pCi/g	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Radium-228	0.95	-	pCi/g	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Silver	0.692	U	mg/kg	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Technetium-99	2.72	-	pCi/g	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Thorium-228	0.984	-	pCi/g	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Thorium-232	0.95	-	pCi/g	482124.244	1347826.349
RLS-C07-7	RLS-C07-7^RMPS	14-Mar-06	Uranium, Total	7.57	-	mg/kg	482124.244	1347826.349
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Antimony	3.6	U	mg/kg	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Aroclor-1254	3.8	U	µg/kg	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Aroclor-1260	3.8	U	µg/kg	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Arsenic	7.9	J	mg/kg	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Benzo(a)anthracene	38	U	µg/kg	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Benzo(a)pyrene	38	U	µg/kg	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Benzo(b)fluoranthene	38	U	µg/kg	482169.407	1347693.464

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Beryllium	0.65	-	mg/kg	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Cadmium	0.32	J	mg/kg	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Carbazole	380	U	µg/kg	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Dibenzo(a,h)anthracene	38	U	µg/kg	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Fluoride	2.49	J	mg/kg	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Indeno(1,2,3-cd)pyrene	38	U	µg/kg	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Radium-226	0.934	J	pCi/g	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Radium-228	0.873	J	pCi/g	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Silver	0.069	J	mg/kg	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Technetium-99	1.37	U	pCi/g	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Thorium-228	0.904	J	pCi/g	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Thorium-232	0.873	J	pCi/g	482169.407	1347693.464
RLS-C07-8	RLS-C07-8^RMPS	24-Feb-06	Uranium, Total	2.68	U	mg/kg	482169.407	1347693.464
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Antimony	2.23	UJ	mg/kg	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Aroclor-1254	3.8	U	µg/kg	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Aroclor-1260	3.8	U	µg/kg	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Arsenic	6	J	mg/kg	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Benzo(a)anthracene	37.5	U	µg/kg	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Benzo(a)pyrene	37.5	U	µg/kg	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Benzo(b)fluoranthene	37.5	U	µg/kg	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Beryllium	0.52	-	mg/kg	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Cadmium	0.26	J	mg/kg	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Carbazole	375	U	µg/kg	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Dibenzo(a,h)anthracene	37.5	U	µg/kg	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Fluoride	1.73	J	mg/kg	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Indeno(1,2,3-cd)pyrene	37.5	U	µg/kg	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Radium-226	0.922	J	pCi/g	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Radium-228	0.749	J	pCi/g	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Silver	0.048	J	mg/kg	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Technetium-99	1.25	U	pCi/g	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Thorium-228	0.739	J	pCi/g	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Thorium-232	0.749	J	pCi/g	482194.043	1347613.08
RLS-C07-9	RLS-C07-9^RMPS	24-Feb-06	Uranium, Total	4.09	-	mg/kg	482194.043	1347613.08
RLS-C08-1	RLS-C08-1^RMP	26-Apr-06	Antimony	2.34	UJ	mg/kg	481635.098	1348054.044
RLS-C08-1	RLS-C08-1^RMP	26-Apr-06	Aroclor-1254	4	U	µg/kg	481635.098	1348054.044
RLS-C08-1	RLS-C08-1^RMP	26-Apr-06	Aroclor-1260	4	U	µg/kg	481635.098	1348054.044
RLS-C08-1	RLS-C08-1^RMP	26-Apr-06	Cadmium	0.37	J	mg/kg	481635.098	1348054.044
RLS-C08-1	RLS-C08-1^RMP	26-Apr-06	Radium-226	1.08	J	pCi/g	481635.098	1348054.044
RLS-C08-1	RLS-C08-1^RMP	26-Apr-06	Radium-228	0.98	J	pCi/g	481635.098	1348054.044
RLS-C08-1	RLS-C08-1^RMP	26-Apr-06	Technetium-99	1.89	U	pCi/g	481635.098	1348054.044
RLS-C08-1	RLS-C08-1^RMP	26-Apr-06	Thorium-228	1	J	pCi/g	481635.098	1348054.044
RLS-C08-1	RLS-C08-1^RMP	26-Apr-06	Thorium-230	2.64	-	pCi/g	481635.098	1348054.044
RLS-C08-1	RLS-C08-1^RMP	26-Apr-06	Thorium-232	0.98	J	pCi/g	481635.098	1348054.044
RLS-C08-1	RLS-C08-1^RMP	26-Apr-06	Uranium, Total	10.6	-	mg/kg	481635.098	1348054.044
RLS-C08-10	RLS-C08-10^RMP	27-Apr-06	Antimony	2.34	UJ	mg/kg	481085.438	1348066.847
RLS-C08-10	RLS-C08-10^RMP	27-Apr-06	Aroclor-1254	4	U	µg/kg	481085.438	1348066.847
RLS-C08-10	RLS-C08-10^RMP	27-Apr-06	Aroclor-1260	4	U	µg/kg	481085.438	1348066.847
RLS-C08-10	RLS-C08-10^RMP	27-Apr-06	Cadmium	0.37	J	mg/kg	481085.438	1348066.847

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C08-10	RLS-C08-10^RMP	27-Apr-06	Radium-226	1.06	J	pCi/g	481085.438	1348066.847
RLS-C08-10	RLS-C08-10^RMP	27-Apr-06	Radium-228	0.959	J	pCi/g	481085.438	1348066.847
RLS-C08-10	RLS-C08-10^RMP	27-Apr-06	Technetium-99	2.03	U	pCi/g	481085.438	1348066.847
RLS-C08-10	RLS-C08-10^RMP	27-Apr-06	Thorium-228	1.14	J	pCi/g	481085.438	1348066.847
RLS-C08-10	RLS-C08-10^RMP	27-Apr-06	Thorium-230	2.09	-	pCi/g	481085.438	1348066.847
RLS-C08-10	RLS-C08-10^RMP	27-Apr-06	Thorium-232	0.959	J	pCi/g	481085.438	1348066.847
RLS-C08-10	RLS-C08-10^RMP	27-Apr-06	Uranium, Total	13.7	-	mg/kg	481085.438	1348066.847
RLS-C08-12	RLS-C08-12^RMP	27-Apr-06	Antimony	2.34	UJ	mg/kg	481010.301	1348050.687
RLS-C08-12	RLS-C08-12^RMP	27-Apr-06	Aroclor-1254	4.1	U	µg/kg	481010.301	1348050.687
RLS-C08-12	RLS-C08-12^RMP	27-Apr-06	Aroclor-1260	4.1	U	µg/kg	481010.301	1348050.687
RLS-C08-12	RLS-C08-12^RMP	27-Apr-06	Cadmium	0.38	J	mg/kg	481010.301	1348050.687
RLS-C08-12	RLS-C08-12^RMP	27-Apr-06	Radium-226	1.31	J	pCi/g	481010.301	1348050.687
RLS-C08-12	RLS-C08-12^RMP	27-Apr-06	Radium-228	1.27	J	pCi/g	481010.301	1348050.687
RLS-C08-12	RLS-C08-12^RMP	27-Apr-06	Technetium-99	1.99	U	pCi/g	481010.301	1348050.687
RLS-C08-12	RLS-C08-12^RMP	27-Apr-06	Thorium-228	1.3	J	pCi/g	481010.301	1348050.687
RLS-C08-12	RLS-C08-12^RMP	27-Apr-06	Thorium-230	1.47	J	pCi/g	481010.301	1348050.687
RLS-C08-12	RLS-C08-12^RMP	27-Apr-06	Thorium-232	1.27	J	pCi/g	481010.301	1348050.687
RLS-C08-12	RLS-C08-12^RMP	27-Apr-06	Uranium, Total	10.3	-	mg/kg	481010.301	1348050.687
RLS-C08-14	RLS-C08-14^RMP	16-May-06	Antimony	0.932	UJ	mg/kg	480920.756	1348012.281
RLS-C08-14	RLS-C08-14^RMP	16-May-06	Aroclor-1254	6.1	J	µg/kg	480920.756	1348012.281
RLS-C08-14	RLS-C08-14^RMP	16-May-06	Aroclor-1260	3.9	U	µg/kg	480920.756	1348012.281
RLS-C08-14	RLS-C08-14^RMP	16-May-06	Cadmium	0.23	U	mg/kg	480920.756	1348012.281
RLS-C08-14	RLS-C08-14^RMP	16-May-06	Radium-226	0.977	-	pCi/g	480920.756	1348012.281
RLS-C08-14	RLS-C08-14^RMP	16-May-06	Radium-228	0.964	-	pCi/g	480920.756	1348012.281
RLS-C08-14	RLS-C08-14^RMP	16-May-06	Technetium-99	1.84	U	pCi/g	480920.756	1348012.281
RLS-C08-14	RLS-C08-14^RMP	16-May-06	Thorium-228	0.94	-	pCi/g	480920.756	1348012.281
RLS-C08-14	RLS-C08-14^RMP	16-May-06	Thorium-230	2.72	-	pCi/g	480920.756	1348012.281
RLS-C08-14	RLS-C08-14^RMP	16-May-06	Thorium-232	0.964	-	pCi/g	480920.756	1348012.281
RLS-C08-14	RLS-C08-14^RMP	16-May-06	Uranium, Total	12.6	-	mg/kg	480920.756	1348012.281
RLS-C08-15	RLS-C08-15^RMP	26-Apr-06	Antimony	0.454	UJ	mg/kg	480861.345	1348039.686
RLS-C08-15	RLS-C08-15^RMP	26-Apr-06	Aroclor-1254	4	U	µg/kg	480861.345	1348039.686
RLS-C08-15	RLS-C08-15^RMP	26-Apr-06	Aroclor-1260	4	U	µg/kg	480861.345	1348039.686
RLS-C08-15	RLS-C08-15^RMP	26-Apr-06	Cadmium	0.37	J	mg/kg	480861.345	1348039.686
RLS-C08-15	RLS-C08-15^RMP	26-Apr-06	Radium-226	0.984	J	pCi/g	480861.345	1348039.686
RLS-C08-15	RLS-C08-15^RMP	26-Apr-06	Radium-228	1.01	J	pCi/g	480861.345	1348039.686
RLS-C08-15	RLS-C08-15^RMP	26-Apr-06	Technetium-99	1.96	U	pCi/g	480861.345	1348039.686
RLS-C08-15	RLS-C08-15^RMP	26-Apr-06	Thorium-228	0.982	J	pCi/g	480861.345	1348039.686
RLS-C08-15	RLS-C08-15^RMP	26-Apr-06	Thorium-230	1.64	-	pCi/g	480861.345	1348039.686
RLS-C08-15	RLS-C08-15^RMP	26-Apr-06	Thorium-232	1.01	J	pCi/g	480861.345	1348039.686
RLS-C08-15	RLS-C08-15^RMP	26-Apr-06	Uranium, Total	11.3	-	mg/kg	480861.345	1348039.686
RLS-C08-16	RLS-C08-16^RMP	26-Apr-06	Antimony	2.14	UJ	mg/kg	480804.475	1348025.738
RLS-C08-16	RLS-C08-16^RMP	26-Apr-06	Aroclor-1254	3.7	U	µg/kg	480804.475	1348025.738
RLS-C08-16	RLS-C08-16^RMP	26-Apr-06	Aroclor-1260	3.7	U	µg/kg	480804.475	1348025.738
RLS-C08-16	RLS-C08-16^RMP	26-Apr-06	Cadmium	0.32	J	mg/kg	480804.475	1348025.738
RLS-C08-16	RLS-C08-16^RMP	26-Apr-06	Radium-226	1	J	pCi/g	480804.475	1348025.738
RLS-C08-16	RLS-C08-16^RMP	26-Apr-06	Radium-228	0.855	J	pCi/g	480804.475	1348025.738
RLS-C08-16	RLS-C08-16^RMP	26-Apr-06	Technetium-99	1.88	U	pCi/g	480804.475	1348025.738
RLS-C08-16	RLS-C08-16^RMP	26-Apr-06	Thorium-228	0.858	J	pCi/g	480804.475	1348025.738

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C08-16	RLS-C08-16^RMP	26-Apr-06	Thorium-230	1.85	-	pCi/g	480804.475	1348025.738
RLS-C08-16	RLS-C08-16^RMP	26-Apr-06	Thorium-232	0.855	J	pCi/g	480804.475	1348025.738
RLS-C08-16	RLS-C08-16^RMP	26-Apr-06	Uranium, Total	13.1	-	mg/kg	480804.475	1348025.738
RLS-C08-2	RLS-C08-2^RMP	26-Apr-06	Antimony	2.25	UJ	mg/kg	481531.474	1348054.447
RLS-C08-2	RLS-C08-2^RMP	26-Apr-06	Aroclor-1254	3.9	U	µg/kg	481531.474	1348054.447
RLS-C08-2	RLS-C08-2^RMP	26-Apr-06	Aroclor-1260	3.9	U	µg/kg	481531.474	1348054.447
RLS-C08-2	RLS-C08-2^RMP	26-Apr-06	Cadmium	0.34	J	mg/kg	481531.474	1348054.447
RLS-C08-2	RLS-C08-2^RMP	26-Apr-06	Radium-226	1	J	pCi/g	481531.474	1348054.447
RLS-C08-2	RLS-C08-2^RMP	26-Apr-06	Radium-228	1.18	J	pCi/g	481531.474	1348054.447
RLS-C08-2	RLS-C08-2^RMP	26-Apr-06	Technetium-99	1.98	U	pCi/g	481531.474	1348054.447
RLS-C08-2	RLS-C08-2^RMP	26-Apr-06	Thorium-228	1.17	J	pCi/g	481531.474	1348054.447
RLS-C08-2	RLS-C08-2^RMP	26-Apr-06	Thorium-230	2.08	-	pCi/g	481531.474	1348054.447
RLS-C08-2	RLS-C08-2^RMP	26-Apr-06	Thorium-232	1.18	J	pCi/g	481531.474	1348054.447
RLS-C08-2	RLS-C08-2^RMP	26-Apr-06	Uranium, Total	8.42	-	mg/kg	481531.474	1348054.447
RLS-C08-4	RLS-C08-4^RMP	26-Apr-06	Antimony	0.428	UJ	mg/kg	481352.43	1348044.028
RLS-C08-4	RLS-C08-4^RMP	26-Apr-06	Aroclor-1254	3.7	U	µg/kg	481352.43	1348044.028
RLS-C08-4	RLS-C08-4^RMP	26-Apr-06	Aroclor-1260	3.7	U	µg/kg	481352.43	1348044.028
RLS-C08-4	RLS-C08-4^RMP	26-Apr-06	Cadmium	0.42	J	mg/kg	481352.43	1348044.028
RLS-C08-4	RLS-C08-4^RMP	26-Apr-06	Radium-226	0.899	J	pCi/g	481352.43	1348044.028
RLS-C08-4	RLS-C08-4^RMP	26-Apr-06	Radium-228	0.907	J	pCi/g	481352.43	1348044.028
RLS-C08-4	RLS-C08-4^RMP	26-Apr-06	Technetium-99	1.76	U	pCi/g	481352.43	1348044.028
RLS-C08-4	RLS-C08-4^RMP	26-Apr-06	Thorium-228	0.926	J	pCi/g	481352.43	1348044.028
RLS-C08-4	RLS-C08-4^RMP	26-Apr-06	Thorium-230	2.13	-	pCi/g	481352.43	1348044.028
RLS-C08-4	RLS-C08-4^RMP	26-Apr-06	Thorium-232	0.907	J	pCi/g	481352.43	1348044.028
RLS-C08-4	RLS-C08-4^RMP	26-Apr-06	Uranium, Total	9.07	-	mg/kg	481352.43	1348044.028
RLS-C08-5	RLS-C08-5^RMP	26-Apr-06	Antimony	0.89	U	mg/kg	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP-D	26-Apr-06	Antimony	2.21	UJ	mg/kg	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP	26-Apr-06	Aroclor-1254	3.9	U	µg/kg	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP-D	26-Apr-06	Aroclor-1254	3.8	U	µg/kg	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP	26-Apr-06	Aroclor-1260	3.9	U	µg/kg	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP-D	26-Apr-06	Aroclor-1260	3.8	U	µg/kg	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP	26-Apr-06	Cadmium	0.4	J	mg/kg	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP-D	26-Apr-06	Cadmium	0.4	J	mg/kg	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP	26-Apr-06	Radium-226	1.27	J	pCi/g	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP-D	26-Apr-06	Radium-226	0.911	J	pCi/g	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP	26-Apr-06	Radium-228	0.997	J	pCi/g	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP-D	26-Apr-06	Radium-228	0.806	J	pCi/g	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP	26-Apr-06	Technetium-99	1.84	U	pCi/g	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP-D	26-Apr-06	Technetium-99	1.67	U	pCi/g	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP	26-Apr-06	Thorium-228	0.996	J	pCi/g	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP-D	26-Apr-06	Thorium-228	0.842	J	pCi/g	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP	26-Apr-06	Thorium-230	1.76	-	pCi/g	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP-D	26-Apr-06	Thorium-230	1.75	-	pCi/g	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP	26-Apr-06	Thorium-232	0.997	J	pCi/g	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP-D	26-Apr-06	Thorium-232	0.806	J	pCi/g	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP	26-Apr-06	Uranium, Total	11.2	-	mg/kg	481289.921	1348021.611
RLS-C08-5	RLS-C08-5^RMP-D	26-Apr-06	Uranium, Total	11.9	-	mg/kg	481289.921	1348021.611
RLS-C08-6	RLS-C08-6^RMP	26-Apr-06	Antimony	2.31	UJ	mg/kg	481244.168	1348083.277

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C08-6	RLS-C08-6^RMP	26-Apr-06	Aroclor-1254	4	U	µg/kg	481244.168	1348083.277
RLS-C08-6	RLS-C08-6^RMP	26-Apr-06	Aroclor-1260	4	U	µg/kg	481244.168	1348083.277
RLS-C08-6	RLS-C08-6^RMP	26-Apr-06	Cadmium	0.37	J	mg/kg	481244.168	1348083.277
RLS-C08-6	RLS-C08-6^RMP	26-Apr-06	Radium-226	1.12	J	pCi/g	481244.168	1348083.277
RLS-C08-6	RLS-C08-6^RMP	26-Apr-06	Radium-228	1.14	J	pCi/g	481244.168	1348083.277
RLS-C08-6	RLS-C08-6^RMP	26-Apr-06	Technetium-99	1.96	U	pCi/g	481244.168	1348083.277
RLS-C08-6	RLS-C08-6^RMP	26-Apr-06	Thorium-228	1.16	J	pCi/g	481244.168	1348083.277
RLS-C08-6	RLS-C08-6^RMP	26-Apr-06	Thorium-230	1.46	J	pCi/g	481244.168	1348083.277
RLS-C08-6	RLS-C08-6^RMP	26-Apr-06	Thorium-232	1.14	J	pCi/g	481244.168	1348083.277
RLS-C08-6	RLS-C08-6^RMP	26-Apr-06	Uranium, Total	4.84	-	mg/kg	481244.168	1348083.277
RLS-C08-7	RLS-C08-7^RMP	26-Apr-06	Antimony	0.444	UJ	mg/kg	481202.114	1348031
RLS-C08-7	RLS-C08-7^RMP	26-Apr-06	Aroclor-1254	3.8	U	µg/kg	481202.114	1348031
RLS-C08-7	RLS-C08-7^RMP	26-Apr-06	Aroclor-1260	3.8	U	µg/kg	481202.114	1348031
RLS-C08-7	RLS-C08-7^RMP	26-Apr-06	Cadmium	0.34	J	mg/kg	481202.114	1348031
RLS-C08-7	RLS-C08-7^RMP	26-Apr-06	Radium-226	0.797	J	pCi/g	481202.114	1348031
RLS-C08-7	RLS-C08-7^RMP	26-Apr-06	Radium-228	0.775	J	pCi/g	481202.114	1348031
RLS-C08-7	RLS-C08-7^RMP	26-Apr-06	Technetium-99	1.82	U	pCi/g	481202.114	1348031
RLS-C08-7	RLS-C08-7^RMP	26-Apr-06	Thorium-228	0.769	J	pCi/g	481202.114	1348031
RLS-C08-7	RLS-C08-7^RMP	26-Apr-06	Thorium-230	1.56	J	pCi/g	481202.114	1348031
RLS-C08-7	RLS-C08-7^RMP	26-Apr-06	Thorium-232	0.775	J	pCi/g	481202.114	1348031
RLS-C08-7	RLS-C08-7^RMP	26-Apr-06	Uranium, Total	8.15	-	mg/kg	481202.114	1348031
RLS-C08-9	RLS-C08-9^RMP	27-Apr-06	Antimony	2.46	UJ	mg/kg	481121.99	1348051.923
RLS-C08-9	RLS-C08-9^RMP	27-Apr-06	Aroclor-1254	4.1	U	µg/kg	481121.99	1348051.923
RLS-C08-9	RLS-C08-9^RMP	27-Apr-06	Aroclor-1260	4.1	U	µg/kg	481121.99	1348051.923
RLS-C08-9	RLS-C08-9^RMP	27-Apr-06	Cadmium	0.22	J	mg/kg	481121.99	1348051.923
RLS-C08-9	RLS-C08-9^RMP	27-Apr-06	Radium-226	1.16	J	pCi/g	481121.99	1348051.923
RLS-C08-9	RLS-C08-9^RMP	27-Apr-06	Radium-228	1.52	J	pCi/g	481121.99	1348051.923
RLS-C08-9	RLS-C08-9^RMP	27-Apr-06	Technetium-99	1.93	U	pCi/g	481121.99	1348051.923
RLS-C08-9	RLS-C08-9^RMP	27-Apr-06	Thorium-228	1.53	J	pCi/g	481121.99	1348051.923
RLS-C08-9	RLS-C08-9^RMP	27-Apr-06	Thorium-230	2.09	-	pCi/g	481121.99	1348051.923
RLS-C08-9	RLS-C08-9^RMP	27-Apr-06	Thorium-232	1.52	J	pCi/g	481121.99	1348051.923
RLS-C08-9	RLS-C08-9^RMP	27-Apr-06	Uranium, Total	6.1	-	mg/kg	481121.99	1348051.923
RLS-C09-1	RLS-C09-1^RM	27-May-06	Antimony	6.1	J	mg/kg	480748.84	1348042.13
RLS-C09-1	RLS-C09-1^RM	27-May-06	Beryllium	1.5	-	mg/kg	480748.84	1348042.13
RLS-C09-1	RLS-C09-1^RM	27-May-06	Radium-226	0.902	-	pCi/g	480748.84	1348042.13
RLS-C09-1	RLS-C09-1^RM	27-May-06	Radium-228	0.803	J	pCi/g	480748.84	1348042.13
RLS-C09-1	RLS-C09-1^RM	27-May-06	Technetium-99	1.78	U	pCi/g	480748.84	1348042.13
RLS-C09-1	RLS-C09-1^RM	27-May-06	Thorium-228	0.802	-	pCi/g	480748.84	1348042.13
RLS-C09-1	RLS-C09-1^RM	27-May-06	Thorium-232	0.803	J	pCi/g	480748.84	1348042.13
RLS-C09-1	RLS-C09-1^RM	27-May-06	Uranium, Total	10.8	-	mg/kg	480748.84	1348042.13
RLS-C09-11	RLS-C09-11^RM	15-May-06	Antimony	0.921	UJ	mg/kg	480314.886	1347823.112
RLS-C09-11	RLS-C09-11^RM	15-May-06	Beryllium	0.82	J	mg/kg	480314.886	1347823.112
RLS-C09-11	RLS-C09-11^RM	15-May-06	Radium-226	1.02	-	pCi/g	480314.886	1347823.112
RLS-C09-11	RLS-C09-11^RM	15-May-06	Radium-228	0.908	-	pCi/g	480314.886	1347823.112
RLS-C09-11	RLS-C09-11^RM	15-May-06	Technetium-99	2.05	U	pCi/g	480314.886	1347823.112
RLS-C09-11	RLS-C09-11^RM	15-May-06	Thorium-228	0.883	-	pCi/g	480314.886	1347823.112
RLS-C09-11	RLS-C09-11^RM	15-May-06	Thorium-232	0.908	-	pCi/g	480314.886	1347823.112
RLS-C09-11	RLS-C09-11^RM	15-May-06	Uranium, Total	3.69	-	mg/kg	480314.886	1347823.112

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C09-12	RLS-C09-12^RM	15-May-06	Antimony	0.941	UJ	mg/kg	480344.701	1347771.892
RLS-C09-12	RLS-C09-12^RM	15-May-06	Beryllium	0.72	J	mg/kg	480344.701	1347771.892
RLS-C09-12	RLS-C09-12^RM	15-May-06	Radium-226	0.84	-	pCi/g	480344.701	1347771.892
RLS-C09-12	RLS-C09-12^RM	15-May-06	Radium-228	0.693	-	pCi/g	480344.701	1347771.892
RLS-C09-12	RLS-C09-12^RM	15-May-06	Technetium-99	2.41	U	pCi/g	480344.701	1347771.892
RLS-C09-12	RLS-C09-12^RM	15-May-06	Thorium-228	0.694	-	pCi/g	480344.701	1347771.892
RLS-C09-12	RLS-C09-12^RM	15-May-06	Thorium-232	0.693	-	pCi/g	480344.701	1347771.892
RLS-C09-12	RLS-C09-12^RM	15-May-06	Uranium, Total	2.87	U	mg/kg	480344.701	1347771.892
RLS-C09-13	RLS-C09-13^RM	16-May-06	Antimony	2.8	J	mg/kg	480309.891	1347744.292
RLS-C09-13	RLS-C09-13^RM-D	16-May-06	Antimony	0.921	UJ	mg/kg	480309.891	1347744.292
RLS-C09-13	RLS-C09-13^RM	16-May-06	Beryllium	1.6	J	mg/kg	480309.891	1347744.292
RLS-C09-13	RLS-C09-13^RM-D	16-May-06	Beryllium	0.73	J	mg/kg	480309.891	1347744.292
RLS-C09-13	RLS-C09-13^RM	16-May-06	Radium-226	1.1	-	pCi/g	480309.891	1347744.292
RLS-C09-13	RLS-C09-13^RM-D	16-May-06	Radium-226	0.916	-	pCi/g	480309.891	1347744.292
RLS-C09-13	RLS-C09-13^RM	16-May-06	Radium-228	0.825	-	pCi/g	480309.891	1347744.292
RLS-C09-13	RLS-C09-13^RM-D	16-May-06	Radium-228	0.878	-	pCi/g	480309.891	1347744.292
RLS-C09-13	RLS-C09-13^RM	16-May-06	Technetium-99	2.28	U	pCi/g	480309.891	1347744.292
RLS-C09-13	RLS-C09-13^RM-D	16-May-06	Technetium-99	2.26	U	pCi/g	480309.891	1347744.292
RLS-C09-13	RLS-C09-13^RM	16-May-06	Thorium-228	0.802	-	pCi/g	480309.891	1347744.292
RLS-C09-13	RLS-C09-13^RM-D	16-May-06	Thorium-228	0.873	-	pCi/g	480309.891	1347744.292
RLS-C09-13	RLS-C09-13^RM	16-May-06	Thorium-232	0.825	-	pCi/g	480309.891	1347744.292
RLS-C09-13	RLS-C09-13^RM-D	16-May-06	Thorium-232	0.878	-	pCi/g	480309.891	1347744.292
RLS-C09-13	RLS-C09-13^RM	16-May-06	Uranium, Total	3.21	J	mg/kg	480309.891	1347744.292
RLS-C09-13	RLS-C09-13^RM-D	16-May-06	Uranium, Total	4.31	-	mg/kg	480309.891	1347744.292
RLS-C09-14	RLS-C09-14^RM	16-May-06	Antimony	0.957	UJ	mg/kg	480309.525	1347667.924
RLS-C09-14	RLS-C09-14^RM	16-May-06	Beryllium	0.4	J	mg/kg	480309.525	1347667.924
RLS-C09-14	RLS-C09-14^RM	16-May-06	Radium-226	1.01	-	pCi/g	480309.525	1347667.924
RLS-C09-14	RLS-C09-14^RM	16-May-06	Radium-228	0.879	-	pCi/g	480309.525	1347667.924
RLS-C09-14	RLS-C09-14^RM	16-May-06	Technetium-99	2.35	U	pCi/g	480309.525	1347667.924
RLS-C09-14	RLS-C09-14^RM	16-May-06	Thorium-228	0.898	-	pCi/g	480309.525	1347667.924
RLS-C09-14	RLS-C09-14^RM	16-May-06	Thorium-232	0.879	-	pCi/g	480309.525	1347667.924
RLS-C09-14	RLS-C09-14^RM	16-May-06	Uranium, Total	2.77	J	mg/kg	480309.525	1347667.924
RLS-C09-16	RLS-C09-16^RM	22-May-06	Antimony	0.501	U	mg/kg	480338.838	1347627.172
RLS-C09-16	RLS-C09-16^RM	22-May-06	Beryllium	0.603	-	mg/kg	480338.838	1347627.172
RLS-C09-16	RLS-C09-16^RM	22-May-06	Radium-226	1.03	-	pCi/g	480338.838	1347627.172
RLS-C09-16	RLS-C09-16^RM	22-May-06	Radium-228	0.752	-	pCi/g	480338.838	1347627.172
RLS-C09-16	RLS-C09-16^RM	22-May-06	Technetium-99	1.02	U	pCi/g	480338.838	1347627.172
RLS-C09-16	RLS-C09-16^RM	22-May-06	Thorium-228	0.725	-	pCi/g	480338.838	1347627.172
RLS-C09-16	RLS-C09-16^RM	22-May-06	Thorium-232	0.752	-	pCi/g	480338.838	1347627.172
RLS-C09-16	RLS-C09-16^RM	22-May-06	Uranium, Total	3.05	J	mg/kg	480338.838	1347627.172
RLS-C09-2	RLS-C09-2^RM	8-May-06	Antimony	9.51	UJ	mg/kg	480661.909	1348018.393
RLS-C09-2	RLS-C09-2^RM	8-May-06	Beryllium	0.77	-	mg/kg	480661.909	1348018.393
RLS-C09-2	RLS-C09-2^RM	8-May-06	Radium-226	1.51	-	pCi/g	480661.909	1348018.393
RLS-C09-2	RLS-C09-2^RM	8-May-06	Radium-228	1.11	J	pCi/g	480661.909	1348018.393
RLS-C09-2	RLS-C09-2^RM	8-May-06	Technetium-99	1.9	U	pCi/g	480661.909	1348018.393
RLS-C09-2	RLS-C09-2^RM	8-May-06	Thorium-228	1.08	-	pCi/g	480661.909	1348018.393
RLS-C09-2	RLS-C09-2^RM	8-May-06	Thorium-232	1.11	J	pCi/g	480661.909	1348018.393
RLS-C09-2	RLS-C09-2^RM	8-May-06	Uranium, Total	6.38	-	mg/kg	480661.909	1348018.393

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C09-3	RLS-C09-3^RM	16-May-06	Antimony	0.483	UJ	mg/kg	480589.222	1348029.025
RLS-C09-3	RLS-C09-3^RM	16-May-06	Beryllium	0.82	J	mg/kg	480589.222	1348029.025
RLS-C09-3	RLS-C09-3^RM	16-May-06	Radium-226	1.1	-	pCi/g	480589.222	1348029.025
RLS-C09-3	RLS-C09-3^RM	16-May-06	Radium-228	1.08	-	pCi/g	480589.222	1348029.025
RLS-C09-3	RLS-C09-3^RM	16-May-06	Technetium-99	2.41	U	pCi/g	480589.222	1348029.025
RLS-C09-3	RLS-C09-3^RM	16-May-06	Thorium-228	1.07	-	pCi/g	480589.222	1348029.025
RLS-C09-3	RLS-C09-3^RM	16-May-06	Thorium-232	1.08	-	pCi/g	480589.222	1348029.025
RLS-C09-3	RLS-C09-3^RM	16-May-06	Uranium, Total	5.53	-	mg/kg	480589.222	1348029.025
RLS-C09-5	RLS-C09-5^RM	8-May-06	Antimony	4.62	UJ	mg/kg	480486.61	1348019.779
RLS-C09-5	RLS-C09-5^RM	8-May-06	Beryllium	0.69	-	mg/kg	480486.61	1348019.779
RLS-C09-5	RLS-C09-5^RM	8-May-06	Radium-226	1.07	-	pCi/g	480486.61	1348019.779
RLS-C09-5	RLS-C09-5^RM	8-May-06	Radium-228	1.13	J	pCi/g	480486.61	1348019.779
RLS-C09-5	RLS-C09-5^RM	8-May-06	Technetium-99	2.2	U	pCi/g	480486.61	1348019.779
RLS-C09-5	RLS-C09-5^RM	8-May-06	Thorium-228	1.14	-	pCi/g	480486.61	1348019.779
RLS-C09-5	RLS-C09-5^RM	8-May-06	Thorium-232	1.13	J	pCi/g	480486.61	1348019.779
RLS-C09-5	RLS-C09-5^RM	8-May-06	Uranium, Total	4.48	J	mg/kg	480486.61	1348019.779
RLS-C09-6	RLS-C09-6^RM	8-May-06	Antimony	9.5	UJ	mg/kg	480438.277	1348003.985
RLS-C09-6	RLS-C09-6^RM	8-May-06	Beryllium	0.94	-	mg/kg	480438.277	1348003.985
RLS-C09-6	RLS-C09-6^RM	8-May-06	Radium-226	1.07	-	pCi/g	480438.277	1348003.985
RLS-C09-6	RLS-C09-6^RM	8-May-06	Radium-228	1.09	J	pCi/g	480438.277	1348003.985
RLS-C09-6	RLS-C09-6^RM	8-May-06	Technetium-99	1.88	U	pCi/g	480438.277	1348003.985
RLS-C09-6	RLS-C09-6^RM	8-May-06	Thorium-228	1.09	-	pCi/g	480438.277	1348003.985
RLS-C09-6	RLS-C09-6^RM	8-May-06	Thorium-232	1.09	J	pCi/g	480438.277	1348003.985
RLS-C09-6	RLS-C09-6^RM	8-May-06	Uranium, Total	6.2	-	mg/kg	480438.277	1348003.985
RLS-C09-8	RLS-C09-8^RM	8-May-06	Antimony	4.59	UJ	mg/kg	480365.488	1347941.722
RLS-C09-8	RLS-C09-8^RM	8-May-06	Beryllium	0.63	-	mg/kg	480365.488	1347941.722
RLS-C09-8	RLS-C09-8^RM	8-May-06	Radium-226	0.931	-	pCi/g	480365.488	1347941.722
RLS-C09-8	RLS-C09-8^RM	8-May-06	Radium-228	0.934	J	pCi/g	480365.488	1347941.722
RLS-C09-8	RLS-C09-8^RM	8-May-06	Technetium-99	1.64	U	pCi/g	480365.488	1347941.722
RLS-C09-8	RLS-C09-8^RM	8-May-06	Thorium-228	0.905	-	pCi/g	480365.488	1347941.722
RLS-C09-8	RLS-C09-8^RM	8-May-06	Thorium-232	0.934	J	pCi/g	480365.488	1347941.722
RLS-C09-8	RLS-C09-8^RM	8-May-06	Uranium, Total	4.89	-	mg/kg	480365.488	1347941.722
RLS-C09-9	RLS-C09-9^RM	8-May-06	Antimony	9.37	UJ	mg/kg	480380.777	1347907.55
RLS-C09-9	RLS-C09-9^RM	8-May-06	Beryllium	0.91	-	mg/kg	480380.777	1347907.55
RLS-C09-9	RLS-C09-9^RM	8-May-06	Radium-226	1.39	-	pCi/g	480380.777	1347907.55
RLS-C09-9	RLS-C09-9^RM	8-May-06	Radium-228	1.09	J	pCi/g	480380.777	1347907.55
RLS-C09-9	RLS-C09-9^RM	8-May-06	Technetium-99	1.94	U	pCi/g	480380.777	1347907.55
RLS-C09-9	RLS-C09-9^RM	8-May-06	Thorium-228	1.1	-	pCi/g	480380.777	1347907.55
RLS-C09-9	RLS-C09-9^RM	8-May-06	Thorium-232	1.09	J	pCi/g	480380.777	1347907.55
RLS-C09-9	RLS-C09-9^RM	8-May-06	Uranium, Total	4.35	-	mg/kg	480380.777	1347907.55
RLS-C10-1	RLS-C10-1^L	12-Apr-06	1,1-Dichloroethene	1.2	U	µg/kg	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Antimony	0.419	U	mg/kg	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Aroclor-1254	3.9	U	µg/kg	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Aroclor-1260	3.9	U	µg/kg	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Arsenic	9.18	J	mg/kg	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Benzo(a)pyrene	39.1	U	µg/kg	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Benzo(b)fluoranthene	39.1	U	µg/kg	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Beryllium	0.536	-	mg/kg	482484.72	1346523.83

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C10-1	RLS-C10-1^L	12-Apr-06	Bromodichloromethane	1.2	U	µg/kg	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Cesium-137	0.0277	U	pCi/g	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Dibenzo(a,h)anthracene	39.1	U	µg/kg	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Dieldrin	1.6	U	µg/kg	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Fluoride	1.28	U	mg/kg	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Indeno(1,2,3-cd)pyrene	39.1	U	µg/kg	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Radium-226	0.71	J	pCi/g	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Radium-228	0.683	-	pCi/g	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Silver	0.592	U	mg/kg	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Technetium-99	1.09	-	pCi/g	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^L	12-Apr-06	Tetrachloroethene	1.2	U	µg/kg	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Thorium-228	0.701	-	pCi/g	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Thorium-230	1.49	J	pCi/g	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Thorium-232	0.683	-	pCi/g	482484.72	1346523.83
RLS-C10-1	RLS-C10-1^RMPS	12-Apr-06	Uranium, Total	2.86	J	mg/kg	482484.72	1346523.83
RLS-C10-11	RLS-C10-11^L	19-Apr-06	1,1-Dichloroethene	1.4	U	µg/kg	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Antimony	9.7	UJ	mg/kg	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Aroclor-1254	4.1	U	µg/kg	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Aroclor-1260	4.1	U	µg/kg	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Arsenic	5.1	-	mg/kg	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Benzo(a)pyrene	40.6	U	µg/kg	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Benzo(b)fluoranthene	40.6	U	µg/kg	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Beryllium	0.46	-	mg/kg	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^L	19-Apr-06	Bromodichloromethane	1.4	U	µg/kg	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Cesium-137	0.222	-	pCi/g	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Dibenzo(a,h)anthracene	40.6	U	µg/kg	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Dieldrin	1.6	U	µg/kg	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Fluoride	2.27	U	mg/kg	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Indeno(1,2,3-cd)pyrene	40.6	U	µg/kg	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Radium-226	1.19	-	pCi/g	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Radium-228	1.05	-	pCi/g	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Silver	0.052	J	mg/kg	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Technetium-99	2.25	U	pCi/g	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^L	19-Apr-06	Tetrachloroethene	1.4	U	µg/kg	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Thorium-228	1.08	-	pCi/g	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Thorium-230	2.23	-	pCi/g	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Thorium-232	1.05	-	pCi/g	482338.322	1347162.097
RLS-C10-11	RLS-C10-11^RMPS	19-Apr-06	Uranium, Total	12.7	-	mg/kg	482338.322	1347162.097
RLS-C10-12	RLS-C10-12^L	13-Apr-06	1,1-Dichloroethene	1	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^L-D	13-Apr-06	1,1-Dichloroethene	1.5	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Antimony	0.486	UJ	mg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Antimony	3.4	U	mg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Aroclor-1254	4.1	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Aroclor-1254	3.6	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Aroclor-1260	4.1	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Aroclor-1260	3.6	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Arsenic	2.3	J	mg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Arsenic	4.9	J	mg/kg	482306.567	1347215.398

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Benzo(a)pyrene	40.5	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Benzo(a)pyrene	36.4	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Benzo(b)fluoranthene	40.5	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Benzo(b)fluoranthene	36.4	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Beryllium	0.42	-	mg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Beryllium	0.43	-	mg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^L	13-Apr-06	Bromodichloromethane	1	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^L-D	13-Apr-06	Bromodichloromethane	1.5	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Cesium-137	0.0743	U	pCi/g	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Cesium-137	0.0314	U	pCi/g	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Dibenzo(a,h)anthracene	40.5	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Dibenzo(a,h)anthracene	36.4	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Dieldrin	1.6	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Dieldrin	1.5	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Fluoride	1.19	U	mg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Fluoride	1.12	U	mg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Indeno(1,2,3-cd)pyrene	40.5	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Indeno(1,2,3-cd)pyrene	36.4	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Radium-226	1.06	-	pCi/g	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Radium-226	0.909	-	pCi/g	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Radium-228	1.11	J	pCi/g	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Radium-228	0.6	J	pCi/g	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Silver	0.0484	U	mg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Silver	0.047	J	mg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Technetium-99	1.63	U	pCi/g	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Technetium-99	1.66	U	pCi/g	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^L	13-Apr-06	Tetrachloroethene	1	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^L-D	13-Apr-06	Tetrachloroethene	1.5	U	µg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Thorium-228	1.15	J	pCi/g	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Thorium-228	0.592	J	pCi/g	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Thorium-230	1	J	pCi/g	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Thorium-230	0.99	J	pCi/g	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Thorium-232	1.11	J	pCi/g	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Thorium-232	0.6	J	pCi/g	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS	13-Apr-06	Uranium, Total	4.72	-	mg/kg	482306.567	1347215.398
RLS-C10-12	RLS-C10-12^RMPS-D	13-Apr-06	Uranium, Total	4.04	-	mg/kg	482306.567	1347215.398
RLS-C10-13	RLS-C10-13^L	13-Apr-06	1,1-Dichloroethene	1	U	µg/kg	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Antimony	0.466	UJ	mg/kg	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Aroclor-1254	4	U	µg/kg	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Aroclor-1260	4	U	µg/kg	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Arsenic	5.6	J	mg/kg	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Benzo(a)pyrene	39.7	U	µg/kg	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Benzo(b)fluoranthene	39.7	U	µg/kg	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Beryllium	0.53	-	mg/kg	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^L	13-Apr-06	Bromodichloromethane	1	U	µg/kg	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Cesium-137	0.0344	U	pCi/g	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Dibenzo(a,h)anthracene	39.7	U	µg/kg	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Dieldrin	1.6	U	µg/kg	482286.545	1347316.907

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Fluoride	1.02	U	mg/kg	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Indeno(1,2,3-cd)pyrene	39.7	U	µg/kg	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Radium-226	1.03	-	pCi/g	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Radium-228	0.975	J	pCi/g	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Silver	0.055	J	mg/kg	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Technetium-99	1.76	U	pCi/g	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^L	13-Apr-06	Tetrachloroethene	1	U	µg/kg	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Thorium-228	0.974	J	pCi/g	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Thorium-230	1.6	-	pCi/g	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Thorium-232	0.975	J	pCi/g	482286.545	1347316.907
RLS-C10-13	RLS-C10-13^RMPS	13-Apr-06	Uranium, Total	5.47	-	mg/kg	482286.545	1347316.907
RLS-C10-14	RLS-C10-14^L	13-Apr-06	1,1-Dichloroethene	1.2	U	µg/kg	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Antimony	0.475	UJ	mg/kg	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Aroclor-1254	4.1	U	µg/kg	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Aroclor-1260	4.1	U	µg/kg	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Arsenic	5.3	J	mg/kg	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Benzo(a)pyrene	41.3	U	µg/kg	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Benzo(b)fluoranthene	41.3	U	µg/kg	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Beryllium	0.64	-	mg/kg	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^L	13-Apr-06	Bromodichloromethane	1.2	U	µg/kg	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Cesium-137	0.0587	U	pCi/g	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Dibenzo(a,h)anthracene	41.3	U	µg/kg	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Dieldrin	1.7	U	µg/kg	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Fluoride	1.34	U	mg/kg	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Indeno(1,2,3-cd)pyrene	41.3	U	µg/kg	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Radium-226	1.14	-	pCi/g	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Radium-228	1.16	J	pCi/g	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Silver	0.061	J	mg/kg	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Technetium-99	1.77	U	pCi/g	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^L	13-Apr-06	Tetrachloroethene	1.2	U	µg/kg	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Thorium-228	1.17	J	pCi/g	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Thorium-230	0.843	J	pCi/g	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Thorium-232	1.16	J	pCi/g	482248.228	1347384.373
RLS-C10-14	RLS-C10-14^RMPS	13-Apr-06	Uranium, Total	5.65	-	mg/kg	482248.228	1347384.373
RLS-C10-16	RLS-C10-16^L	13-Apr-06	1,1-Dichloroethene	1.1	U	µg/kg	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Antimony	0.472	UJ	mg/kg	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Aroclor-1254	4.1	U	µg/kg	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Aroclor-1260	4.1	U	µg/kg	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Arsenic	9.1	J	mg/kg	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Benzo(a)pyrene	41.1	U	µg/kg	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Benzo(b)fluoranthene	41.1	U	µg/kg	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Beryllium	0.79	-	mg/kg	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^L	13-Apr-06	Bromodichloromethane	1.1	U	µg/kg	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Cesium-137	0.0511	U	pCi/g	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Dibenzo(a,h)anthracene	41.1	U	µg/kg	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Dieldrin	1.6	U	µg/kg	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Fluoride	0.87	U	mg/kg	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Indeno(1,2,3-cd)pyrene	107	-	µg/kg	482206.285	1347538.094

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Radium-226	1.16	-	pCi/g	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Radium-228	1	J	pCi/g	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Silver	0.072	J	mg/kg	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Technetium-99	1.82	U	pCi/g	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^L	13-Apr-06	Tetrachloroethene	1.1	U	µg/kg	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Thorium-228	0.979	J	pCi/g	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Thorium-230	0.82	J	pCi/g	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Thorium-232	1	J	pCi/g	482206.285	1347538.094
RLS-C10-16	RLS-C10-16^RMPS	13-Apr-06	Uranium, Total	9.65	-	mg/kg	482206.285	1347538.094
RLS-C10-2	RLS-C10-2^L	12-Apr-06	1,1-Dichloroethene	1.2	U	µg/kg	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Antimony	0.391	U	mg/kg	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Aroclor-1254	3.9	U	µg/kg	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Aroclor-1260	3.9	U	µg/kg	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Arsenic	6.99	J	mg/kg	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Benzo(a)pyrene	190	-	µg/kg	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Benzo(b)fluoranthene	205	-	µg/kg	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Beryllium	0.212	-	mg/kg	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^L	12-Apr-06	Bromodichloromethane	1.2	U	µg/kg	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Cesium-137	0.0295	U	pCi/g	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Dibenzo(a,h)anthracene	38.9	U	µg/kg	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Dieldrin	1.6	U	µg/kg	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Fluoride	1.39	U	mg/kg	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Indeno(1,2,3-cd)pyrene	292	-	µg/kg	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Radium-226	0.704	J	pCi/g	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Radium-228	0.525	-	pCi/g	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Silver	0.552	U	mg/kg	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Technetium-99	0.853	U	pCi/g	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^L	12-Apr-06	Tetrachloroethene	1.2	U	µg/kg	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Thorium-228	0.514	-	pCi/g	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Thorium-230	1.19	J	pCi/g	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Thorium-232	0.525	-	pCi/g	482482.922	1346580.797
RLS-C10-2	RLS-C10-2^RMPS	12-Apr-06	Uranium, Total	4.95	-	mg/kg	482482.922	1346580.797
RLS-C10-3	RLS-C10-3^L	12-Apr-06	1,1-Dichloroethene	1.2	U	µg/kg	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Antimony	0.551	J	mg/kg	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Aroclor-1254	4	U	µg/kg	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Aroclor-1260	4	U	µg/kg	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Arsenic	12.2	J	mg/kg	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Benzo(a)pyrene	39.6	U	µg/kg	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Benzo(b)fluoranthene	39.6	U	µg/kg	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Beryllium	0.81	-	mg/kg	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^L	12-Apr-06	Bromodichloromethane	1.2	U	µg/kg	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Cesium-137	0.0498	U	pCi/g	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Dibenzo(a,h)anthracene	39.6	U	µg/kg	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Dieldrin	1.6	U	µg/kg	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Fluoride	1.92	U	mg/kg	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Indeno(1,2,3-cd)pyrene	39.6	U	µg/kg	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Radium-226	1.17	J	pCi/g	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Radium-228	1.01	-	pCi/g	482449.321	1346641.739

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Silver	0.661	U	mg/kg	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Technetium-99	3.56	-	pCi/g	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^L	12-Apr-06	Tetrachloroethene	1.2	U	µg/kg	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Thorium-228	0.958	-	pCi/g	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Thorium-230	1.77	J	pCi/g	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Thorium-232	1.01	-	pCi/g	482449.321	1346641.739
RLS-C10-3	RLS-C10-3^RMPS	12-Apr-06	Uranium, Total	2.78	U	mg/kg	482449.321	1346641.739
RLS-C10-5	RLS-C10-5^L	13-Apr-06	1,1-Dichloroethene	1	U	µg/kg	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Antimony	1.02	UJ	mg/kg	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Aroclor-1254	4.3	U	µg/kg	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Aroclor-1260	4.3	U	µg/kg	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Arsenic	7.5	J	mg/kg	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Benzo(a)pyrene	42.7	U	µg/kg	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Benzo(b)fluoranthene	42.7	U	µg/kg	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Beryllium	1.1	-	mg/kg	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^L	13-Apr-06	Bromodichloromethane	1	U	µg/kg	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Cesium-137	0.0738	U	pCi/g	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Dibenzo(a,h)anthracene	42.7	U	µg/kg	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Dieldrin	1.7	U	µg/kg	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Fluoride	1.06	U	mg/kg	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Indeno(1,2,3-cd)pyrene	42.7	U	µg/kg	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Radium-226	1.01	-	pCi/g	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Radium-228	1.05	J	pCi/g	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Silver	0.075	J	mg/kg	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Technetium-99	1.97	U	pCi/g	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^L	13-Apr-06	Tetrachloroethene	1	U	µg/kg	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Thorium-228	1.06	J	pCi/g	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Thorium-230	2.87	-	pCi/g	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Thorium-232	1.05	J	pCi/g	482412.794	1346785.651
RLS-C10-5	RLS-C10-5^RMPS	13-Apr-06	Uranium, Total	4.77	-	mg/kg	482412.794	1346785.651
RLS-C10-7	RLS-C10-7^L	19-Apr-06	1,1-Dichloroethene	1.1	U	µg/kg	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Antimony	4.81	UJ	mg/kg	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Aroclor-1254	4	U	µg/kg	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Aroclor-1260	4	U	µg/kg	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Arsenic	11.3	-	mg/kg	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Benzo(a)pyrene	40.1	U	µg/kg	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Benzo(b)fluoranthene	40.1	U	µg/kg	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Beryllium	0.9	-	mg/kg	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^L	19-Apr-06	Bromodichloromethane	1.1	U	µg/kg	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Cesium-137	0.031	U	pCi/g	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Dibenzo(a,h)anthracene	40.1	U	µg/kg	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Dieldrin	1.6	U	µg/kg	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Fluoride	2.34	U	mg/kg	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Indeno(1,2,3-cd)pyrene	40.1	U	µg/kg	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Radium-226	0.898	-	pCi/g	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Radium-228	1.06	-	pCi/g	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Silver	0.08	J	mg/kg	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Technetium-99	2.04	U	pCi/g	482397.855	1346922.831

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C10-7	RLS-C10-7^L	19-Apr-06	Tetrachloroethene	1.1	U	µg/kg	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Thorium-228	1.06	-	pCi/g	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Thorium-230	1.67	-	pCi/g	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Thorium-232	1.06	-	pCi/g	482397.855	1346922.831
RLS-C10-7	RLS-C10-7^RMPS	19-Apr-06	Uranium, Total	3.56	-	mg/kg	482397.855	1346922.831
RLS-C10-8	RLS-C10-8^L	13-Apr-06	1,1-Dichloroethene	1.2	U	µg/kg	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Antimony	0.464	UJ	mg/kg	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Aroclor-1254	3.9	U	µg/kg	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Aroclor-1260	3.9	U	µg/kg	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Arsenic	5.5	J	mg/kg	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Benzo(a)pyrene	39.2	U	µg/kg	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Benzo(b)fluoranthene	47.5	J	µg/kg	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Beryllium	0.66	-	mg/kg	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^L	13-Apr-06	Bromodichloromethane	1.2	U	µg/kg	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Cesium-137	0.0384	U	pCi/g	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Dibenzo(a,h)anthracene	39.2	U	µg/kg	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Dieldrin	1.6	U	µg/kg	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Fluoride	1.35	U	mg/kg	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Indeno(1,2,3-cd)pyrene	116	-	µg/kg	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Radium-226	1.05	-	pCi/g	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Radium-228	1.05	J	pCi/g	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Silver	0.06	J	mg/kg	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Technetium-99	2.02	U	pCi/g	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^L	13-Apr-06	Tetrachloroethene	1.2	U	µg/kg	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Thorium-228	1.06	J	pCi/g	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Thorium-230	0.777	J	pCi/g	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Thorium-232	1.05	J	pCi/g	482351.833	1347001.105
RLS-C10-8	RLS-C10-8^RMPS	13-Apr-06	Uranium, Total	5.78	-	mg/kg	482351.833	1347001.105
RLS-C10-9	RLS-C10-9^L	13-Apr-06	1,1-Dichloroethene	1.3	U	µg/kg	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Antimony	0.53	U	mg/kg	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Aroclor-1254	4.1	U	µg/kg	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Aroclor-1260	4.1	U	µg/kg	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Arsenic	6	J	mg/kg	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Benzo(a)pyrene	40.5	U	µg/kg	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Benzo(b)fluoranthene	48.2	J	µg/kg	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Beryllium	0.58	-	mg/kg	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^L	13-Apr-06	Bromodichloromethane	1.3	U	µg/kg	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Cesium-137	0.0359	U	pCi/g	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Dibenzo(a,h)anthracene	40.5	U	µg/kg	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Dieldrin	1.6	U	µg/kg	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Fluoride	1.18	U	mg/kg	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Indeno(1,2,3-cd)pyrene	118	-	µg/kg	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Radium-226	0.897	-	pCi/g	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Radium-228	0.89	J	pCi/g	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Silver	0.055	J	mg/kg	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Technetium-99	2.03	U	pCi/g	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^L	13-Apr-06	Tetrachloroethene	1.3	U	µg/kg	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Thorium-228	0.895	J	pCi/g	482332.418	1347045.59

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Thorium-230	0.961	J	pCi/g	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Thorium-232	0.89	J	pCi/g	482332.418	1347045.59
RLS-C10-9	RLS-C10-9^RMPS	13-Apr-06	Uranium, Total	5.44	-	mg/kg	482332.418	1347045.59
RLS-C11-11	RLS-C11-11^L	13-Apr-06	1,1-Dichloroethene	1.1	U	µg/kg	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Antimony	0.552	J	mg/kg	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Aroclor-1254	4.2	U	µg/kg	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Aroclor-1260	4.2	U	µg/kg	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Arsenic	11.2	J	mg/kg	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Benzo(a)pyrene	41.5	U	µg/kg	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Benzo(b)fluoranthene	41.5	U	µg/kg	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Beryllium	0.507	-	mg/kg	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^L	13-Apr-06	Bromodichloromethane	1.1	U	µg/kg	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Cesium-137	0.0411	U	pCi/g	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Dibenzo(a,h)anthracene	41.5	U	µg/kg	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Dieldrin	1.7	U	µg/kg	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Fluoride	1.38	U	mg/kg	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Indeno(1,2,3-cd)pyrene	41.5	U	µg/kg	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Radium-226	1.33	J	pCi/g	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Radium-228	1.04	-	pCi/g	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Technetium-99	0.847	U	pCi/g	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^L	13-Apr-06	Tetrachloroethene	1.1	U	µg/kg	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Thorium-228	1.01	-	pCi/g	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Thorium-230	2.2	J	pCi/g	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Thorium-232	1.04	-	pCi/g	482536.389	1346307.98
RLS-C11-11	RLS-C11-11^RMPS	12-Apr-06	Uranium, Total	6.74	-	mg/kg	482536.389	1346307.98
RLS-C11-12	RLS-C11-12^L	12-Apr-06	1,1-Dichloroethene	1.2	U	µg/kg	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Antimony	0.459	U	mg/kg	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Aroclor-1254	5.8	J	µg/kg	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Aroclor-1260	4.1	U	µg/kg	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Arsenic	6.29	J	mg/kg	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Benzo(a)pyrene	119	-	µg/kg	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Benzo(b)fluoranthene	99.7	J	µg/kg	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Beryllium	0.536	-	mg/kg	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^L	12-Apr-06	Bromodichloromethane	1.2	U	µg/kg	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Cesium-137	0.037	U	pCi/g	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Dibenzo(a,h)anthracene	40.7	U	µg/kg	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Dieldrin	1.6	U	µg/kg	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Fluoride	0.987	U	mg/kg	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Indeno(1,2,3-cd)pyrene	40.7	U	µg/kg	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Radium-226	1.22	J	pCi/g	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Radium-228	1.02	-	pCi/g	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Technetium-99	0.816	U	pCi/g	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^L	12-Apr-06	Tetrachloroethene	1.2	U	µg/kg	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Thorium-228	1.07	-	pCi/g	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Thorium-230	1.58	J	pCi/g	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Thorium-232	1.02	-	pCi/g	482530.373	1346333.531
RLS-C11-12	RLS-C11-12^RMPS	12-Apr-06	Uranium, Total	5.11	-	mg/kg	482530.373	1346333.531
RLS-C11-13	RLS-C11-13^L	27-Apr-06	1,1-Dichloroethene	1.1	U	µg/kg	482540.043	1346376.335

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Antimony	0.62	J	mg/kg	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Aroclor-1254	4.1	U	µg/kg	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Aroclor-1260	4.1	U	µg/kg	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Arsenic	5.7	J	mg/kg	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Benzo(a)pyrene	41	U	µg/kg	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Benzo(b)fluoranthene	41	U	µg/kg	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Beryllium	0.55	-	mg/kg	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^L	27-Apr-06	Bromodichloromethane	1.1	U	µg/kg	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Cesium-137	0.0383	U	pCi/g	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Dibenzo(a,h)anthracene	41	U	µg/kg	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Dieldrin	1.6	U	µg/kg	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Fluoride	1.5	J	mg/kg	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Indeno(1,2,3-cd)pyrene	41	U	µg/kg	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Radium-226	1.05	J	pCi/g	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Radium-228	0.985	-	pCi/g	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Technetium-99	1.76	U	pCi/g	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^L	27-Apr-06	Tetrachloroethene	1.1	U	µg/kg	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Thorium-228	0.991	-	pCi/g	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Thorium-230	0.882	J	pCi/g	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Thorium-232	0.985	-	pCi/g	482540.043	1346376.335
RLS-C11-13	RLS-C11-13^RMPS	27-Apr-06	Uranium, Total	2.39	U	mg/kg	482540.043	1346376.335
RLS-C11-14	RLS-C11-14^L	12-Apr-06	1,1-Dichloroethene	1.2	U	µg/kg	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Antimony	0.539	J	mg/kg	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Aroclor-1254	4.1	U	µg/kg	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Aroclor-1260	4.1	U	µg/kg	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Arsenic	12.8	J	mg/kg	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Benzo(a)pyrene	40.9	U	µg/kg	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Benzo(b)fluoranthene	40.9	U	µg/kg	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Beryllium	0.843	-	mg/kg	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^L	12-Apr-06	Bromodichloromethane	1.2	U	µg/kg	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Cesium-137	0.0358	U	pCi/g	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Dibenzo(a,h)anthracene	40.9	U	µg/kg	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Dieldrin	1.6	U	µg/kg	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Fluoride	1.23	U	mg/kg	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Indeno(1,2,3-cd)pyrene	40.9	U	µg/kg	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Radium-226	1.35	J	pCi/g	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Radium-228	1.11	-	pCi/g	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Technetium-99	0.845	U	pCi/g	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^L	12-Apr-06	Tetrachloroethene	1.2	U	µg/kg	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Thorium-228	1.07	-	pCi/g	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Thorium-230	2.03	J	pCi/g	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Thorium-232	1.11	-	pCi/g	482514.353	1346391.674
RLS-C11-14	RLS-C11-14^RMPS	12-Apr-06	Uranium, Total	5.91	-	mg/kg	482514.353	1346391.674
RLS-C11-16	RLS-C11-16^L	12-Apr-06	1,1-Dichloroethene	1.1	U	µg/kg	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Antimony	0.506	J	mg/kg	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Aroclor-1254	4.1	U	µg/kg	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Aroclor-1260	4.1	U	µg/kg	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Arsenic	10.9	J	mg/kg	482505.387	1346447.058

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Benzo(a)pyrene	40.5	U	µg/kg	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Benzo(b)fluoranthene	40.5	U	µg/kg	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Beryllium	0.757	-	mg/kg	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^L	12-Apr-06	Bromodichloromethane	1.1	U	µg/kg	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Cesium-137	0.0555	U	pCi/g	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Dibenzo(a,h)anthracene	40.5	U	µg/kg	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Dieldrin	1.6	U	µg/kg	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Fluoride	1.29	U	mg/kg	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Indeno(1,2,3-cd)pyrene	40.5	U	µg/kg	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Radium-226	1.12	J	pCi/g	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Radium-228	0.997	-	pCi/g	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Technetium-99	0.887	U	pCi/g	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^L	12-Apr-06	Tetrachloroethene	1.1	U	µg/kg	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Thorium-228	0.992	-	pCi/g	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Thorium-230	2.14	J	pCi/g	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Thorium-232	0.997	-	pCi/g	482505.387	1346447.058
RLS-C11-16	RLS-C11-16^RMPS	12-Apr-06	Uranium, Total	6.96	-	mg/kg	482505.387	1346447.058
RLS-C11-2	RLS-C11-2^L	27-Apr-06	1,1-Dichloroethene	1	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^L-D	27-Apr-06	1,1-Dichloroethene	1.1	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Antimony	1.2	J	mg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Antimony	0.98	J	mg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Aroclor-1254	4.1	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Aroclor-1254	4.1	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Aroclor-1260	4.1	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Aroclor-1260	4.1	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Arsenic	6.6	J	mg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Arsenic	6.5	J	mg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Benzo(a)pyrene	40.9	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Benzo(a)pyrene	41.1	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Benzo(b)fluoranthene	40.9	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Benzo(b)fluoranthene	124	J	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Beryllium	0.76	-	mg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Beryllium	0.78	-	mg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^L	27-Apr-06	Bromodichloromethane	1	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^L-D	27-Apr-06	Bromodichloromethane	1.1	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Cesium-137	0.073	U	pCi/g	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Cesium-137	0.0428	U	pCi/g	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Dibenzo(a,h)anthracene	40.9	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Dibenzo(a,h)anthracene	41.1	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Dieldrin	1.6	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Dieldrin	1.6	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Fluoride	1.99	J	mg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Fluoride	1.68	J	mg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Indeno(1,2,3-cd)pyrene	40.9	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Indeno(1,2,3-cd)pyrene	41.1	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Radium-226	1.25	J	pCi/g	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Radium-226	1.16	J	pCi/g	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Radium-228	1.25	-	pCi/g	482635.99	1345948.75

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Radium-228	1.12	-	pCi/g	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Technetium-99	1.9	U	pCi/g	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Technetium-99	1.74	U	pCi/g	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^L	27-Apr-06	Tetrachloroethene	1	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^L-D	27-Apr-06	Tetrachloroethene	1.1	U	µg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Thorium-228	1.25	-	pCi/g	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Thorium-228	1.15	-	pCi/g	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Thorium-230	1.67	J	pCi/g	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Thorium-230	1.16	J	pCi/g	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Thorium-232	1.25	-	pCi/g	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Thorium-232	1.12	-	pCi/g	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS	27-Apr-06	Uranium, Total	6.1	-	mg/kg	482635.99	1345948.75
RLS-C11-2	RLS-C11-2^RMPS-D	27-Apr-06	Uranium, Total	4.96	-	mg/kg	482635.99	1345948.75
RLS-C11-3	RLS-C11-3^L	21-Apr-06	1,1-Dichloroethene	1	U	µg/kg	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Antimony	4.95	UJ	mg/kg	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Aroclor-1254	4.1	U	µg/kg	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Aroclor-1260	4.1	U	µg/kg	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Arsenic	10.2	-	mg/kg	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Benzo(a)pyrene	40	U	µg/kg	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Benzo(b)fluoranthene	40	U	µg/kg	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Beryllium	0.89	-	mg/kg	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^L	21-Apr-06	Bromodichloromethane	1	U	µg/kg	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Cesium-137	0.0549	U	pCi/g	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Dibenzo(a,h)anthracene	40	U	µg/kg	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Dieldrin	1.7	U	µg/kg	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Fluoride	1.71	U	mg/kg	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Indeno(1,2,3-cd)pyrene	40	U	µg/kg	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Radium-226	1.09	-	pCi/g	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Radium-228	1.01	-	pCi/g	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Technetium-99	1.62	U	pCi/g	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^L	21-Apr-06	Tetrachloroethene	1	U	µg/kg	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Thorium-228	1.03	-	pCi/g	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Thorium-230	1.31	-	pCi/g	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Thorium-232	1.01	-	pCi/g	482638.571	1345992.452
RLS-C11-3	RLS-C11-3^RMPS	21-Apr-06	Uranium, Total	5.61	-	mg/kg	482638.571	1345992.452
RLS-C11-4	RLS-C11-4^L	21-Apr-06	1,1-Dichloroethene	1.1	U	µg/kg	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Antimony	4.93	UJ	mg/kg	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Aroclor-1254	4.1	U	µg/kg	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Aroclor-1260	4.1	U	µg/kg	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Arsenic	6.9	-	mg/kg	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Benzo(a)pyrene	63.3	J	µg/kg	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Benzo(b)fluoranthene	77.5	J	µg/kg	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Beryllium	0.73	-	mg/kg	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^L	21-Apr-06	Bromodichloromethane	1.1	U	µg/kg	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Cesium-137	0.0555	U	pCi/g	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Dibenzo(a,h)anthracene	40.6	U	µg/kg	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Dieldrin	1.7	U	µg/kg	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Fluoride	1.91	U	mg/kg	482620.242	1346026.917

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Indeno(1,2,3-cd)pyrene	40.6	U	µg/kg	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Radium-226	1.26	-	pCi/g	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Radium-228	1.05	-	pCi/g	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Technetium-99	1.43	U	pCi/g	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^L	21-Apr-06	Tetrachloroethene	1.1	U	µg/kg	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Thorium-228	1.03	-	pCi/g	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Thorium-230	1.29	-	pCi/g	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Thorium-232	1.05	-	pCi/g	482620.242	1346026.917
RLS-C11-4	RLS-C11-4^RMPS	21-Apr-06	Uranium, Total	2.77	J	mg/kg	482620.242	1346026.917
RLS-C11-6	RLS-C11-6^L	21-Apr-06	1,1-Dichloroethene	1	U	µg/kg	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Antimony	9.56	UJ	mg/kg	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Aroclor-1254	4	U	µg/kg	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Aroclor-1260	4	U	µg/kg	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Arsenic	6	-	mg/kg	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Benzo(a)pyrene	50.9	J	µg/kg	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Benzo(b)fluoranthene	41	U	µg/kg	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Beryllium	0.7	-	mg/kg	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^L	21-Apr-06	Bromodichloromethane	1	U	µg/kg	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Cesium-137	0.0528	U	pCi/g	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Dibenzo(a,h)anthracene	41	U	µg/kg	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Dieldrin	1.6	U	µg/kg	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Fluoride	1.31	U	mg/kg	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Indeno(1,2,3-cd)pyrene	41	U	µg/kg	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Radium-226	1.06	-	pCi/g	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Radium-228	0.99	-	pCi/g	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Technetium-99	1.35	U	pCi/g	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^L	21-Apr-06	Tetrachloroethene	1	U	µg/kg	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Thorium-228	0.955	-	pCi/g	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Thorium-230	2.24	-	pCi/g	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Thorium-232	0.99	-	pCi/g	482599.293	1346104.039
RLS-C11-6	RLS-C11-6^RMPS	21-Apr-06	Uranium, Total	6.32	-	mg/kg	482599.293	1346104.039
RLS-C11-7	RLS-C11-7^L	3-Apr-06	1,1-Dichloroethene	1	U	µg/kg	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Antimony	0.751	U	mg/kg	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Aroclor-1254	4.3	U	µg/kg	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Aroclor-1260	4.3	U	µg/kg	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Arsenic	5.15	-	mg/kg	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Benzo(a)pyrene	42.6	U	µg/kg	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Benzo(b)fluoranthene	129	-	µg/kg	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Beryllium	0.733	-	mg/kg	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^L	3-Apr-06	Bromodichloromethane	1	U	µg/kg	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Cesium-137	0.0334	U	pCi/g	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Dibenzo(a,h)anthracene	42.6	U	µg/kg	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Dieldrin	1.7	U	µg/kg	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Fluoride	2.33	J	mg/kg	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Indeno(1,2,3-cd)pyrene	42.6	U	µg/kg	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Radium-226	1.23	-	pCi/g	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Radium-228	0.924	-	pCi/g	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Technetium-99	0.84	U	pCi/g	482585.836	1346140.963

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C11-7	RLS-C11-7^L	3-Apr-06	Tetrachloroethene	1	U	µg/kg	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Thorium-228	0.904	-	pCi/g	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Thorium-230	1.54	J	pCi/g	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Thorium-232	0.924	-	pCi/g	482585.836	1346140.963
RLS-C11-7	RLS-C11-7^RMPS	3-Apr-06	Uranium, Total	5.82	-	mg/kg	482585.836	1346140.963
RLS-C11-8	RLS-C11-8^L	3-Apr-06	1,1-Dichloroethene	1.2	U	µg/kg	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Antimony	0.674	U	mg/kg	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Aroclor-1254	4.2	U	µg/kg	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Aroclor-1260	4.2	U	µg/kg	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Arsenic	7.87	-	mg/kg	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Benzo(a)pyrene	47.1	J	µg/kg	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Benzo(b)fluoranthene	131	-	µg/kg	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Beryllium	0.6	-	mg/kg	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^L	3-Apr-06	Bromodichloromethane	1.2	U	µg/kg	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Cesium-137	0.0594	U	pCi/g	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Dibenzo(a,h)anthracene	41.8	U	µg/kg	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Dieldrin	1.7	U	µg/kg	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Fluoride	2.01	J	mg/kg	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Indeno(1,2,3-cd)pyrene	41.8	U	µg/kg	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Radium-226	1.15	-	pCi/g	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Radium-228	0.996	-	pCi/g	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Technetium-99	0.771	U	pCi/g	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^L	3-Apr-06	Tetrachloroethene	1.2	U	µg/kg	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Thorium-228	1.04	-	pCi/g	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Thorium-230	3.28	J	pCi/g	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Thorium-232	0.996	-	pCi/g	482570.688	1346174.418
RLS-C11-8	RLS-C11-8^RMPS	3-Apr-06	Uranium, Total	4.25	J	mg/kg	482570.688	1346174.418
RLS-C11-9	RLS-C11-9^L	21-Apr-06	1,1-Dichloroethene	1	U	µg/kg	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Antimony	4.76	UJ	mg/kg	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Aroclor-1254	4.1	U	µg/kg	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Aroclor-1260	4.1	U	µg/kg	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Arsenic	6.1	-	mg/kg	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Benzo(a)pyrene	50.8	J	µg/kg	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Benzo(b)fluoranthene	41	U	µg/kg	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Beryllium	0.94	-	mg/kg	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^L	21-Apr-06	Bromodichloromethane	1	U	µg/kg	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Cesium-137	0.0562	U	pCi/g	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Dibenzo(a,h)anthracene	41	U	µg/kg	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Dieldrin	1.6	U	µg/kg	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Fluoride	1.66	U	mg/kg	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Indeno(1,2,3-cd)pyrene	41	U	µg/kg	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Radium-226	1.16	-	pCi/g	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Radium-228	0.907	-	pCi/g	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Technetium-99	1.46	U	pCi/g	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^L	21-Apr-06	Tetrachloroethene	1	U	µg/kg	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Thorium-228	0.878	-	pCi/g	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Thorium-230	1.2	-	pCi/g	482578.005	1346220.302
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Thorium-232	0.907	-	pCi/g	482578.005	1346220.302

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C11-9	RLS-C11-9^RMPS	21-Apr-06	Uranium, Total	4.77	J	mg/kg	482578.005	1346220.302
RLS-C12-1	RLS-C12-1^R	3-Apr-06	Radium-226	0.997	-	pCi/g	482776.765	1345570.26
RLS-C12-1	RLS-C12-1^R	3-Apr-06	Radium-228	0.871	J	pCi/g	482776.765	1345570.26
RLS-C12-1	RLS-C12-1^R	3-Apr-06	Thorium-228	0.898	J	pCi/g	482776.765	1345570.26
RLS-C12-1	RLS-C12-1^R	3-Apr-06	Thorium-232	0.871	J	pCi/g	482776.765	1345570.26
RLS-C12-1	RLS-C12-1^R	3-Apr-06	Uranium, Total	7.18	-	mg/kg	482776.765	1345570.26
RLS-C12-11	RLS-C12-11^R	3-Apr-06	Radium-226	1.43	-	pCi/g	482708.2	1345787.17
RLS-C12-11	RLS-C12-11^R	3-Apr-06	Radium-228	0.982	J	pCi/g	482708.2	1345787.17
RLS-C12-11	RLS-C12-11^R	3-Apr-06	Thorium-228	1.02	J	pCi/g	482708.2	1345787.17
RLS-C12-11	RLS-C12-11^R	3-Apr-06	Thorium-232	0.982	J	pCi/g	482708.2	1345787.17
RLS-C12-11	RLS-C12-11^R	3-Apr-06	Uranium, Total	6.61	-	mg/kg	482708.2	1345787.17
RLS-C12-12	RLS-C12-12^R	3-Apr-06	Radium-226	0.994	-	pCi/g	482702.49	1345830.75
RLS-C12-12	RLS-C12-12^R	3-Apr-06	Radium-228	0.785	J	pCi/g	482702.49	1345830.75
RLS-C12-12	RLS-C12-12^R	3-Apr-06	Thorium-228	0.775	J	pCi/g	482702.49	1345830.75
RLS-C12-12	RLS-C12-12^R	3-Apr-06	Thorium-232	0.785	J	pCi/g	482702.49	1345830.75
RLS-C12-12	RLS-C12-12^R	3-Apr-06	Uranium, Total	7.57	-	mg/kg	482702.49	1345830.75
RLS-C12-13	RLS-C12-13^R	3-Apr-06	Radium-226	0.793	-	pCi/g	482740.76	1345897.74
RLS-C12-13	RLS-C12-13^R	3-Apr-06	Radium-228	0.603	J	pCi/g	482740.76	1345897.74
RLS-C12-13	RLS-C12-13^R	3-Apr-06	Thorium-228	0.616	J	pCi/g	482740.76	1345897.74
RLS-C12-13	RLS-C12-13^R	3-Apr-06	Thorium-232	0.603	J	pCi/g	482740.76	1345897.74
RLS-C12-13	RLS-C12-13^R	3-Apr-06	Uranium, Total	4.29	-	mg/kg	482740.76	1345897.74
RLS-C12-14	RLS-C12-14^R	3-Apr-06	Radium-226	0.761	-	pCi/g	482686.04	1345864.42
RLS-C12-14	RLS-C12-14^R	3-Apr-06	Radium-228	0.853	J	pCi/g	482686.04	1345864.42
RLS-C12-14	RLS-C12-14^R	3-Apr-06	Thorium-228	0.846	J	pCi/g	482686.04	1345864.42
RLS-C12-14	RLS-C12-14^R	3-Apr-06	Thorium-232	0.853	J	pCi/g	482686.04	1345864.42
RLS-C12-14	RLS-C12-14^R	3-Apr-06	Uranium, Total	4.09	J	mg/kg	482686.04	1345864.42
RLS-C12-16	RLS-C12-16^R	3-Apr-06	Radium-226	1.11	-	pCi/g	482650.77	1345847.45
RLS-C12-16	RLS-C12-16^R	3-Apr-06	Radium-228	0.907	J	pCi/g	482650.77	1345847.45
RLS-C12-16	RLS-C12-16^R	3-Apr-06	Thorium-228	0.849	J	pCi/g	482650.77	1345847.45
RLS-C12-16	RLS-C12-16^R	3-Apr-06	Thorium-232	0.907	J	pCi/g	482650.77	1345847.45
RLS-C12-16	RLS-C12-16^R	3-Apr-06	Uranium, Total	3.73	J	mg/kg	482650.77	1345847.45
RLS-C12-3	RLS-C12-3^R	3-Apr-06	Radium-226	1.14	-	pCi/g	482745.524	1345568.611
RLS-C12-3	RLS-C12-3^R	3-Apr-06	Radium-228	0.953	J	pCi/g	482745.524	1345568.611
RLS-C12-3	RLS-C12-3^R	3-Apr-06	Thorium-228	0.923	J	pCi/g	482745.524	1345568.611
RLS-C12-3	RLS-C12-3^R	3-Apr-06	Thorium-232	0.953	J	pCi/g	482745.524	1345568.611
RLS-C12-3	RLS-C12-3^R	3-Apr-06	Uranium, Total	3.46	U	mg/kg	482745.524	1345568.611
RLS-C12-4	RLS-C12-4^R	3-Apr-06	Radium-226	1.04	-	pCi/g	482713.25	1345621.65
RLS-C12-4	RLS-C12-4^R	3-Apr-06	Radium-228	0.744	J	pCi/g	482713.25	1345621.65
RLS-C12-4	RLS-C12-4^R	3-Apr-06	Thorium-228	0.688	J	pCi/g	482713.25	1345621.65
RLS-C12-4	RLS-C12-4^R	3-Apr-06	Thorium-232	0.744	J	pCi/g	482713.25	1345621.65
RLS-C12-4	RLS-C12-4^R	3-Apr-06	Uranium, Total	7.36	-	mg/kg	482713.25	1345621.65
RLS-C12-5	RLS-C12-5^R	3-Apr-06	Radium-226	1.14	-	pCi/g	482749.23	1345681.321
RLS-C12-5	RLS-C12-5^R	3-Apr-06	Radium-228	0.864	J	pCi/g	482749.23	1345681.321
RLS-C12-5	RLS-C12-5^R	3-Apr-06	Thorium-228	0.892	J	pCi/g	482749.23	1345681.321
RLS-C12-5	RLS-C12-5^R	3-Apr-06	Thorium-232	0.864	J	pCi/g	482749.23	1345681.321
RLS-C12-5	RLS-C12-5^R	3-Apr-06	Uranium, Total	7.28	-	mg/kg	482749.23	1345681.321
RLS-C12-6	RLS-C12-6^R	3-Apr-06	Radium-226	1.11	-	pCi/g	482726.55	1345737.3
RLS-C12-6	RLS-C12-6^R	3-Apr-06	Radium-228	1.02	J	pCi/g	482726.55	1345737.3

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C12-6	RLS-C12-6^R	3-Apr-06	Thorium-228	1.09	J	pCi/g	482726.55	1345737.3
RLS-C12-6	RLS-C12-6^R	3-Apr-06	Thorium-232	1.02	J	pCi/g	482726.55	1345737.3
RLS-C12-6	RLS-C12-6^R	3-Apr-06	Uranium, Total	8.12	-	mg/kg	482726.55	1345737.3
RLS-C12-8	RLS-C12-8^R	3-Apr-06	Radium-226	1.31	-	pCi/g	482693.039	1345755.291
RLS-C12-8	RLS-C12-8^R-D	3-Apr-06	Radium-226	1.27	-	pCi/g	482693.039	1345755.291
RLS-C12-8	RLS-C12-8^R	3-Apr-06	Radium-228	1.06	J	pCi/g	482693.039	1345755.291
RLS-C12-8	RLS-C12-8^R-D	3-Apr-06	Radium-228	1.19	J	pCi/g	482693.039	1345755.291
RLS-C12-8	RLS-C12-8^R	3-Apr-06	Thorium-228	1.08	J	pCi/g	482693.039	1345755.291
RLS-C12-8	RLS-C12-8^R-D	3-Apr-06	Thorium-228	1.24	J	pCi/g	482693.039	1345755.291
RLS-C12-8	RLS-C12-8^R	3-Apr-06	Thorium-232	1.06	J	pCi/g	482693.039	1345755.291
RLS-C12-8	RLS-C12-8^R-D	3-Apr-06	Thorium-232	1.19	J	pCi/g	482693.039	1345755.291
RLS-C12-8	RLS-C12-8^R	3-Apr-06	Uranium, Total	3.25	U	mg/kg	482693.039	1345755.291
RLS-C12-8	RLS-C12-8^R-D	3-Apr-06	Uranium, Total	4.38	-	mg/kg	482693.039	1345755.291
RLS-C12-9	RLS-C12-9^R	3-Apr-06	Radium-226	0.908	-	pCi/g	482762.06	1345757.78
RLS-C12-9	RLS-C12-9^R	3-Apr-06	Radium-228	0.669	J	pCi/g	482762.06	1345757.78
RLS-C12-9	RLS-C12-9^R	3-Apr-06	Thorium-228	0.657	J	pCi/g	482762.06	1345757.78
RLS-C12-9	RLS-C12-9^R	3-Apr-06	Thorium-232	0.669	J	pCi/g	482762.06	1345757.78
RLS-C12-9	RLS-C12-9^R	3-Apr-06	Uranium, Total	7.76	-	mg/kg	482762.06	1345757.78
RLS-C13-10	RLS-C13-10^R	18-Jan-06	Radium-226	0.973	J	pCi/g	482792.259	1345351.315
RLS-C13-10	RLS-C13-10^R	18-Jan-06	Radium-228	0.691	-	pCi/g	482792.259	1345351.315
RLS-C13-10	RLS-C13-10^R	18-Jan-06	Thorium-228	0.703	-	pCi/g	482792.259	1345351.315
RLS-C13-10	RLS-C13-10^R	18-Jan-06	Thorium-232	0.691	-	pCi/g	482792.259	1345351.315
RLS-C13-10	RLS-C13-10^R	18-Jan-06	Uranium, Total	6.37	-	mg/kg	482792.259	1345351.315
RLS-C13-11	RLS-C13-11^R	18-Jan-06	Radium-226	1.12	J	pCi/g	482825.282	1345433.607
RLS-C13-11	RLS-C13-11^R	18-Jan-06	Radium-228	0.751	-	pCi/g	482825.282	1345433.607
RLS-C13-11	RLS-C13-11^R	18-Jan-06	Thorium-228	0.739	-	pCi/g	482825.282	1345433.607
RLS-C13-11	RLS-C13-11^R	18-Jan-06	Thorium-232	0.751	-	pCi/g	482825.282	1345433.607
RLS-C13-11	RLS-C13-11^R	18-Jan-06	Uranium, Total	8.63	-	mg/kg	482825.282	1345433.607
RLS-C13-12	RLS-C13-12^R	18-Jan-06	Radium-226	1.33	J	pCi/g	482756.871	1345429.168
RLS-C13-12	RLS-C13-12^R	18-Jan-06	Radium-228	1.06	-	pCi/g	482756.871	1345429.168
RLS-C13-12	RLS-C13-12^R	18-Jan-06	Thorium-228	1.1	-	pCi/g	482756.871	1345429.168
RLS-C13-12	RLS-C13-12^R	18-Jan-06	Thorium-232	1.06	-	pCi/g	482756.871	1345429.168
RLS-C13-12	RLS-C13-12^R	18-Jan-06	Uranium, Total	8.51	-	mg/kg	482756.871	1345429.168
RLS-C13-13	RLS-C13-13^R	18-Jan-06	Radium-226	0.825	J	pCi/g	482796.866	1345486.427
RLS-C13-13	RLS-C13-13^R	18-Jan-06	Radium-228	0.52	-	pCi/g	482796.866	1345486.427
RLS-C13-13	RLS-C13-13^R	18-Jan-06	Thorium-228	0.516	-	pCi/g	482796.866	1345486.427
RLS-C13-13	RLS-C13-13^R	18-Jan-06	Thorium-232	0.52	-	pCi/g	482796.866	1345486.427
RLS-C13-13	RLS-C13-13^R	18-Jan-06	Uranium, Total	3.03	J	mg/kg	482796.866	1345486.427
RLS-C13-14	RLS-C13-14^R	18-Jan-06	Radium-226	1.1	J	pCi/g	482801.058	1345533.147
RLS-C13-14	RLS-C13-14^R	18-Jan-06	Radium-228	0.718	-	pCi/g	482801.058	1345533.147
RLS-C13-14	RLS-C13-14^R	18-Jan-06	Thorium-228	0.724	-	pCi/g	482801.058	1345533.147
RLS-C13-14	RLS-C13-14^R	18-Jan-06	Thorium-232	0.718	-	pCi/g	482801.058	1345533.147
RLS-C13-14	RLS-C13-14^R	18-Jan-06	Uranium, Total	3.93	J	mg/kg	482801.058	1345533.147
RLS-C13-16	RLS-C13-16^R	18-Jan-06	Radium-226	0.944	J	pCi/g	482743.612	1345511.911
RLS-C13-16	RLS-C13-16^R	18-Jan-06	Radium-228	0.741	-	pCi/g	482743.612	1345511.911
RLS-C13-16	RLS-C13-16^R	18-Jan-06	Thorium-228	0.716	-	pCi/g	482743.612	1345511.911
RLS-C13-16	RLS-C13-16^R	18-Jan-06	Thorium-232	0.741	-	pCi/g	482743.612	1345511.911
RLS-C13-16	RLS-C13-16^R	18-Jan-06	Uranium, Total	3.75	U	mg/kg	482743.612	1345511.911

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C13-2	RLS-C13-2^R	18-Jan-06	Radium-226	1.2	J	pCi/g	482881.729	1345204.098
RLS-C13-2	RLS-C13-2^R	18-Jan-06	Radium-228	0.752	-	pCi/g	482881.729	1345204.098
RLS-C13-2	RLS-C13-2^R	18-Jan-06	Thorium-228	0.837	-	pCi/g	482881.729	1345204.098
RLS-C13-2	RLS-C13-2^R	18-Jan-06	Thorium-232	0.752	-	pCi/g	482881.729	1345204.098
RLS-C13-2	RLS-C13-2^R	18-Jan-06	Uranium, Total	7.46	J	mg/kg	482881.729	1345204.098
RLS-C13-3	RLS-C13-3^R	18-Jan-06	Radium-226	0.753	J	pCi/g	482870.24	1345143.07
RLS-C13-3	RLS-C13-3^R	18-Jan-06	Radium-228	0.475	-	pCi/g	482870.24	1345143.07
RLS-C13-3	RLS-C13-3^R	18-Jan-06	Thorium-228	0.481	-	pCi/g	482870.24	1345143.07
RLS-C13-3	RLS-C13-3^R	18-Jan-06	Thorium-232	0.475	-	pCi/g	482870.24	1345143.07
RLS-C13-3	RLS-C13-3^R	18-Jan-06	Uranium, Total	2.97	U	mg/kg	482870.24	1345143.07
RLS-C13-4	RLS-C13-4^R	18-Jan-06	Radium-226	0.707	J	pCi/g	482838.705	1345161.002
RLS-C13-4	RLS-C13-4^R-D	18-Jan-06	Radium-226	0.843	J	pCi/g	482838.705	1345161.002
RLS-C13-4	RLS-C13-4^R	18-Jan-06	Radium-228	0.597	-	pCi/g	482838.705	1345161.002
RLS-C13-4	RLS-C13-4^R-D	18-Jan-06	Radium-228	0.686	-	pCi/g	482838.705	1345161.002
RLS-C13-4	RLS-C13-4^R	18-Jan-06	Thorium-228	0.602	-	pCi/g	482838.705	1345161.002
RLS-C13-4	RLS-C13-4^R-D	18-Jan-06	Thorium-228	0.641	-	pCi/g	482838.705	1345161.002
RLS-C13-4	RLS-C13-4^R	18-Jan-06	Thorium-232	0.597	-	pCi/g	482838.705	1345161.002
RLS-C13-4	RLS-C13-4^R-D	18-Jan-06	Thorium-232	0.686	-	pCi/g	482838.705	1345161.002
RLS-C13-4	RLS-C13-4^R	18-Jan-06	Uranium, Total	3.3	U	mg/kg	482838.705	1345161.002
RLS-C13-4	RLS-C13-4^R-D	18-Jan-06	Uranium, Total	3.6	U	mg/kg	482838.705	1345161.002
RLS-C13-5	RLS-C13-5^R	18-Jan-06	Radium-226	1.14	J	pCi/g	482859.577	1345264.04
RLS-C13-5	RLS-C13-5^R	18-Jan-06	Radium-228	0.749	-	pCi/g	482859.577	1345264.04
RLS-C13-5	RLS-C13-5^R	18-Jan-06	Thorium-228	0.799	-	pCi/g	482859.577	1345264.04
RLS-C13-5	RLS-C13-5^R	18-Jan-06	Thorium-232	0.749	-	pCi/g	482859.577	1345264.04
RLS-C13-5	RLS-C13-5^R	18-Jan-06	Uranium, Total	4.7	J	mg/kg	482859.577	1345264.04
RLS-C13-6	RLS-C13-6^R	18-Jan-06	Radium-226	0.975	J	pCi/g	482857.389	1345320.941
RLS-C13-6	RLS-C13-6^R	18-Jan-06	Radium-228	0.647	-	pCi/g	482857.389	1345320.941
RLS-C13-6	RLS-C13-6^R	18-Jan-06	Thorium-228	0.673	-	pCi/g	482857.389	1345320.941
RLS-C13-6	RLS-C13-6^R	18-Jan-06	Thorium-232	0.647	-	pCi/g	482857.389	1345320.941
RLS-C13-6	RLS-C13-6^R	18-Jan-06	Uranium, Total	3.83	U	mg/kg	482857.389	1345320.941
RLS-C13-7	RLS-C13-7^R	18-Jan-06	Radium-226	0.977	J	pCi/g	482828.892	1345202.754
RLS-C13-7	RLS-C13-7^R	18-Jan-06	Radium-228	0.667	-	pCi/g	482828.892	1345202.754
RLS-C13-7	RLS-C13-7^R	18-Jan-06	Thorium-228	0.674	-	pCi/g	482828.892	1345202.754
RLS-C13-7	RLS-C13-7^R	18-Jan-06	Thorium-232	0.667	-	pCi/g	482828.892	1345202.754
RLS-C13-7	RLS-C13-7^R	18-Jan-06	Uranium, Total	2.12	U	mg/kg	482828.892	1345202.754
RLS-C14-10	RLS-C14-10^R	18-Jan-06	Radium-226	1.29	-	pCi/g	482978.107	1344965.776
RLS-C14-10	RLS-C14-10^R	18-Jan-06	Radium-228	0.968	-	pCi/g	482978.107	1344965.776
RLS-C14-10	RLS-C14-10^R	18-Jan-06	Thorium-228	0.982	J	pCi/g	482978.107	1344965.776
RLS-C14-10	RLS-C14-10^R	18-Jan-06	Thorium-232	0.968	-	pCi/g	482978.107	1344965.776
RLS-C14-10	RLS-C14-10^R	18-Jan-06	Uranium, Total	4.45	J	mg/kg	482978.107	1344965.776
RLS-C14-11	RLS-C14-11^R	18-Jan-06	Radium-226	0.587	-	pCi/g	482918.286	1344896.046
RLS-C14-11	RLS-C14-11^R-D	18-Jan-06	Radium-226	0.631	-	pCi/g	482918.286	1344896.046
RLS-C14-11	RLS-C14-11^R	18-Jan-06	Radium-228	0.385	-	pCi/g	482918.286	1344896.046
RLS-C14-11	RLS-C14-11^R-D	18-Jan-06	Radium-228	0.421	-	pCi/g	482918.286	1344896.046
RLS-C14-11	RLS-C14-11^R	18-Jan-06	Thorium-228	0.377	J	pCi/g	482918.286	1344896.046
RLS-C14-11	RLS-C14-11^R-D	18-Jan-06	Thorium-228	0.435	J	pCi/g	482918.286	1344896.046
RLS-C14-11	RLS-C14-11^R	18-Jan-06	Thorium-232	0.385	-	pCi/g	482918.286	1344896.046
RLS-C14-11	RLS-C14-11^R-D	18-Jan-06	Thorium-232	0.421	-	pCi/g	482918.286	1344896.046

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C14-11	RLS-C14-11^R	18-Jan-06	Uranium, Total	3.62	J	mg/kg	482918.286	1344896.046
RLS-C14-11	RLS-C14-11^R-D	18-Jan-06	Uranium, Total	4.57	J	mg/kg	482918.286	1344896.046
RLS-C14-12	RLS-C14-12^R	18-Jan-06	Radium-226	0.985	-	pCi/g	482935.52	1344985.638
RLS-C14-12	RLS-C14-12^R	18-Jan-06	Radium-228	0.83	-	pCi/g	482935.52	1344985.638
RLS-C14-12	RLS-C14-12^R	18-Jan-06	Thorium-228	0.793	J	pCi/g	482935.52	1344985.638
RLS-C14-12	RLS-C14-12^R	18-Jan-06	Thorium-232	0.83	-	pCi/g	482935.52	1344985.638
RLS-C14-12	RLS-C14-12^R	18-Jan-06	Uranium, Total	3.91	U	mg/kg	482935.52	1344985.638
RLS-C14-13	RLS-C14-13^R	18-Jan-06	Radium-226	1.29	-	pCi/g	482960.224	1345040.781
RLS-C14-13	RLS-C14-13^R	18-Jan-06	Radium-228	1.01	-	pCi/g	482960.224	1345040.781
RLS-C14-13	RLS-C14-13^R	18-Jan-06	Thorium-228	1.05	J	pCi/g	482960.224	1345040.781
RLS-C14-13	RLS-C14-13^R	18-Jan-06	Thorium-232	1.01	-	pCi/g	482960.224	1345040.781
RLS-C14-13	RLS-C14-13^R	18-Jan-06	Uranium, Total	5.89	J	mg/kg	482960.224	1345040.781
RLS-C14-15	RLS-C14-15^R	18-Jan-06	Radium-226	1	-	pCi/g	482891.603	1345038.888
RLS-C14-15	RLS-C14-15^R	18-Jan-06	Radium-228	0.832	-	pCi/g	482891.603	1345038.888
RLS-C14-15	RLS-C14-15^R	18-Jan-06	Thorium-228	0.849	J	pCi/g	482891.603	1345038.888
RLS-C14-15	RLS-C14-15^R	18-Jan-06	Thorium-232	0.832	-	pCi/g	482891.603	1345038.888
RLS-C14-15	RLS-C14-15^R	18-Jan-06	Uranium, Total	5.4	J	mg/kg	482891.603	1345038.888
RLS-C14-16	RLS-C14-16^R	18-Jan-06	Radium-226	1.17	-	pCi/g	482899.146	1345080.534
RLS-C14-16	RLS-C14-16^R	18-Jan-06	Radium-228	0.891	-	pCi/g	482899.146	1345080.534
RLS-C14-16	RLS-C14-16^R	18-Jan-06	Thorium-228	0.907	J	pCi/g	482899.146	1345080.534
RLS-C14-16	RLS-C14-16^R	18-Jan-06	Thorium-232	0.891	-	pCi/g	482899.146	1345080.534
RLS-C14-16	RLS-C14-16^R	18-Jan-06	Uranium, Total	6.85	J	mg/kg	482899.146	1345080.534
RLS-C14-2	RLS-C14-2^R	18-Jan-06	Radium-226	1.24	-	pCi/g	483042.949	1344724.939
RLS-C14-2	RLS-C14-2^R	18-Jan-06	Radium-228	1.35	-	pCi/g	483042.949	1344724.939
RLS-C14-2	RLS-C14-2^R	18-Jan-06	Thorium-228	1.39	J	pCi/g	483042.949	1344724.939
RLS-C14-2	RLS-C14-2^R	18-Jan-06	Thorium-232	1.35	-	pCi/g	483042.949	1344724.939
RLS-C14-2	RLS-C14-2^R	18-Jan-06	Uranium, Total	6.99	J	mg/kg	483042.949	1344724.939
RLS-C14-3	RLS-C14-3^R	18-Jan-06	Radium-226	1	-	pCi/g	482996.176	1344658.843
RLS-C14-3	RLS-C14-3^R	18-Jan-06	Radium-228	0.907	-	pCi/g	482996.176	1344658.843
RLS-C14-3	RLS-C14-3^R	18-Jan-06	Thorium-228	0.902	J	pCi/g	482996.176	1344658.843
RLS-C14-3	RLS-C14-3^R	18-Jan-06	Thorium-232	0.907	-	pCi/g	482996.176	1344658.843
RLS-C14-3	RLS-C14-3^R	18-Jan-06	Uranium, Total	6.37	J	mg/kg	482996.176	1344658.843
RLS-C14-4	RLS-C14-4^R	18-Jan-06	Radium-226	1.23	-	pCi/g	482984.627	1344760.596
RLS-C14-4	RLS-C14-4^R	18-Jan-06	Radium-228	1.01	-	pCi/g	482984.627	1344760.596
RLS-C14-4	RLS-C14-4^R	18-Jan-06	Thorium-228	1.06	J	pCi/g	482984.627	1344760.596
RLS-C14-4	RLS-C14-4^R	18-Jan-06	Thorium-232	1.01	-	pCi/g	482984.627	1344760.596
RLS-C14-4	RLS-C14-4^R	18-Jan-06	Uranium, Total	5.17	J	mg/kg	482984.627	1344760.596
RLS-C14-5	RLS-C14-5^R	18-Jan-06	Radium-226	1.06	-	pCi/g	483023.618	1344791.2
RLS-C14-5	RLS-C14-5^R	18-Jan-06	Radium-228	0.716	-	pCi/g	483023.618	1344791.2
RLS-C14-5	RLS-C14-5^R	18-Jan-06	Thorium-228	0.724	J	pCi/g	483023.618	1344791.2
RLS-C14-5	RLS-C14-5^R	18-Jan-06	Thorium-232	0.716	-	pCi/g	483023.618	1344791.2
RLS-C14-5	RLS-C14-5^R	18-Jan-06	Uranium, Total	5.05	J	mg/kg	483023.618	1344791.2
RLS-C14-6	RLS-C14-6^R	18-Jan-06	Radium-226	1.26	-	pCi/g	483003.576	1344836.862
RLS-C14-6	RLS-C14-6^R	18-Jan-06	Radium-228	1.04	-	pCi/g	483003.576	1344836.862
RLS-C14-6	RLS-C14-6^R	18-Jan-06	Thorium-228	1.06	J	pCi/g	483003.576	1344836.862
RLS-C14-6	RLS-C14-6^R	18-Jan-06	Thorium-232	1.04	-	pCi/g	483003.576	1344836.862
RLS-C14-6	RLS-C14-6^R	18-Jan-06	Uranium, Total	6.3	J	mg/kg	483003.576	1344836.862
RLS-C14-8	RLS-C14-8^R	18-Jan-06	Radium-226	1.28	-	pCi/g	482967.621	1344861.838

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C14-8	RLS-C14-8^R	18-Jan-06	Radium-228	1.02	-	pCi/g	482967.621	1344861.838
RLS-C14-8	RLS-C14-8^R	18-Jan-06	Thorium-228	1.01	J	pCi/g	482967.621	1344861.838
RLS-C14-8	RLS-C14-8^R	18-Jan-06	Thorium-232	1.02	-	pCi/g	482967.621	1344861.838
RLS-C14-8	RLS-C14-8^R	18-Jan-06	Uranium, Total	8.7	J	mg/kg	482967.621	1344861.838
RLS-C15-1	RLS-C15-1^R	18-Jan-06	Radium-226	1.53	J	pCi/g	483233.886	1344271.107
RLS-C15-1	RLS-C15-1^R	18-Jan-06	Radium-228	1.16	J	pCi/g	483233.886	1344271.107
RLS-C15-1	RLS-C15-1^R	18-Jan-06	Thorium-228	1.17	-	pCi/g	483233.886	1344271.107
RLS-C15-1	RLS-C15-1^R	18-Jan-06	Thorium-232	1.16	J	pCi/g	483233.886	1344271.107
RLS-C15-1	RLS-C15-1^R	18-Jan-06	Uranium, Total	6.34	-	mg/kg	483233.886	1344271.107
RLS-C15-10	RLS-C15-10^R	18-Jan-06	Radium-226	1.28	J	pCi/g	483095.464	1344507.036
RLS-C15-10	RLS-C15-10^R	18-Jan-06	Radium-228	1.13	J	pCi/g	483095.464	1344507.036
RLS-C15-10	RLS-C15-10^R	18-Jan-06	Thorium-228	1.12	-	pCi/g	483095.464	1344507.036
RLS-C15-10	RLS-C15-10^R	18-Jan-06	Thorium-232	1.13	J	pCi/g	483095.464	1344507.036
RLS-C15-10	RLS-C15-10^R	18-Jan-06	Uranium, Total	5.93	-	mg/kg	483095.464	1344507.036
RLS-C15-11	RLS-C15-11^R	18-Jan-06	Radium-226	1.09	J	pCi/g	483056.985	1344488.927
RLS-C15-11	RLS-C15-11^R	18-Jan-06	Radium-228	0.724	J	pCi/g	483056.985	1344488.927
RLS-C15-11	RLS-C15-11^R	18-Jan-06	Thorium-228	0.73	-	pCi/g	483056.985	1344488.927
RLS-C15-11	RLS-C15-11^R	18-Jan-06	Thorium-232	0.724	J	pCi/g	483056.985	1344488.927
RLS-C15-11	RLS-C15-11^R	18-Jan-06	Uranium, Total	5.02	-	mg/kg	483056.985	1344488.927
RLS-C15-13	RLS-C15-13^R	18-Jan-06	Radium-226	1.23	J	pCi/g	483100.716	1344572.55
RLS-C15-13	RLS-C15-13^R	18-Jan-06	Radium-228	1.19	J	pCi/g	483100.716	1344572.55
RLS-C15-13	RLS-C15-13^R	18-Jan-06	Thorium-228	1.22	-	pCi/g	483100.716	1344572.55
RLS-C15-13	RLS-C15-13^R	18-Jan-06	Thorium-232	1.19	J	pCi/g	483100.716	1344572.55
RLS-C15-13	RLS-C15-13^R	18-Jan-06	Uranium, Total	8.4	-	mg/kg	483100.716	1344572.55
RLS-C15-15	RLS-C15-15^R	18-Jan-06	Radium-226	1.27	J	pCi/g	483036.503	1344582.995
RLS-C15-15	RLS-C15-15^R	18-Jan-06	Radium-228	0.96	J	pCi/g	483036.503	1344582.995
RLS-C15-15	RLS-C15-15^R	18-Jan-06	Thorium-228	0.965	-	pCi/g	483036.503	1344582.995
RLS-C15-15	RLS-C15-15^R	18-Jan-06	Thorium-232	0.96	J	pCi/g	483036.503	1344582.995
RLS-C15-15	RLS-C15-15^R	18-Jan-06	Uranium, Total	4.36	J	mg/kg	483036.503	1344582.995
RLS-C15-16	RLS-C15-16^R	18-Jan-06	Radium-226	0.868	J	pCi/g	483001.509	1344637.025
RLS-C15-16	RLS-C15-16^R	18-Jan-06	Radium-228	0.6	J	pCi/g	483001.509	1344637.025
RLS-C15-16	RLS-C15-16^R	18-Jan-06	Thorium-228	0.605	-	pCi/g	483001.509	1344637.025
RLS-C15-16	RLS-C15-16^R	18-Jan-06	Thorium-232	0.6	J	pCi/g	483001.509	1344637.025
RLS-C15-16	RLS-C15-16^R	18-Jan-06	Uranium, Total	5.83	-	mg/kg	483001.509	1344637.025
RLS-C15-2	RLS-C15-2^R	18-Jan-06	Radium-226	1.47	J	pCi/g	483216.615	1344319.11
RLS-C15-2	RLS-C15-2^R	18-Jan-06	Radium-228	1.26	J	pCi/g	483216.615	1344319.11
RLS-C15-2	RLS-C15-2^R	18-Jan-06	Thorium-228	1.28	-	pCi/g	483216.615	1344319.11
RLS-C15-2	RLS-C15-2^R	18-Jan-06	Thorium-232	1.26	J	pCi/g	483216.615	1344319.11
RLS-C15-2	RLS-C15-2^R	18-Jan-06	Uranium, Total	5.64	-	mg/kg	483216.615	1344319.11
RLS-C15-4	RLS-C15-4^R	18-Jan-06	Radium-226	1.05	J	pCi/g	483126.499	1344320.044
RLS-C15-4	RLS-C15-4^R-D	18-Jan-06	Radium-226	0.995	J	pCi/g	483126.499	1344320.044
RLS-C15-4	RLS-C15-4^R	18-Jan-06	Radium-228	0.712	J	pCi/g	483126.499	1344320.044
RLS-C15-4	RLS-C15-4^R-D	18-Jan-06	Radium-228	0.665	J	pCi/g	483126.499	1344320.044
RLS-C15-4	RLS-C15-4^R	18-Jan-06	Thorium-228	0.712	-	pCi/g	483126.499	1344320.044
RLS-C15-4	RLS-C15-4^R-D	18-Jan-06	Thorium-228	0.637	-	pCi/g	483126.499	1344320.044
RLS-C15-4	RLS-C15-4^R	18-Jan-06	Thorium-232	0.712	J	pCi/g	483126.499	1344320.044
RLS-C15-4	RLS-C15-4^R-D	18-Jan-06	Thorium-232	0.665	J	pCi/g	483126.499	1344320.044
RLS-C15-4	RLS-C15-4^R	18-Jan-06	Uranium, Total	4.61	-	mg/kg	483126.499	1344320.044

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C15-4	RLS-C15-4^R-D	18-Jan-06	Uranium, Total	3.52	U	mg/kg	483126.499	1344320.044
RLS-C15-5	RLS-C15-5^R	18-Jan-06	Radium-226	1.87	J	pCi/g	483194.074	1344357.1
RLS-C15-5	RLS-C15-5^R	18-Jan-06	Radium-228	1.53	J	pCi/g	483194.074	1344357.1
RLS-C15-5	RLS-C15-5^R	18-Jan-06	Thorium-228	1.72	-	pCi/g	483194.074	1344357.1
RLS-C15-5	RLS-C15-5^R	18-Jan-06	Thorium-232	1.53	J	pCi/g	483194.074	1344357.1
RLS-C15-5	RLS-C15-5^R	18-Jan-06	Uranium, Total	8.71	-	mg/kg	483194.074	1344357.1
RLS-C15-6	RLS-C15-6^R	18-Jan-06	Radium-226	1.55	J	pCi/g	483142.875	1344400.162
RLS-C15-6	RLS-C15-6^R	18-Jan-06	Radium-228	1.22	J	pCi/g	483142.875	1344400.162
RLS-C15-6	RLS-C15-6^R	18-Jan-06	Thorium-228	1.2	-	pCi/g	483142.875	1344400.162
RLS-C15-6	RLS-C15-6^R	18-Jan-06	Thorium-232	1.22	J	pCi/g	483142.875	1344400.162
RLS-C15-6	RLS-C15-6^R	18-Jan-06	Uranium, Total	7.41	-	mg/kg	483142.875	1344400.162
RLS-C15-7	RLS-C15-7^R	18-Jan-06	Radium-226	1.29	J	pCi/g	483118.764	1344363.343
RLS-C15-7	RLS-C15-7^R	18-Jan-06	Radium-228	1.07	J	pCi/g	483118.764	1344363.343
RLS-C15-7	RLS-C15-7^R	18-Jan-06	Thorium-228	1.08	-	pCi/g	483118.764	1344363.343
RLS-C15-7	RLS-C15-7^R	18-Jan-06	Thorium-232	1.07	J	pCi/g	483118.764	1344363.343
RLS-C15-7	RLS-C15-7^R	18-Jan-06	Uranium, Total	6.87	-	mg/kg	483118.764	1344363.343
RLS-C15-9	RLS-C15-9^R	18-Jan-06	Radium-226	1.71	J	pCi/g	483127.935	1344442.68
RLS-C15-9	RLS-C15-9^R	18-Jan-06	Radium-228	1.33	J	pCi/g	483127.935	1344442.68
RLS-C15-9	RLS-C15-9^R	18-Jan-06	Thorium-228	1.31	-	pCi/g	483127.935	1344442.68
RLS-C15-9	RLS-C15-9^R	18-Jan-06	Thorium-232	1.33	J	pCi/g	483127.935	1344442.68
RLS-C15-9	RLS-C15-9^R	18-Jan-06	Uranium, Total	7.73	-	mg/kg	483127.935	1344442.68
RLS-C16-1	RLS-C16-1^R	16-Jan-06	Radium-226	1.22	-	pCi/g	483721.047	1343871.246
RLS-C16-1	RLS-C16-1^R	16-Jan-06	Radium-228	1.02	-	pCi/g	483721.047	1343871.246
RLS-C16-1	RLS-C16-1^R	16-Jan-06	Thorium-228	1	-	pCi/g	483721.047	1343871.246
RLS-C16-1	RLS-C16-1^R	16-Jan-06	Thorium-232	1.02	-	pCi/g	483721.047	1343871.246
RLS-C16-1	RLS-C16-1^R	16-Jan-06	Uranium, Total	5.99	-	mg/kg	483721.047	1343871.246
RLS-C16-11	RLS-C16-11^R	16-Jan-06	Radium-226	1.48	-	pCi/g	483343.903	1344169.862
RLS-C16-11	RLS-C16-11^R	16-Jan-06	Radium-228	1.28	-	pCi/g	483343.903	1344169.862
RLS-C16-11	RLS-C16-11^R	16-Jan-06	Thorium-228	1.32	-	pCi/g	483343.903	1344169.862
RLS-C16-11	RLS-C16-11^R	16-Jan-06	Thorium-232	1.28	-	pCi/g	483343.903	1344169.862
RLS-C16-11	RLS-C16-11^R	16-Jan-06	Uranium, Total	6.9	-	mg/kg	483343.903	1344169.862
RLS-C16-12	RLS-C16-12^R	18-Jan-06	Radium-226	1.17	J	pCi/g	483306.685	1344085.275
RLS-C16-12	RLS-C16-12^R	18-Jan-06	Radium-228	1.03	J	pCi/g	483306.685	1344085.275
RLS-C16-12	RLS-C16-12^R	18-Jan-06	Thorium-228	1.1	-	pCi/g	483306.685	1344085.275
RLS-C16-12	RLS-C16-12^R	18-Jan-06	Thorium-232	1.03	J	pCi/g	483306.685	1344085.275
RLS-C16-12	RLS-C16-12^R	18-Jan-06	Uranium, Total	6.84	-	mg/kg	483306.685	1344085.275
RLS-C16-13	RLS-C16-13^R	16-Jan-06	Radium-226	1.21	-	pCi/g	483275.294	1344149.57
RLS-C16-13	RLS-C16-13^R	16-Jan-06	Radium-228	1.05	-	pCi/g	483275.294	1344149.57
RLS-C16-13	RLS-C16-13^R	16-Jan-06	Thorium-228	1.09	-	pCi/g	483275.294	1344149.57
RLS-C16-13	RLS-C16-13^R	16-Jan-06	Thorium-232	1.05	-	pCi/g	483275.294	1344149.57
RLS-C16-13	RLS-C16-13^R	16-Jan-06	Uranium, Total	6.16	-	mg/kg	483275.294	1344149.57
RLS-C16-14	RLS-C16-14^R	16-Jan-06	Radium-226	1.3	-	pCi/g	483295.527	1344215.293
RLS-C16-14	RLS-C16-14^R-D	16-Jan-06	Radium-226	1.31	-	pCi/g	483295.527	1344215.293
RLS-C16-14	RLS-C16-14^R	16-Jan-06	Radium-228	1.19	-	pCi/g	483295.527	1344215.293
RLS-C16-14	RLS-C16-14^R-D	16-Jan-06	Radium-228	1.13	-	pCi/g	483295.527	1344215.293
RLS-C16-14	RLS-C16-14^R	16-Jan-06	Thorium-228	1.19	-	pCi/g	483295.527	1344215.293
RLS-C16-14	RLS-C16-14^R-D	16-Jan-06	Thorium-228	1.11	-	pCi/g	483295.527	1344215.293
RLS-C16-14	RLS-C16-14^R	16-Jan-06	Thorium-232	1.19	-	pCi/g	483295.527	1344215.293

ATTACHMENT D.1
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL LINE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
RLS-C16-14	RLS-C16-14^R-D	16-Jan-06	Thorium-232	1.13	-	pCi/g	483295.527	1344215.293
RLS-C16-14	RLS-C16-14^R	16-Jan-06	Uranium, Total	6.25	-	mg/kg	483295.527	1344215.293
RLS-C16-14	RLS-C16-14^R-D	16-Jan-06	Uranium, Total	6.73	-	mg/kg	483295.527	1344215.293
RLS-C16-15	RLS-C16-15^R	16-Jan-06	Radium-226	1.25	-	pCi/g	483249.299	1344198.911
RLS-C16-15	RLS-C16-15^R	16-Jan-06	Radium-228	1.03	-	pCi/g	483249.299	1344198.911
RLS-C16-15	RLS-C16-15^R	16-Jan-06	Thorium-228	1.03	-	pCi/g	483249.299	1344198.911
RLS-C16-15	RLS-C16-15^R	16-Jan-06	Thorium-232	1.03	-	pCi/g	483249.299	1344198.911
RLS-C16-15	RLS-C16-15^R	16-Jan-06	Uranium, Total	6.72	-	mg/kg	483249.299	1344198.911
RLS-C16-2	RLS-C16-2^R	16-Jan-06	Radium-226	1.33	-	pCi/g	483624.363	1343917.848
RLS-C16-2	RLS-C16-2^R	16-Jan-06	Radium-228	1.16	-	pCi/g	483624.363	1343917.848
RLS-C16-2	RLS-C16-2^R	16-Jan-06	Thorium-228	1.16	-	pCi/g	483624.363	1343917.848
RLS-C16-2	RLS-C16-2^R	16-Jan-06	Thorium-232	1.16	-	pCi/g	483624.363	1343917.848
RLS-C16-2	RLS-C16-2^R	16-Jan-06	Uranium, Total	6.71	-	mg/kg	483624.363	1343917.848
RLS-C16-3	RLS-C16-3^R	16-Jan-06	Radium-226	1.66	-	pCi/g	483555.721	1343981.272
RLS-C16-3	RLS-C16-3^R	16-Jan-06	Radium-228	1.23	-	pCi/g	483555.721	1343981.272
RLS-C16-3	RLS-C16-3^R	16-Jan-06	Thorium-228	1.27	-	pCi/g	483555.721	1343981.272
RLS-C16-3	RLS-C16-3^R	16-Jan-06	Thorium-232	1.23	-	pCi/g	483555.721	1343981.272
RLS-C16-3	RLS-C16-3^R	16-Jan-06	Uranium, Total	5.78	-	mg/kg	483555.721	1343981.272
RLS-C16-5	RLS-C16-5^R	16-Jan-06	Radium-226	1.3	-	pCi/g	483484.539	1344032.558
RLS-C16-5	RLS-C16-5^R	16-Jan-06	Radium-228	1.04	-	pCi/g	483484.539	1344032.558
RLS-C16-5	RLS-C16-5^R	16-Jan-06	Thorium-228	1.01	-	pCi/g	483484.539	1344032.558
RLS-C16-5	RLS-C16-5^R	16-Jan-06	Thorium-232	1.04	-	pCi/g	483484.539	1344032.558
RLS-C16-5	RLS-C16-5^R	16-Jan-06	Uranium, Total	5.18	-	mg/kg	483484.539	1344032.558
RLS-C16-6	RLS-C16-6^R	16-Jan-06	Radium-226	1.28	-	pCi/g	483452.542	1344018.325
RLS-C16-6	RLS-C16-6^R	16-Jan-06	Radium-228	1.1	-	pCi/g	483452.542	1344018.325
RLS-C16-6	RLS-C16-6^R	16-Jan-06	Thorium-228	1.08	-	pCi/g	483452.542	1344018.325
RLS-C16-6	RLS-C16-6^R	16-Jan-06	Thorium-232	1.1	-	pCi/g	483452.542	1344018.325
RLS-C16-6	RLS-C16-6^R	16-Jan-06	Uranium, Total	4.25	-	mg/kg	483452.542	1344018.325
RLS-C16-8	RLS-C16-8^R	16-Jan-06	Radium-226	1.19	-	pCi/g	483415.996	1344101.021
RLS-C16-8	RLS-C16-8^R	16-Jan-06	Radium-228	1.01	-	pCi/g	483415.996	1344101.021
RLS-C16-8	RLS-C16-8^R	16-Jan-06	Thorium-228	0.99	-	pCi/g	483415.996	1344101.021
RLS-C16-8	RLS-C16-8^R	16-Jan-06	Thorium-232	1.01	-	pCi/g	483415.996	1344101.021
RLS-C16-8	RLS-C16-8^R	16-Jan-06	Uranium, Total	3.85	-	mg/kg	483415.996	1344101.021
RLS-C16-9	RLS-C16-9^R	16-Jan-06	Radium-226	1.28	-	pCi/g	483371.333	1344069.563
RLS-C16-9	RLS-C16-9^R	16-Jan-06	Radium-228	1.07	-	pCi/g	483371.333	1344069.563
RLS-C16-9	RLS-C16-9^R	16-Jan-06	Thorium-228	1.09	-	pCi/g	483371.333	1344069.563
RLS-C16-9	RLS-C16-9^R	16-Jan-06	Thorium-232	1.07	-	pCi/g	483371.333	1344069.563
RLS-C16-9	RLS-C16-9^R	16-Jan-06	Uranium, Total	5.45	-	mg/kg	483371.333	1344069.563

ATTACHMENT D.2

PRECERTIFICATION DATAOF SOIL UNDERNEATH THE RAIL TRESTLE

ATTACHMENT D.2
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL TRESTLE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
A6-UT-1	A6-UT-1^L	7-Sep-06	1,1-Dichloroethene	1.2	U	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^L	7-Sep-06	Bromodichloromethane	1.2	U	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^L	7-Sep-06	Tetrachloroethene	1.2	UJ	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Antimony	0.688	U	mg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Aroclor-1254	18.5	U	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Aroclor-1260	18.5	U	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Arsenic	10.4	-	mg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Benzo(a)anthracene	1160	J	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Benzo(a)pyrene	1200	J	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Benzo(b)fluoranthene	4430	J	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Benzo(g,h,i)perylene	955	-	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Benzo(k)fluoranthene	37	U	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Beryllium	0.728	-	mg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Cadmium	0.296	J	mg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Cesium-137	0.0622	J	pCi/g	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Chrysene	3790	J	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Dibenzo(a,h)anthracene	37	U	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Dieldrin	29.6	U	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Fluoranthene	3350	J	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Fluoride	2.47	J	mg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Indeno(1,2,3-cd)pyrene	1030	J	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Phenanthrene	880	J	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Pyrene	3680	J	µg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Radium-226	1.0216	-	pCi/g	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Radium-228	0.725	-	pCi/g	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Silver	0.147	U	mg/kg	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Technetium-99	0.858	U	pCi/g	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Thorium-228	0.697	-	pCi/g	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Thorium-230	1.27	-	pCi/g	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Thorium-232	0.725	-	pCi/g	482668.039	1345859.67
A6-UT-1	A6-UT-1^RMPS	7-Sep-06	Uranium, Total	2.68	U	mg/kg	482668.039	1345859.67
A6-UT-2	A6-UT-2^L	7-Sep-06	1,1-Dichloroethene	1	U	µg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^L	7-Sep-06	Bromodichloromethane	1	U	µg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^L	7-Sep-06	Tetrachloroethene	1	UJ	µg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Antimony	0.467	U	mg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Aroclor-1254	26.8	-	µg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Aroclor-1260	19	U	µg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Arsenic	5.16	-	mg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Benzo(a)anthracene	2030	J	µg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Benzo(a)pyrene	1740	J	µg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Benzo(b)fluoranthene	6340	J	µg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Benzo(g,h,i)perylene	1280	-	µg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Benzo(k)fluoranthene	38	U	µg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Beryllium	0.749	-	mg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Cadmium	0.357	J	mg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Cesium-137	0.091	U	pCi/g	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Chrysene	5310	J	µg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Dibenzo(a,h)anthracene	38	U	µg/kg	482666.748	1345870.301

ATTACHMENT D.2
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL TRESTLE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Dieldrin	30.4	U	µg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Fluoranthene	5890	J	µg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Fluoride	1.2	J	mg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Indeno(1,2,3-cd)pyrene	1370	J	µg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Phenanthrene	1130	J	µg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Pyrene	7150	J	µg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Radium-226	0.9416	-	pCi/g	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Radium-228	0.813	-	pCi/g	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Silver	0.148	U	mg/kg	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Technetium-99	0.882	U	pCi/g	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Thorium-228	0.842	-	pCi/g	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Thorium-230	0.973	-	pCi/g	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Thorium-232	0.813	-	pCi/g	482666.748	1345870.301
A6-UT-2	A6-UT-2^RMPS	7-Sep-06	Uranium, Total	2.87	U	mg/kg	482666.748	1345870.301
A6-UT-3	A6-UT-3^L	7-Sep-06	1,1-Dichloroethene	1.1	U	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^L	7-Sep-06	Bromodichloromethane	1.1	U	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^L	7-Sep-06	Tetrachloroethene	1.1	UJ	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Antimony	0.688	U	mg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Aroclor-1254	17.2	U	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Aroclor-1260	17.2	U	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Arsenic	4.97	-	mg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Benzo(a)anthracene	3420	J	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Benzo(a)pyrene	2330	J	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Benzo(b)fluoranthene	7330	-	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Benzo(g,h,i)perylene	1580	-	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Benzo(k)fluoranthene	34.3	U	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Beryllium	0.604	-	mg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Cadmium	0.193	J	mg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Cesium-137	0.066	J	pCi/g	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Chrysene	4980	J	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Dibenzo(a,h)anthracene	34.3	U	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Dieldrin	27.5	U	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Fluoranthene	6270	J	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Fluoride	2.41	J	mg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Indeno(1,2,3-cd)pyrene	1660	J	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Phenanthrene	1150	J	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Pyrene	7780	J	µg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Radium-226	1.1848	-	pCi/g	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Radium-228	0.952	-	pCi/g	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Silver	0.142	U	mg/kg	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Technetium-99	0.817	U	pCi/g	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Thorium-228	1.01	-	pCi/g	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Thorium-230	1.18	-	pCi/g	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Thorium-232	0.952	-	pCi/g	482661.558	1345870.36
A6-UT-3	A6-UT-3^RMPS	7-Sep-06	Uranium, Total	3.44	U	mg/kg	482661.558	1345870.36
A6-UT-4	A6-UT-4^L	7-Sep-06	1,1-Dichloroethene	1.1	U	µg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^L	7-Sep-06	Bromodichloromethane	1.1	U	µg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^L	7-Sep-06	Tetrachloroethene	1.1	UJ	µg/kg	482673.87	1345864.099

ATTACHMENT D.2
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL TRESTLE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Antimony	0.462	U	mg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Aroclor-1254	34.4	-	µg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Aroclor-1260	19	U	µg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Arsenic	5.95	-	mg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Benzo(a)anthracene	672	J	µg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Benzo(a)pyrene	790	J	µg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Benzo(b)fluoranthene	2780	J	µg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Benzo(g,h,i)perylene	562	-	µg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Benzo(k)fluoranthene	37.9	U	µg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Beryllium	0.798	-	mg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Cadmium	0.287	J	mg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Cesium-137	0.0615	U	pCi/g	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Chrysene	2200	J	µg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Dibenzo(a,h)anthracene	37.9	U	µg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Dieldrin	30.3	U	µg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Fluoranthene	2470	J	µg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Fluoride	2.19	J	mg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Indeno(1,2,3-cd)pyrene	592	J	µg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Phenanthrene	528	J	µg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Pyrene	2260	J	µg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Radium-226	1.0901	-	pCi/g	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Radium-228	0.994	-	pCi/g	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Silver	0.147	U	mg/kg	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Technetium-99	0.797	U	pCi/g	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Thorium-228	0.998	-	pCi/g	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Thorium-230	1.18	-	pCi/g	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Thorium-232	0.994	-	pCi/g	482673.87	1345864.099
A6-UT-4	A6-UT-4^RMPS	7-Sep-06	Uranium, Total	3.37	U	mg/kg	482673.87	1345864.099
A6-UT-5	A6-UT-5^L	7-Sep-06	1,1-Dichloroethene	1.3	U	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^L	7-Sep-06	Bromodichloromethane	1.3	U	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^L	7-Sep-06	Tetrachloroethene	1.3	UJ	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Antimony	0.795	U	mg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Aroclor-1254	17.5	U	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Aroclor-1260	17.5	U	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Arsenic	7.99	-	mg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Benzo(a)anthracene	594	J	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Benzo(a)pyrene	572	J	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Benzo(b)fluoranthene	2050	J	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Benzo(g,h,i)perylene	502	-	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Benzo(k)fluoranthene	35	U	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Beryllium	0.873	-	mg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Cadmium	0.301	J	mg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Cesium-137	0.0712	U	pCi/g	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Chrysene	1990	J	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Dibenzo(a,h)anthracene	35	U	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Dieldrin	28	U	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Fluoranthene	2300	J	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Fluoride	2.37	J	mg/kg	482665.151	1345867.521

ATTACHMENT D.2
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL TRESTLE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Indeno(1,2,3-cd)pyrene	497	J	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Phenanthrene	636	J	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Pyrene	2030	J	µg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Radium-226	1.0374	-	pCi/g	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Radium-228	0.855	-	pCi/g	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Silver	0.137	U	mg/kg	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Technetium-99	0.83	U	pCi/g	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Thorium-228	0.883	-	pCi/g	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Thorium-230	1.08	-	pCi/g	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Thorium-232	0.855	-	pCi/g	482665.151	1345867.521
A6-UT-5	A6-UT-5^RMPS	7-Sep-06	Uranium, Total	3.73	U	mg/kg	482665.151	1345867.521
A6-UT-6	A6-UT-6^L	7-Sep-06	1,1-Dichloroethene	1.1	U	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^L	7-Sep-06	Bromodichloromethane	1.1	U	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^L	7-Sep-06	Tetrachloroethene	1.1	UJ	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Antimony	0.632	J	mg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Aroclor-1254	19.3	U	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Aroclor-1260	19.3	U	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Arsenic	6.59	-	mg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Benzo(a)anthracene	1020	J	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Benzo(a)pyrene	798	J	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Benzo(b)fluoranthene	3510	J	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Benzo(g,h,i)perylene	749	-	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Benzo(k)fluoranthene	38.7	U	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Beryllium	0.747	-	mg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Cadmium	0.318	J	mg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Cesium-137	0.19	-	pCi/g	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Chrysene	2690	J	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Dibenzo(a,h)anthracene	38.7	U	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Dieldrin	30.9	U	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Fluoranthene	3730	J	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Fluoride	1	J	mg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Indeno(1,2,3-cd)pyrene	788	J	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Phenanthrene	576	J	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Pyrene	4020	J	µg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Radium-226	1.0479	-	pCi/g	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Radium-228	0.903	-	pCi/g	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Silver	0.139	U	mg/kg	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Technetium-99	0.919	U	pCi/g	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Thorium-228	0.892	-	pCi/g	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Thorium-230	1.13	-	pCi/g	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Thorium-232	0.903	-	pCi/g	482657.623	1345866.248
A6-UT-6	A6-UT-6^RMPS	7-Sep-06	Uranium, Total	4.77	J	mg/kg	482657.623	1345866.248
A6-UT-7	A6-UT-7^L	7-Sep-06	1,1-Dichloroethene	1.3	U	µg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^L	7-Sep-06	Bromodichloromethane	1.3	U	µg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^L	7-Sep-06	Tetrachloroethene	1.3	UJ	µg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Antimony	0.422	U	mg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Aroclor-1254	21.9	J	µg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Aroclor-1260	28.6	J	µg/kg	482648.045	1345917.839

ATTACHMENT D.2
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL TRESTLE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Arsenic	4.37	-	mg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Benzo(a)anthracene	3310	J	µg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Benzo(a)pyrene	2280	J	µg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Benzo(b)fluoranthene	8290	J	µg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Benzo(g,h,i)perylene	1580	-	µg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Benzo(k)fluoranthene	34.2	U	µg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Beryllium	0.448	-	mg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Cadmium	0.19	J	mg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Cesium-137	0.0564	U	pCi/g	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Chrysene	7710	J	µg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Dibenzo(a,h)anthracene	34.2	U	µg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Dieldrin	27.3	U	µg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Fluoranthene	16400	J	µg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Fluoride	0.85	J	mg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Indeno(1,2,3-cd)pyrene	1700	J	µg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Phenanthrene	9410	J	µg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Pyrene	14200	J	µg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Radium-226	0.6194	-	pCi/g	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Radium-228	0.637	-	pCi/g	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Silver	0.134	U	mg/kg	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Technetium-99	0.81	U	pCi/g	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Thorium-228	0.673	-	pCi/g	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Thorium-230	0.878	-	pCi/g	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Thorium-232	0.637	-	pCi/g	482648.045	1345917.839
A6-UT-7	A6-UT-7^RMPS	7-Sep-06	Uranium, Total	3.04	U	mg/kg	482648.045	1345917.839
A6-UT-8	A6-UT-8^L	7-Sep-06	1,1-Dichloroethene	1.1	U	µg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^L	7-Sep-06	Bromodichloromethane	1.1	U	µg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^L	7-Sep-06	Tetrachloroethene	1.1	UJ	µg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Antimony	0.482	U	mg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Aroclor-1254	17.9	U	µg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Aroclor-1260	17.9	U	µg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Arsenic	5.62	-	mg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Benzo(a)anthracene	6540	J	µg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Benzo(a)pyrene	4830	J	µg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Benzo(b)fluoranthene	17300	J	µg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Benzo(g,h,i)perylene	3390	-	µg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Benzo(k)fluoranthene	35.8	U	µg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Beryllium	0.565	-	mg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Cadmium	0.311	J	mg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Cesium-137	0.242	-	pCi/g	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Chrysene	15000	J	µg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Dibenzo(a,h)anthracene	35.8	U	µg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Dieldrin	28.6	U	µg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Fluoranthene	22600	J	µg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Fluoride	0.627	J	mg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Indeno(1,2,3-cd)pyrene	3610	-	µg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Phenanthrene	5450	J	µg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Pyrene	23000	J	µg/kg	482651.178	1345926.713

ATTACHMENT D.2
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL TRESTLE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Radium-226	0.8742	-	pCi/g	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Radium-228	0.55	-	pCi/g	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Silver	0.136	U	mg/kg	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Technetium-99	0.77	U	pCi/g	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Thorium-228	0.54	-	pCi/g	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Thorium-230	1.5	-	pCi/g	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Thorium-232	0.55	-	pCi/g	482651.178	1345926.713
A6-UT-8	A6-UT-8^RMPS	7-Sep-06	Uranium, Total	2.61	U	mg/kg	482651.178	1345926.713
A6-UT-9	A6-UT-9^L	7-Sep-06	1,1-Dichloroethene	1.1	U	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^L	7-Sep-06	Bromodichloromethane	1.1	U	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^L	7-Sep-06	Tetrachloroethene	1.1	UJ	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Antimony	0.406	U	mg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Aroclor-1254	17.4	U	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Aroclor-1260	17.4	U	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Arsenic	5.04	-	mg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Benzo(a)anthracene	3030	J	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Benzo(a)pyrene	3140	J	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Benzo(b)fluoranthene	12800	J	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Benzo(g,h,i)perylene	2480	-	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Benzo(k)fluoranthene	34.8	U	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Beryllium	0.347	-	mg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Cadmium	0.295	J	mg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Cesium-137	0.184	-	pCi/g	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Chrysene	9470	J	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Dibenzo(a,h)anthracene	34.8	U	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Dieldrin	27.9	U	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Fluoranthene	12600	J	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Fluoride	0.449	J	mg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Indeno(1,2,3-cd)pyrene	2690	-	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Phenanthrene	2910	J	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Pyrene	12100	J	µg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Radium-226	0.7752	-	pCi/g	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Radium-228	0.478	-	pCi/g	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Silver	0.129	U	mg/kg	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Technetium-99	8.16	-	pCi/g	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Thorium-228	0.492	-	pCi/g	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Thorium-230	1.23	-	pCi/g	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Thorium-232	0.478	-	pCi/g	482642.886	1345925.83
A6-UT-9	A6-UT-9^RMPS	7-Sep-06	Uranium, Total	2.42	U	mg/kg	482642.886	1345925.83
A6-UT-10	A6-UT-10^L	7-Sep-06	1,1-Dichloroethene	1.2	U	µg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^L	7-Sep-06	Bromodichloromethane	1.2	U	µg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^L	7-Sep-06	Tetrachloroethene	1.2	UJ	µg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Antimony	0.449	U	mg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Aroclor-1254	17.9	U	µg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Aroclor-1260	17.9	U	µg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Arsenic	5.39	-	mg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Benzo(a)anthracene	573	J	µg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Benzo(a)pyrene	552	J	µg/kg	482638.814	1345934.009

ATTACHMENT D.2
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL TRESTLE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Benzo(b)fluoranthene	2620	J	µg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Benzo(g,h,i)perylene	508	-	µg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Benzo(k)fluoranthene	35.7	U	µg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Beryllium	0.459	-	mg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Cadmium	0.38	J	mg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Cesium-137	0.0579	U	pCi/g	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Chrysene	2530	J	µg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Dibenzo(a,h)anthracene	35.7	U	µg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Dieldrin	28.6	U	µg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Fluoranthene	4070	J	µg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Fluoride	0.609	J	mg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Indeno(1,2,3-cd)pyrene	561	J	µg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Phenanthrene	1470	J	µg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Pyrene	4130	J	µg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Radium-226	0.6762	-	pCi/g	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Radium-228	0.515	-	pCi/g	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Silver	0.143	U	mg/kg	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Technetium-99	0.785	U	pCi/g	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Thorium-228	0.513	-	pCi/g	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Thorium-230	0.994	-	pCi/g	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Thorium-232	0.515	-	pCi/g	482638.814	1345934.009
A6-UT-10	A6-UT-10^RMPS	7-Sep-06	Uranium, Total	3.67	J	mg/kg	482638.814	1345934.009
A6-UT-11	A6-UT-11^L	7-Sep-06	1,1-Dichloroethene	1.5	U	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^L	7-Sep-06	Bromodichloromethane	1.5	U	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^L	7-Sep-06	Tetrachloroethene	1.5	UJ	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Antimony	0.699	U	mg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Aroclor-1254	20	-	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Aroclor-1260	17	U	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Arsenic	11	-	mg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Benzo(a)anthracene	4730	J	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Benzo(a)pyrene	3420	J	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Benzo(b)fluoranthene	21700	J	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Benzo(g,h,i)perylene	2810	-	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Benzo(k)fluoranthene	34	U	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Beryllium	0.603	-	mg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Cadmium	0.345	J	mg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Cesium-137	0.232	-	pCi/g	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Chrysene	23000	J	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Dibenzo(a,h)anthracene	34	U	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Dieldrin	27.2	U	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Fluoranthene	30600	J	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Fluoride	0.903	J	mg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Indeno(1,2,3-cd)pyrene	3240	-	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Phenanthrene	8410	J	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Pyrene	24900	J	µg/kg	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Radium-226	0.8447	-	pCi/g	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Radium-228	0.681	-	pCi/g	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Silver	0.125	U	mg/kg	482642.631	1345935.567

ATTACHMENT D.2
PRECERTIFICATION DATA OF SOIL UNDERNEATH THE RAIL TRESTLE

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Technetium-99	1.07	-	pCi/g	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Thorium-228	0.696	-	pCi/g	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Thorium-230	1.87	-	pCi/g	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Thorium-232	0.681	-	pCi/g	482642.631	1345935.567
A6-UT-11	A6-UT-11^RMPS	7-Sep-06	Uranium, Total	10.9	-	mg/kg	482642.631	1345935.567
A6-UT-12	A6-UT-12^L	7-Sep-06	1,1-Dichloroethene	1.5	U	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^L	7-Sep-06	Bromodichloromethane	1.5	U	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^L	7-Sep-06	Tetrachloroethene	1.5	UJ	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Antimony	1.01	U	mg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Aroclor-1254	17.7	U	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Aroclor-1260	17.7	U	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Arsenic	8.57	-	mg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Benzo(a)anthracene	5810	J	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Benzo(a)pyrene	4240	J	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Benzo(b)fluoranthene	25900	J	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Benzo(g,h,i)perylene	3220	-	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Benzo(k)fluoranthene	21500	J	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Beryllium	1.04	-	mg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Cadmium	0.684	J	mg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Cesium-137	0.284	-	pCi/g	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Chrysene	26700	J	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Dibenzo(a,h)anthracene	817	-	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Dieldrin	28.4	U	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Fluoranthene	35700	J	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Fluoride	0.673	J	mg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Indeno(1,2,3-cd)pyrene	3720	-	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Phenanthrene	10000	J	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Pyrene	32500	J	µg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Radium-226	0.9795	-	pCi/g	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Radium-228	0.647	-	pCi/g	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Silver	0.118	U	mg/kg	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Technetium-99	0.817	U	pCi/g	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Thorium-228	0.645	-	pCi/g	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Thorium-230	2.66	-	pCi/g	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Thorium-232	0.647	-	pCi/g	482655.63	1345935.57
A6-UT-12	A6-UT-12^RMPS	7-Sep-06	Uranium, Total	11	-	mg/kg	482655.63	1345935.57

ATTACHMENT D.3

PRECERTIFICATION DATA OF THE BALLAST

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-2	BLST-2^2-RMPS	6-Jul-06	Antimony	0.808	U	mg/kg	480997.717	1348017.411
BLST-2	BLST-2^2-RMPS	6-Jul-06	Cadmium	0.411	J	mg/kg	480997.717	1348017.411
BLST-2	BLST-2^2-RMPS	6-Jul-06	Lead-210	0.817	J	pCi/g	480997.717	1348017.411
BLST-2	BLST-2^2-RMPS	6-Jul-06	Radium-226	0.764	-	pCi/g	480997.717	1348017.411
BLST-2	BLST-2^2-RMPS	6-Jul-06	Radium-228	0.565	-	pCi/g	480997.717	1348017.411
BLST-2	BLST-2^2-RMPS	6-Jul-06	Technetium-99	2.08	U	pCi/g	480997.717	1348017.411
BLST-2	BLST-2^2-RMPS	6-Jul-06	Thorium-228	0.64	-	pCi/g	480997.717	1348017.411
BLST-2	BLST-2^2-RMPS	6-Jul-06	Thorium-230	2.09	-	pCi/g	480997.717	1348017.411
BLST-2	BLST-2^2-RMPS	6-Jul-06	Thorium-232	0.565	-	pCi/g	480997.717	1348017.411
BLST-2	BLST-2^2-RMPS	6-Jul-06	Uranium, Total	4.67	-	mg/kg	480997.717	1348017.411
BLST-3	BLST-3^2-RMPS	6-Jul-06	Antimony	0.802	U	mg/kg	481087.951	1348051.4
BLST-3	BLST-3^2-RMPS	6-Jul-06	Cadmium	1.63	-	mg/kg	481087.951	1348051.4
BLST-3	BLST-3^2-RMPS	6-Jul-06	Lead-210	0.557	U	pCi/g	481087.951	1348051.4
BLST-3	BLST-3^2-RMPS	6-Jul-06	Radium-226	1.04	-	pCi/g	481087.951	1348051.4
BLST-3	BLST-3^2-RMPS	6-Jul-06	Radium-228	0.76	-	pCi/g	481087.951	1348051.4
BLST-3	BLST-3^2-RMPS	6-Jul-06	Technetium-99	2.27	U	pCi/g	481087.951	1348051.4
BLST-3	BLST-3^2-RMPS	6-Jul-06	Thorium-228	0.759	-	pCi/g	481087.951	1348051.4
BLST-3	BLST-3^2-RMPS	6-Jul-06	Thorium-230	1.74	J	pCi/g	481087.951	1348051.4
BLST-3	BLST-3^2-RMPS	6-Jul-06	Thorium-232	0.76	-	pCi/g	481087.951	1348051.4
BLST-3	BLST-3^2-RMPS	6-Jul-06	Uranium, Total	5.58	-	mg/kg	481087.951	1348051.4
BLST-4	BLST-4^2-RMPS	5-Jul-06	Antimony	0.897	U	mg/kg	481214.768	1348069.959
BLST-4	BLST-4^2-RMPS	5-Jul-06	Cadmium	1.3	-	mg/kg	481214.768	1348069.959
BLST-4	BLST-4^2-RMPS	5-Jul-06	Lead-210	0.716	U	pCi/g	481214.768	1348069.959
BLST-4	BLST-4^2-RMPS	5-Jul-06	Radium-226	1.77	-	pCi/g	481214.768	1348069.959
BLST-4	BLST-4^2-RMPS	5-Jul-06	Radium-228	0.992	-	pCi/g	481214.768	1348069.959
BLST-4	BLST-4^2-RMPS	5-Jul-06	Technetium-99	2.14	U	pCi/g	481214.768	1348069.959
BLST-4	BLST-4^2-RMPS	5-Jul-06	Thorium-228	1	-	pCi/g	481214.768	1348069.959
BLST-4	BLST-4^2-RMPS	5-Jul-06	Thorium-230	1.94	J	pCi/g	481214.768	1348069.959
BLST-4	BLST-4^2-RMPS	5-Jul-06	Thorium-232	0.992	-	pCi/g	481214.768	1348069.959
BLST-4	BLST-4^2-RMPS	5-Jul-06	Uranium, Total	10	-	mg/kg	481214.768	1348069.959
BLST-5	BLST-5^2-RMPS	5-Jul-06	Antimony	0.855	U	mg/kg	481277.608	1348049.46
BLST-5	BLST-5^2-RMPS	5-Jul-06	Cadmium	1.02	-	mg/kg	481277.608	1348049.46
BLST-5	BLST-5^2-RMPS	5-Jul-06	Lead-210	0.747	U	pCi/g	481277.608	1348049.46
BLST-5	BLST-5^2-RMPS	5-Jul-06	Radium-226	1.63	-	pCi/g	481277.608	1348049.46
BLST-5	BLST-5^2-RMPS	5-Jul-06	Radium-228	0.891	-	pCi/g	481277.608	1348049.46
BLST-5	BLST-5^2-RMPS	5-Jul-06	Technetium-99	0.899	U	pCi/g	481277.608	1348049.46
BLST-5	BLST-5^2-RMPS	5-Jul-06	Thorium-228	0.929	-	pCi/g	481277.608	1348049.46
BLST-5	BLST-5^2-RMPS	5-Jul-06	Thorium-230	2.36	J	pCi/g	481277.608	1348049.46
BLST-5	BLST-5^2-RMPS	5-Jul-06	Thorium-232	0.891	-	pCi/g	481277.608	1348049.46
BLST-5	BLST-5^2-RMPS	5-Jul-06	Uranium, Total	8.93	-	mg/kg	481277.608	1348049.46
BLST-6	BLST-6^2-RMPS	5-Jul-06	Antimony	0.933	U	mg/kg	481349.14	1348051.017
BLST-6	BLST-6^2-RMPS	5-Jul-06	Cadmium	1.4	-	mg/kg	481349.14	1348051.017
BLST-6	BLST-6^2-RMPS	5-Jul-06	Lead-210	0.585	U	pCi/g	481349.14	1348051.017
BLST-6	BLST-6^2-RMPS	5-Jul-06	Radium-226	1.43	-	pCi/g	481349.14	1348051.017
BLST-6	BLST-6^2-RMPS	5-Jul-06	Radium-228	1.05	-	pCi/g	481349.14	1348051.017
BLST-6	BLST-6^2-RMPS	5-Jul-06	Technetium-99	2.11	U	pCi/g	481349.14	1348051.017
BLST-6	BLST-6^2-RMPS	5-Jul-06	Thorium-228	1.12	-	pCi/g	481349.14	1348051.017
BLST-6	BLST-6^2-RMPS	5-Jul-06	Thorium-230	2.47	J	pCi/g	481349.14	1348051.017

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-6	BLST-6^2-RMPS	5-Jul-06	Thorium-232	1.05	-	pCi/g	481349.14	1348051.017
BLST-6	BLST-6^2-RMPS	5-Jul-06	Uranium, Total	7.86	-	mg/kg	481349.14	1348051.017
BLST-7	BLST-7^3-RMPS	5-Jul-06	Antimony	0.786	U	mg/kg	481564.33	1348059.839
BLST-7	BLST-7^3-RMPS	5-Jul-06	Cadmium	0.118	J	mg/kg	481564.33	1348059.839
BLST-7	BLST-7^3-RMPS	5-Jul-06	Lead-210	0.463	U	pCi/g	481564.33	1348059.839
BLST-7	BLST-7^3-RMPS	5-Jul-06	Radium-226	0.451	-	pCi/g	481564.33	1348059.839
BLST-7	BLST-7^3-RMPS	5-Jul-06	Radium-228	0.331	-	pCi/g	481564.33	1348059.839
BLST-7	BLST-7^3-RMPS	5-Jul-06	Technetium-99	1.09	U	pCi/g	481564.33	1348059.839
BLST-7	BLST-7^3-RMPS	5-Jul-06	Thorium-228	0.33	-	pCi/g	481564.33	1348059.839
BLST-7	BLST-7^3-RMPS	5-Jul-06	Thorium-230	1.19	J	pCi/g	481564.33	1348059.839
BLST-7	BLST-7^3-RMPS	5-Jul-06	Thorium-232	0.331	-	pCi/g	481564.33	1348059.839
BLST-7	BLST-7^3-RMPS	5-Jul-06	Uranium, Total	1.22	U	mg/kg	481564.33	1348059.839
BLST-8	BLST-8^4-RMPS	5-Jul-06	Antimony	0.826	U	mg/kg	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Aroclor-1254	3.5	U	ug/kg	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Aroclor-1260	3.5	U	ug/kg	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Arsenic	15.1	J	mg/kg	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Benzo(a)anthracene	35.1	U	ug/kg	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Benzo(a)pyrene	35.1	U	ug/kg	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Benzo(b)fluoranthene	49.7	J	ug/kg	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Beryllium	0.128	J	mg/kg	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Cadmium	0.0949	J	mg/kg	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Carbazole	351	U	ug/kg	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Dibenzo(a,h)anthracene	35.1	U	ug/kg	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Fluoride	0.813	J	mg/kg	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Indeno(1,2,3-cd)pyrene	43.4	J	ug/kg	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Radium-226	0.499	-	pCi/g	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Radium-228	0.302	-	pCi/g	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Silver	0.131	U	mg/kg	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Technetium-99	1.82	J	pCi/g	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Thorium-228	0.297	-	pCi/g	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Thorium-232	0.302	-	pCi/g	481745.491	1348068.842
BLST-8	BLST-8^4-RMPS	5-Jul-06	Uranium, Total	1.95	J	mg/kg	481745.491	1348068.842
BLST-9	BLST-9^3-RMPS	5-Jul-06	Antimony	0.879	U	mg/kg	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Aroclor-1254	3.5	U	ug/kg	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Aroclor-1260	3.5	U	ug/kg	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Arsenic	15.2	J	mg/kg	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Benzo(a)anthracene	34.8	U	ug/kg	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Benzo(a)pyrene	34.8	U	ug/kg	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Benzo(b)fluoranthene	104	-	ug/kg	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Beryllium	0.146	J	mg/kg	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Cadmium	0.0953	J	mg/kg	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Carbazole	348	U	ug/kg	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Dibenzo(a,h)anthracene	34.8	U	ug/kg	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Fluoride	0.3	U	mg/kg	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Indeno(1,2,3-cd)pyrene	48.5	J	ug/kg	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Radium-226	0.502	-	pCi/g	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Radium-228	0.304	-	pCi/g	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Silver	0.14	U	mg/kg	481837.449	1348052.636

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-9	BLST-9^3-RMPS	5-Jul-06	Technetium-99	0.813	U	pCi/g	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Thorium-228	0.307	-	pCi/g	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Thorium-232	0.304	-	pCi/g	481837.449	1348052.636
BLST-9	BLST-9^3-RMPS	5-Jul-06	Uranium, Total	1.29	U	mg/kg	481837.449	1348052.636
BLST-10	BLST-10^2-RMPS	5-Jul-06	Antimony	0.791	U	mg/kg	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Aroclor-1254	3.5	U	ug/kg	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Aroclor-1260	3.5	U	ug/kg	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Arsenic	12.5	J	mg/kg	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Benzo(a)anthracene	77.4	J	ug/kg	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Benzo(a)pyrene	74.8	J	ug/kg	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Benzo(b)fluoranthene	275	-	ug/kg	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Beryllium	0.176	J	mg/kg	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Cadmium	0.115	J	mg/kg	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Carbazole	350	U	ug/kg	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Dibenzo(a,h)anthracene	35	U	ug/kg	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Fluoride	0.296	U	mg/kg	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Indeno(1,2,3-cd)pyrene	114	-	ug/kg	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Radium-226	0.504	-	pCi/g	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Radium-228	0.323	-	pCi/g	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Silver	0.126	U	mg/kg	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Technetium-99	0.876	U	pCi/g	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Thorium-228	0.336	-	pCi/g	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Thorium-232	0.323	-	pCi/g	481949.692	1348008.281
BLST-10	BLST-10^2-RMPS	5-Jul-06	Uranium, Total	2	J	mg/kg	481949.692	1348008.281
BLST-11	BLST-11^3-RMPS	13-Jul-06	Antimony	0.877	U	mg/kg	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Aroclor-1254	3.6	U	ug/kg	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Aroclor-1260	3.6	U	ug/kg	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Arsenic	14.7	-	mg/kg	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Benzo(a)anthracene	71.5	J	ug/kg	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Benzo(a)pyrene	38.2	J	ug/kg	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Benzo(b)fluoranthene	143	-	ug/kg	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Beryllium	0.129	J	mg/kg	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Cadmium	0.236	J	mg/kg	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Carbazole	355	U	ug/kg	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Dibenzo(a,h)anthracene	35.5	U	ug/kg	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Fluoride	1.06	J	mg/kg	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Indeno(1,2,3-cd)pyrene	35.5	U	ug/kg	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Radium-226	0.553	-	pCi/g	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Radium-228	0.302	-	pCi/g	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Silver	0.279	U	mg/kg	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Technetium-99	1.26	U	pCi/g	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Thorium-228	0.303	-	pCi/g	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Thorium-232	0.302	-	pCi/g	482143.728	1347776.111
BLST-11	BLST-11^3-RMPS	13-Jul-06	Uranium, Total	3.4	-	mg/kg	482143.728	1347776.111
BLST-12	BLST-12^2-RMPS	13-Jul-06	Antimony	0.84	U	mg/kg	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Aroclor-1254	10.5	J	ug/kg	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Aroclor-1260	5.2	J	ug/kg	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Arsenic	2.58	-	mg/kg	482284.961	1347258.707

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-12	BLST-12^2-RMPS	13-Jul-06	Benzo(a)pyrene	617	-	ug/kg	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Benzo(b)fluoranthene	1950	-	ug/kg	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Beryllium	0.156	J	mg/kg	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Cesium-137	0.0954	-	pCi/g	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Dibenzo(a,h)anthracene	35.3	U	ug/kg	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Dieldrin	1.4	U	ug/kg	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Fluoride	1.4	J	mg/kg	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Indeno(1,2,3-cd)pyrene	587	-	ug/kg	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Radium-226	0.574	-	pCi/g	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Radium-228	0.215	-	pCi/g	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Silver	0.267	U	mg/kg	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Technetium-99	0.849	U	pCi/g	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Thorium-228	0.221	-	pCi/g	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Thorium-230	1.97	-	pCi/g	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Thorium-232	0.215	-	pCi/g	482284.961	1347258.707
BLST-12	BLST-12^2-RMPS	13-Jul-06	Uranium, Total	4.82	-	mg/kg	482284.961	1347258.707
BLST-13	BLST-13^3-RMPS	3-Jul-06	Antimony	4.1	U	mg/kg	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Aroclor-1254	3.5	U	ug/kg	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Aroclor-1260	3.5	U	ug/kg	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Arsenic	1.8	-	mg/kg	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Benzo(a)pyrene	2640	-	ug/kg	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Benzo(b)fluoranthene	6140	-	ug/kg	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Beryllium	0.12	J	mg/kg	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Cesium-137	0.0968	-	pCi/g	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Dibenzo(a,h)anthracene	502	-	ug/kg	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Dieldrin	1.4	U	ug/kg	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Fluoride	0.804	J	mg/kg	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Indeno(1,2,3-cd)pyrene	1340	-	ug/kg	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Radium-226	0.476	-	pCi/g	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Radium-228	0.223	-	pCi/g	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Silver	0.0405	U	mg/kg	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Technetium-99	2	U	pCi/g	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Thorium-228	0.222	-	pCi/g	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Thorium-232	0.223	-	pCi/g	482425.54	1346745.702
BLST-13	BLST-13^3-RMPS	3-Jul-06	Uranium, Total	3.62	U	mg/kg	482425.54	1346745.702
BLST-14	BLST-14^2-RMPS	3-Jul-06	Antimony	3.6	U	mg/kg	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Aroclor-1254	3.4	U	ug/kg	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Aroclor-1260	3.4	U	ug/kg	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Arsenic	4.5	-	mg/kg	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Benzo(a)pyrene	1210	-	ug/kg	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Benzo(b)fluoranthene	2030	-	ug/kg	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Beryllium	0.14	J	mg/kg	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Cesium-137	0.0377	U	pCi/g	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Dibenzo(a,h)anthracene	237	-	ug/kg	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Dieldrin	1.4	U	ug/kg	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Fluoride	0.289	U	mg/kg	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Indeno(1,2,3-cd)pyrene	683	-	ug/kg	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Radium-226	0.274	-	pCi/g	482580.359	1346185.403

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-14	BLST-14^2-RMPS	3-Jul-06	Radium-228	0.163	-	pCi/g	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Silver	0.0404	U	mg/kg	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Technetium-99	1.91	U	pCi/g	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Thorium-228	0.148	-	pCi/g	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Thorium-232	0.163	-	pCi/g	482580.359	1346185.403
BLST-14	BLST-14^2-RMPS	3-Jul-06	Uranium, Total	1.68	U	mg/kg	482580.359	1346185.403
BLST-15	BLST-15^3-R	13-Jul-06	Radium-226	0.725	-	pCi/g	482658.56	1345882.82
BLST-15	BLST-15^3-R	13-Jul-06	Radium-228	0.447	-	pCi/g	482658.56	1345882.82
BLST-15	BLST-15^3-R	13-Jul-06	Thorium-228	0.441	-	pCi/g	482658.56	1345882.82
BLST-15	BLST-15^3-R	13-Jul-06	Thorium-232	0.447	-	pCi/g	482658.56	1345882.82
BLST-15	BLST-15^3-R	13-Jul-06	Uranium, Total	1.31	U	mg/kg	482658.56	1345882.82
BLST-16	BLST-16^MS	17-Aug-06	Arsenic	10.8	-	mg/kg	482380.378	1349145.98
BLST-16	BLST-16^MS	17-Aug-06	Benzo(a)anthracene	33.3	U	ug/kg	482380.378	1349145.98
BLST-16	BLST-16^MS	17-Aug-06	Benzo(a)pyrene	33.3	U	ug/kg	482380.378	1349145.98
BLST-16	BLST-16^MS	17-Aug-06	Benzo(b)fluoranthene	37.4	J	ug/kg	482380.378	1349145.98
BLST-16	BLST-16^MS	17-Aug-06	Benzo(g,h,i)perylene	33.3	U	ug/kg	482380.378	1349145.98
BLST-16	BLST-16^MS	17-Aug-06	Benzo(k)fluoranthene	33.3	U	ug/kg	482380.378	1349145.98
BLST-16	BLST-16^MS	17-Aug-06	Chrysene	33.3	U	ug/kg	482380.378	1349145.98
BLST-16	BLST-16^MS	17-Aug-06	Dibenzo(a,h)anthracene	33.3	U	ug/kg	482380.378	1349145.98
BLST-16	BLST-16^MS	17-Aug-06	Fluoranthene	39.6	J	ug/kg	482380.378	1349145.98
BLST-16	BLST-16^MS	17-Aug-06	Indeno(1,2,3-cd)pyrene	33.3	U	ug/kg	482380.378	1349145.98
BLST-16	BLST-16^MS	17-Aug-06	Phenanthrene	33.3	U	ug/kg	482380.378	1349145.98
BLST-16	BLST-16^MS	17-Aug-06	Pyrene	33.3	U	ug/kg	482380.378	1349145.98
BLST-17	BLST-17^MS	17-Aug-06	Arsenic	9.48	-	mg/kg	482380.322	1349201.68
BLST-17	BLST-17^MS	17-Aug-06	Benzo(a)anthracene	33.3	U	ug/kg	482380.322	1349201.68
BLST-17	BLST-17^MS	17-Aug-06	Benzo(a)pyrene	33.3	U	ug/kg	482380.322	1349201.68
BLST-17	BLST-17^MS	17-Aug-06	Benzo(b)fluoranthene	35.3	J	ug/kg	482380.322	1349201.68
BLST-17	BLST-17^MS	17-Aug-06	Benzo(g,h,i)perylene	33.3	U	ug/kg	482380.322	1349201.68
BLST-17	BLST-17^MS	17-Aug-06	Benzo(k)fluoranthene	33.3	U	ug/kg	482380.322	1349201.68
BLST-17	BLST-17^MS	17-Aug-06	Chrysene	33.3	U	ug/kg	482380.322	1349201.68
BLST-17	BLST-17^MS	17-Aug-06	Dibenzo(a,h)anthracene	33.3	U	ug/kg	482380.322	1349201.68
BLST-17	BLST-17^MS	17-Aug-06	Fluoranthene	36.5	J	ug/kg	482380.322	1349201.68
BLST-17	BLST-17^MS	17-Aug-06	Indeno(1,2,3-cd)pyrene	33.3	U	ug/kg	482380.322	1349201.68
BLST-17	BLST-17^MS	17-Aug-06	Phenanthrene	33.3	U	ug/kg	482380.322	1349201.68
BLST-17	BLST-17^MS	17-Aug-06	Pyrene	33.3	U	ug/kg	482380.322	1349201.68
BLST-18	BLST-18^MS	17-Aug-06	Arsenic	7.85	-	mg/kg	482378.254	1349269.782
BLST-18	BLST-18^MS	17-Aug-06	Benzo(a)anthracene	33.3	U	ug/kg	482378.254	1349269.782
BLST-18	BLST-18^MS	17-Aug-06	Benzo(a)pyrene	33.3	U	ug/kg	482378.254	1349269.782
BLST-18	BLST-18^MS	17-Aug-06	Benzo(b)fluoranthene	38	J	ug/kg	482378.254	1349269.782
BLST-18	BLST-18^MS	17-Aug-06	Benzo(g,h,i)perylene	33.3	U	ug/kg	482378.254	1349269.782
BLST-18	BLST-18^MS	17-Aug-06	Benzo(k)fluoranthene	33.3	U	ug/kg	482378.254	1349269.782
BLST-18	BLST-18^MS	17-Aug-06	Chrysene	33.3	U	ug/kg	482378.254	1349269.782
BLST-18	BLST-18^MS	17-Aug-06	Dibenzo(a,h)anthracene	33.3	U	ug/kg	482378.254	1349269.782
BLST-18	BLST-18^MS	17-Aug-06	Fluoranthene	44.4	J	ug/kg	482378.254	1349269.782
BLST-18	BLST-18^MS	17-Aug-06	Indeno(1,2,3-cd)pyrene	33.3	U	ug/kg	482378.254	1349269.782
BLST-18	BLST-18^MS	17-Aug-06	Phenanthrene	33.3	U	ug/kg	482378.254	1349269.782
BLST-18	BLST-18^MS	17-Aug-06	Pyrene	33.3	U	ug/kg	482378.254	1349269.782
BLST-19	BLST-19^MS	17-Aug-06	Arsenic	7.38	-	mg/kg	482389.253	1349320.789

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-19	BLST-19^MS	17-Aug-06	Benzo(a)anthracene	33.3	U	ug/kg	482389.253	1349320.789
BLST-19	BLST-19^MS	17-Aug-06	Benzo(a)pyrene	33.3	U	ug/kg	482389.253	1349320.789
BLST-19	BLST-19^MS	17-Aug-06	Benzo(b)fluoranthene	33.3	U	ug/kg	482389.253	1349320.789
BLST-19	BLST-19^MS	17-Aug-06	Benzo(g,h,i)perylene	33.3	U	ug/kg	482389.253	1349320.789
BLST-19	BLST-19^MS	17-Aug-06	Benzo(k)fluoranthene	33.3	U	ug/kg	482389.253	1349320.789
BLST-19	BLST-19^MS	17-Aug-06	Chrysene	33.3	U	ug/kg	482389.253	1349320.789
BLST-19	BLST-19^MS	17-Aug-06	Dibenzo(a,h)anthracene	33.3	U	ug/kg	482389.253	1349320.789
BLST-19	BLST-19^MS	17-Aug-06	Fluoranthene	33.3	U	ug/kg	482389.253	1349320.789
BLST-19	BLST-19^MS	17-Aug-06	Indeno(1,2,3-cd)pyrene	33.3	U	ug/kg	482389.253	1349320.789
BLST-19	BLST-19^MS	17-Aug-06	Phenanthrene	33.3	U	ug/kg	482389.253	1349320.789
BLST-19	BLST-19^MS	17-Aug-06	Pyrene	33.3	U	ug/kg	482389.253	1349320.789
BLST-20	BLST-20^MS	17-Aug-06	Arsenic	10.5	-	mg/kg	482372.689	1349399.633
BLST-20	BLST-20^MS	17-Aug-06	Benzo(a)anthracene	33.4	U	ug/kg	482372.689	1349399.633
BLST-20	BLST-20^MS	17-Aug-06	Benzo(a)pyrene	33.4	U	ug/kg	482372.689	1349399.633
BLST-20	BLST-20^MS	17-Aug-06	Benzo(b)fluoranthene	33.4	U	ug/kg	482372.689	1349399.633
BLST-20	BLST-20^MS	17-Aug-06	Benzo(g,h,i)perylene	33.4	U	ug/kg	482372.689	1349399.633
BLST-20	BLST-20^MS	17-Aug-06	Benzo(k)fluoranthene	33.4	U	ug/kg	482372.689	1349399.633
BLST-20	BLST-20^MS	17-Aug-06	Chrysene	33.4	U	ug/kg	482372.689	1349399.633
BLST-20	BLST-20^MS	17-Aug-06	Dibenzo(a,h)anthracene	33.4	U	ug/kg	482372.689	1349399.633
BLST-20	BLST-20^MS	17-Aug-06	Fluoranthene	33.4	U	ug/kg	482372.689	1349399.633
BLST-20	BLST-20^MS	17-Aug-06	Indeno(1,2,3-cd)pyrene	33.4	U	ug/kg	482372.689	1349399.633
BLST-20	BLST-20^MS	17-Aug-06	Phenanthrene	33.4	U	ug/kg	482372.689	1349399.633
BLST-20	BLST-20^MS	17-Aug-06	Pyrene	33.4	U	ug/kg	482372.689	1349399.633
BLST-21	BLST-21^MS	17-Aug-06	Arsenic	9.94	-	mg/kg	482382.454	1349489.245
BLST-21	BLST-21^MS	17-Aug-06	Benzo(a)anthracene	33.4	U	ug/kg	482382.454	1349489.245
BLST-21	BLST-21^MS	17-Aug-06	Benzo(a)pyrene	33.4	U	ug/kg	482382.454	1349489.245
BLST-21	BLST-21^MS	17-Aug-06	Benzo(b)fluoranthene	33.4	U	ug/kg	482382.454	1349489.245
BLST-21	BLST-21^MS	17-Aug-06	Benzo(g,h,i)perylene	33.4	U	ug/kg	482382.454	1349489.245
BLST-21	BLST-21^MS	17-Aug-06	Benzo(k)fluoranthene	33.4	U	ug/kg	482382.454	1349489.245
BLST-21	BLST-21^MS	17-Aug-06	Chrysene	33.4	U	ug/kg	482382.454	1349489.245
BLST-21	BLST-21^MS	17-Aug-06	Dibenzo(a,h)anthracene	33.4	U	ug/kg	482382.454	1349489.245
BLST-21	BLST-21^MS	17-Aug-06	Fluoranthene	33.4	U	ug/kg	482382.454	1349489.245
BLST-21	BLST-21^MS	17-Aug-06	Indeno(1,2,3-cd)pyrene	33.4	U	ug/kg	482382.454	1349489.245
BLST-21	BLST-21^MS	17-Aug-06	Phenanthrene	33.4	U	ug/kg	482382.454	1349489.245
BLST-21	BLST-21^MS	17-Aug-06	Pyrene	33.4	U	ug/kg	482382.454	1349489.245
BLST-22	BLST-22^MS	17-Aug-06	Arsenic	16	-	mg/kg	482367.019	1349561.424
BLST-22	BLST-22^MS	17-Aug-06	Benzo(a)anthracene	33.4	U	ug/kg	482367.019	1349561.424
BLST-22	BLST-22^MS	17-Aug-06	Benzo(a)pyrene	33.4	U	ug/kg	482367.019	1349561.424
BLST-22	BLST-22^MS	17-Aug-06	Benzo(b)fluoranthene	33.4	U	ug/kg	482367.019	1349561.424
BLST-22	BLST-22^MS	17-Aug-06	Benzo(g,h,i)perylene	33.4	U	ug/kg	482367.019	1349561.424
BLST-22	BLST-22^MS	17-Aug-06	Benzo(k)fluoranthene	33.4	U	ug/kg	482367.019	1349561.424
BLST-22	BLST-22^MS	17-Aug-06	Chrysene	33.4	U	ug/kg	482367.019	1349561.424
BLST-22	BLST-22^MS	17-Aug-06	Dibenzo(a,h)anthracene	33.4	U	ug/kg	482367.019	1349561.424
BLST-22	BLST-22^MS	17-Aug-06	Fluoranthene	61.3	J	ug/kg	482367.019	1349561.424
BLST-22	BLST-22^MS	17-Aug-06	Indeno(1,2,3-cd)pyrene	33.4	U	ug/kg	482367.019	1349561.424
BLST-22	BLST-22^MS	17-Aug-06	Phenanthrene	42.1	J	ug/kg	482367.019	1349561.424
BLST-22	BLST-22^MS	17-Aug-06	Pyrene	33.4	U	ug/kg	482367.019	1349561.424
BLST-23	BLST-23^MS	17-Aug-06	Arsenic	8.61	-	mg/kg	482376.887	1349642.355

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-23	BLST-23^MS	17-Aug-06	Benzo(a)anthracene	33.3	U	ug/kg	482376.887	1349642.355
BLST-23	BLST-23^MS	17-Aug-06	Benzo(a)pyrene	33.3	U	ug/kg	482376.887	1349642.355
BLST-23	BLST-23^MS	17-Aug-06	Benzo(b)fluoranthene	33.3	U	ug/kg	482376.887	1349642.355
BLST-23	BLST-23^MS	17-Aug-06	Benzo(g,h,i)perylene	33.3	U	ug/kg	482376.887	1349642.355
BLST-23	BLST-23^MS	17-Aug-06	Benzo(k)fluoranthene	33.3	U	ug/kg	482376.887	1349642.355
BLST-23	BLST-23^MS	17-Aug-06	Chrysene	33.3	U	ug/kg	482376.887	1349642.355
BLST-23	BLST-23^MS	17-Aug-06	Dibenzo(a,h)anthracene	33.3	U	ug/kg	482376.887	1349642.355
BLST-23	BLST-23^MS	17-Aug-06	Fluoranthene	33.3	U	ug/kg	482376.887	1349642.355
BLST-23	BLST-23^MS	17-Aug-06	Indeno(1,2,3-cd)pyrene	33.3	U	ug/kg	482376.887	1349642.355
BLST-23	BLST-23^MS	17-Aug-06	Phenanthrene	33.3	U	ug/kg	482376.887	1349642.355
BLST-23	BLST-23^MS	17-Aug-06	Pyrene	33.3	U	ug/kg	482376.887	1349642.355
BLST-24	BLST-24^MS	17-Aug-06	Arsenic	14.8	-	mg/kg	482361.922	1349715.997
BLST-24	BLST-24^MS	17-Aug-06	Benzo(a)anthracene	33.4	U	ug/kg	482361.922	1349715.997
BLST-24	BLST-24^MS	17-Aug-06	Benzo(a)pyrene	33.4	U	ug/kg	482361.922	1349715.997
BLST-24	BLST-24^MS	17-Aug-06	Benzo(b)fluoranthene	33.4	U	ug/kg	482361.922	1349715.997
BLST-24	BLST-24^MS	17-Aug-06	Benzo(g,h,i)perylene	33.4	U	ug/kg	482361.922	1349715.997
BLST-24	BLST-24^MS	17-Aug-06	Benzo(k)fluoranthene	33.4	U	ug/kg	482361.922	1349715.997
BLST-24	BLST-24^MS	17-Aug-06	Chrysene	33.4	U	ug/kg	482361.922	1349715.997
BLST-24	BLST-24^MS	17-Aug-06	Dibenzo(a,h)anthracene	33.4	U	ug/kg	482361.922	1349715.997
BLST-24	BLST-24^MS	17-Aug-06	Fluoranthene	33.4	U	ug/kg	482361.922	1349715.997
BLST-24	BLST-24^MS	17-Aug-06	Indeno(1,2,3-cd)pyrene	33.4	U	ug/kg	482361.922	1349715.997
BLST-24	BLST-24^MS	17-Aug-06	Phenanthrene	33.4	U	ug/kg	482361.922	1349715.997
BLST-24	BLST-24^MS	17-Aug-06	Pyrene	33.4	U	ug/kg	482361.922	1349715.997
BLST-25	BLST-25^MS	17-Aug-06	Arsenic	6.61	-	mg/kg	482373.607	1349776.622
BLST-25	BLST-25^MS	17-Aug-06	Benzo(a)anthracene	33.3	U	ug/kg	482373.607	1349776.622
BLST-25	BLST-25^MS	17-Aug-06	Benzo(a)pyrene	33.3	U	ug/kg	482373.607	1349776.622
BLST-25	BLST-25^MS	17-Aug-06	Benzo(b)fluoranthene	33.3	U	ug/kg	482373.607	1349776.622
BLST-25	BLST-25^MS	17-Aug-06	Benzo(g,h,i)perylene	33.3	U	ug/kg	482373.607	1349776.622
BLST-25	BLST-25^MS	17-Aug-06	Benzo(k)fluoranthene	33.3	U	ug/kg	482373.607	1349776.622
BLST-25	BLST-25^MS	17-Aug-06	Chrysene	33.3	U	ug/kg	482373.607	1349776.622
BLST-25	BLST-25^MS	17-Aug-06	Dibenzo(a,h)anthracene	33.3	U	ug/kg	482373.607	1349776.622
BLST-25	BLST-25^MS	17-Aug-06	Fluoranthene	33.3	U	ug/kg	482373.607	1349776.622
BLST-25	BLST-25^MS	17-Aug-06	Indeno(1,2,3-cd)pyrene	33.3	U	ug/kg	482373.607	1349776.622
BLST-25	BLST-25^MS	17-Aug-06	Phenanthrene	33.3	U	ug/kg	482373.607	1349776.622
BLST-25	BLST-25^MS	17-Aug-06	Pyrene	33.3	U	ug/kg	482373.607	1349776.622
BLST-26	BLST-26^MS	17-Aug-06	Arsenic	5.09	-	mg/kg	482385.62	1349852.292
BLST-26	BLST-26^MS	17-Aug-06	Benzo(a)anthracene	33.4	U	ug/kg	482385.62	1349852.292
BLST-26	BLST-26^MS	17-Aug-06	Benzo(a)pyrene	33.4	U	ug/kg	482385.62	1349852.292
BLST-26	BLST-26^MS	17-Aug-06	Benzo(b)fluoranthene	33.4	U	ug/kg	482385.62	1349852.292
BLST-26	BLST-26^MS	17-Aug-06	Benzo(g,h,i)perylene	33.4	U	ug/kg	482385.62	1349852.292
BLST-26	BLST-26^MS	17-Aug-06	Benzo(k)fluoranthene	33.4	U	ug/kg	482385.62	1349852.292
BLST-26	BLST-26^MS	17-Aug-06	Chrysene	33.4	U	ug/kg	482385.62	1349852.292
BLST-26	BLST-26^MS	17-Aug-06	Dibenzo(a,h)anthracene	33.4	U	ug/kg	482385.62	1349852.292
BLST-26	BLST-26^MS	17-Aug-06	Fluoranthene	33.4	U	ug/kg	482385.62	1349852.292
BLST-26	BLST-26^MS	17-Aug-06	Indeno(1,2,3-cd)pyrene	33.4	U	ug/kg	482385.62	1349852.292
BLST-26	BLST-26^MS	17-Aug-06	Phenanthrene	33.4	U	ug/kg	482385.62	1349852.292
BLST-26	BLST-26^MS	17-Aug-06	Pyrene	33.4	U	ug/kg	482385.62	1349852.292
BLST-27	BLST-27^MS	17-Aug-06	Arsenic	10.9	-	mg/kg	482356.759	1349878.677

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-27	BLST-27^MS	17-Aug-06	Benzo(a)anthracene	72.2	J	ug/kg	482356.759	1349878.677
BLST-27	BLST-27^MS	17-Aug-06	Benzo(a)pyrene	53.6	J	ug/kg	482356.759	1349878.677
BLST-27	BLST-27^MS	17-Aug-06	Benzo(b)fluoranthene	33.3	U	ug/kg	482356.759	1349878.677
BLST-27	BLST-27^MS	17-Aug-06	Benzo(g,h,i)perylene	33.3	U	ug/kg	482356.759	1349878.677
BLST-27	BLST-27^MS	17-Aug-06	Benzo(k)fluoranthene	109	J	ug/kg	482356.759	1349878.677
BLST-27	BLST-27^MS	17-Aug-06	Chrysene	153	J	ug/kg	482356.759	1349878.677
BLST-27	BLST-27^MS	17-Aug-06	Dibenzo(a,h)anthracene	33.3	U	ug/kg	482356.759	1349878.677
BLST-27	BLST-27^MS	17-Aug-06	Fluoranthene	751	-	ug/kg	482356.759	1349878.677
BLST-27	BLST-27^MS	17-Aug-06	Indeno(1,2,3-cd)pyrene	107	J	ug/kg	482356.759	1349878.677
BLST-27	BLST-27^MS	17-Aug-06	Phenanthrene	511	-	ug/kg	482356.759	1349878.677
BLST-27	BLST-27^MS	17-Aug-06	Pyrene	348	-	ug/kg	482356.759	1349878.677
BLST-28	BLST-28^2^RMS	5-Sep-06	Arsenic	3.8	J	mg/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Barium	21.6	J	mg/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Benzo(a)anthracene	814	J	ug/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Benzo(a)pyrene	980	-	ug/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Benzo(b)fluoranthene	2140	J	ug/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Benzo(g,h,i)perylene	807	-	ug/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Benzo(k)fluoranthene	34.4	J	ug/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Beryllium	0.25	-	mg/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Cadmium	0.12	J	mg/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Chromium	4.5	J	mg/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Chrysene	1270	J	ug/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Dibenzo(a,h)anthracene	34.4	J	ug/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Fluoranthene	1420	J	ug/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Indeno(1,2,3-cd)pyrene	688	J	ug/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Lead	6.4	J	mg/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Lead-210	2.13	U	pCi/g	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Mercury	0.0077	J	mg/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Neptunium-237	0.135	U	pCi/g	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Phenanthrene	148	J	ug/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Pyrene	1430	J	ug/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Radium-226	0.469833	-	pCi/g	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Radium-228	0.225	-	pCi/g	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Selenium	0.508	U	mg/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Silver	0.0407	U	mg/kg	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Technetium-99	2.3	U	pCi/g	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Thorium-228	0.214	-	pCi/g	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Thorium-230	0.407	J	pCi/g	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Thorium-232	0.225	-	pCi/g	482805.937	1345348.969
BLST-28	BLST-28^2^RMS	5-Sep-06	Uranium, Total	2.22	J	mg/kg	482805.937	1345348.969
BLST-29	BLST-29^2^RMS	5-Sep-06	Arsenic	2.8	J	mg/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Barium	22.3	J	mg/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Benzo(a)anthracene	1840	J	ug/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Benzo(a)pyrene	1790	-	ug/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Benzo(b)fluoranthene	5270	J	ug/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Benzo(g,h,i)perylene	1050	-	ug/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Benzo(k)fluoranthene	68.3	J	ug/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Beryllium	0.26	-	mg/kg	482796.228	1345388.27

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-29	BLST-29^2^RMS	5-Sep-06	Cadmium	0.13	J	mg/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Chromium	6.2	J	mg/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Chrysene	3460	J	ug/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Dibenzo(a,h)anthracene	68.3	J	ug/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Fluoranthene	4840	J	ug/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Indeno(1,2,3-cd)pyrene	938	J	ug/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Lead	6.3	J	mg/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Lead-210	5.12	U	pCi/g	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Mercury	0.0054	J	mg/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Neptunium-237	0.1	U	pCi/g	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Phenanthrene	1130	J	ug/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Pyrene	4580	J	ug/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Radium-226	0.38454	-	pCi/g	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Radium-228	0.22	-	pCi/g	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Selenium	0.507	U	mg/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Silver	0.0406	U	mg/kg	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Technetium-99	2.18	U	pCi/g	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Thorium-228	0.213	-	pCi/g	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Thorium-230	0.398	J	pCi/g	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Thorium-232	0.22	-	pCi/g	482796.228	1345388.27
BLST-29	BLST-29^2^RMS	5-Sep-06	Uranium, Total	2.1	J	mg/kg	482796.228	1345388.27
BLST-30	BLST-30^2-RMS	5-Sep-06	Arsenic	4.9	NV	mg/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Barium	23.9	NV	mg/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Benzo(a)anthracene	1250	NV	ug/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Benzo(a)pyrene	1640	NV	ug/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Benzo(b)fluoranthene	3270	NV	ug/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Benzo(g,h,i)perylene	1260	NV	ug/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Benzo(k)fluoranthene	34.3	UNV	ug/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Beryllium	0.31	NV	mg/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Cadmium	0.19	NV	mg/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Chromium	6.2	NV	mg/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Chrysene	1920	NV	ug/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Dibenzo(a,h)anthracene	34.3	UNV	ug/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Fluoranthene	2100	NV	ug/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Indeno(1,2,3-cd)pyrene	1170	NV	ug/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Lead	8.9	NV	mg/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Mercury	0.0047	NV	mg/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Neptunium-237	0.187	UNV	pCi/g	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Phenanthrene	311	NV	ug/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Pyrene	2060	NV	ug/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Selenium	0.58	NV	mg/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Silver	0.042	NV	mg/kg	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Technetium-99	2.26	UNV	pCi/g	482783.733	1345432.439
BLST-30	BLST-30^2-RMS	5-Sep-06	Thorium-230	0.541	NV	pCi/g	482783.733	1345432.439
BLST-32	BLST-32^2-RMS	21-Sep-06	Arsenic	3.8	J	mg/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Barium	18.2	J	mg/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Benzo(a)anthracene	734	J	ug/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Benzo(a)pyrene	987	-	ug/kg	482765.223	1345499.371

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-32	BLST-32^2-RMS	21-Sep-06	Benzo(b)fluoranthene	2110	-	ug/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Benzo(g,h,i)perylene	812	-	ug/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Benzo(k)fluoranthene	695	J	ug/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Beryllium	0.14	J	mg/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Cadmium	0.104	U	mg/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Chromium	9.2	J	mg/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Chrysene	1520	J	ug/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Dibenzo(a,h)anthracene	308	-	ug/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Fluoranthene	2010	-	ug/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Indeno(1,2,3-cd)pyrene	748	J	ug/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Lead	7.9	J	mg/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Lead-210	0.49	NV	pCi/g	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Mercury	0.0069	J	mg/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Neptunium-237	0.18	UNV	pCi/g	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Phenanthrene	448	J	ug/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Pyrene	1480	-	ug/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Radium-226	0.463515	NV	pCi/g	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Radium-228	0.191	NV	pCi/g	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Selenium	2.6	U	mg/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Silver	0.208	U	mg/kg	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Technetium-99	2.03	UNV	pCi/g	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Thorium-228	0.18	NV	pCi/g	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Thorium-230	0.516	NV	pCi/g	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Thorium-232	0.191	NV	pCi/g	482765.223	1345499.371
BLST-32	BLST-32^2-RMS	21-Sep-06	Uranium, Total	2.46	NV	mg/kg	482765.223	1345499.371
BLST-33	BLST-33^2-RMS	21-Sep-06	Arsenic	8	J	mg/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Barium	33	J	mg/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Benzo(a)anthracene	2100	-	ug/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Benzo(a)pyrene	3210	-	ug/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Benzo(b)fluoranthene	4700	-	ug/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Benzo(g,h,i)perylene	1800	-	ug/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Benzo(k)fluoranthene	2160	J	ug/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Beryllium	0.23	-	mg/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Cadmium	0.13	J	mg/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Chromium	12.4	J	mg/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Chrysene	2420	J	ug/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Dibenzo(a,h)anthracene	638	-	ug/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Fluoranthene	2570	-	ug/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Indeno(1,2,3-cd)pyrene	1720	J	ug/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Lead	7.7	J	mg/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Lead-210	4.34	UNV	pCi/g	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Mercury	0.0066	J	mg/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Neptunium-237	0.136	UNV	pCi/g	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Phenanthrene	172	J	ug/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Pyrene	2320	-	ug/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Radium-226	0.517218	NV	pCi/g	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Radium-228	0.334	NV	pCi/g	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Selenium	2.69	U	mg/kg	482757.457	1345529.19

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-33	BLST-33^2-RMS	21-Sep-06	Silver	0.215	U	mg/kg	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Technetium-99	2.05	UNV	pCi/g	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Thorium-228	0.328	NV	pCi/g	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Thorium-230	0.437	NV	pCi/g	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Thorium-232	0.334	NV	pCi/g	482757.457	1345529.19
BLST-33	BLST-33^2-RMS	21-Sep-06	Uranium, Total	1.9	NV	mg/kg	482757.457	1345529.19
BLST-34	BLST-34^2-RMS	21-Sep-06	Arsenic	1.48	J	mg/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Barium	8.6	J	mg/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Benzo(a)anthracene	322	J	ug/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Benzo(a)pyrene	494	-	ug/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Benzo(b)fluoranthene	1170	J	ug/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Benzo(g,h,i)perylene	410	-	ug/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Benzo(k)fluoranthene	34.6	U	ug/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Beryllium	0.0989	U	mg/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Cadmium	0.0989	U	mg/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Chromium	5	J	mg/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Chrysene	502	J	ug/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Dibenzo(a,h)anthracene	204	-	ug/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Fluoranthene	543	-	ug/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Indeno(1,2,3-cd)pyrene	365	J	ug/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Lead	2.8	J	mg/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Lead-210	1.52	UNV	pCi/g	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Mercury	0.0046	J	mg/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Neptunium-237	0.0912	UNV	pCi/g	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Phenanthrene	80.3	J	ug/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Pyrene	596	-	ug/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Radium-226	0.366639	NV	pCi/g	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Radium-228	0.141	NV	pCi/g	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Selenium	2.47	U	mg/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Silver	0.198	U	mg/kg	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Technetium-99	2.38	UNV	pCi/g	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Thorium-228	0.149	NV	pCi/g	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Thorium-230	0.18	UNV	pCi/g	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Thorium-232	0.141	NV	pCi/g	482749.152	1345559.222
BLST-34	BLST-34^2-RMS	21-Sep-06	Uranium, Total	0.894	UNV	mg/kg	482749.152	1345559.222
BLST-35	BLST-35^2-RMS	21-Sep-06	Arsenic	2.2	J	mg/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Barium	20.7	J	mg/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Benzo(a)anthracene	1160	J	ug/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Benzo(a)pyrene	1410	-	ug/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Benzo(b)fluoranthene	3740	-	ug/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Benzo(g,h,i)perylene	1100	-	ug/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Benzo(k)fluoranthene	34.8	U	ug/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Beryllium	0.0997	U	mg/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Cadmium	0.0997	U	mg/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Chromium	3.6	J	mg/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Chrysene	1600	J	ug/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Dibenzo(a,h)anthracene	400	-	ug/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Fluoranthene	1440	-	ug/kg	482740.415	1345590.824

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-35	BLST-35^2-RMS	21-Sep-06	Indeno(1;2,3-cd)pyrene	966	J	ug/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Lead	4.5	J	mg/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Lead-210	0.289	NV	pCi/g	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Mercury	0.0059	J	mg/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Neptunium-237	0.0878	UNV	pCi/g	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Phenanthrene	199	J	ug/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Pyrene	1850	-	ug/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Radium-226	0.375063	NV	pCi/g	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Radium-228	0.211	NV	pCi/g	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Selenium	2.49	U	mg/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Silver	0.199	U	mg/kg	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Technetium-99	2.48	UNV	pCi/g	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Thorium-228	0.22	NV	pCi/g	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Thorium-230	0.305	NV	pCi/g	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Thorium-232	0.211	NV	pCi/g	482740.415	1345590.824
BLST-35	BLST-35^2-RMS	21-Sep-06	Uranium, Total	1.53	NV	mg/kg	482740.415	1345590.824
BLST-36	BLST-36^2-RMS	21-Sep-06	Arsenic	2.8	J	mg/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Barium	8.4	J	mg/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Benzo(a)anthracene	359	J	ug/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Benzo(a)pyrene	430	-	ug/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Benzo(b)fluoranthene	1430	J	ug/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Benzo(g,h,i)perylene	378	-	ug/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Benzo(k)fluoranthene	34.6	U	ug/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Beryllium	0.1	U	mg/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Cadmium	0.1	U	mg/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Chromium	3.4	J	mg/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Chrysene	981	J	ug/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Dibenzo(a,h)anthracene	195	J	ug/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Fluoranthene	1240	-	ug/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Indeno(1,2,3-cd)pyrene	362	J	ug/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Lead	8.6	J	mg/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Lead-210	3.28	UNV	pCi/g	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Mercury	0.0063	J	mg/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Neptunium-237	0.0782	UNV	pCi/g	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Phenanthrene	255	J	ug/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Pyrene	1010	-	ug/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Radium-226	0.403494	NV	pCi/g	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Radium-228	0.167	NV	pCi/g	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Selenium	2.5	U	mg/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Silver	0.2	U	mg/kg	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Technetium-99	2.02	UNV	pCi/g	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Thorium-228	0.188	NV	pCi/g	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Thorium-230	0.238	NV	pCi/g	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Thorium-232	0.167	NV	pCi/g	482730.121	1345623.964
BLST-36	BLST-36^2-RMS	21-Sep-06	Uranium, Total	1.3	UNV	mg/kg	482730.121	1345623.964
BLST-37	BLST-37^2-RMS	21-Sep-06	Arsenic	4.1	J	mg/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Barium	18.8	J	mg/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Benzo(a)anthracene	371	J	ug/kg	482723.579	1345654.843

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-37	BLST-37^2-RMS	21-Sep-06	Benzo(a)pyrene	420	-	ug/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Benzo(b)fluoranthene	1280	J	ug/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Benzo(g,h,i)perylene	350	-	ug/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Benzo(k)fluoranthene	34.5	U	ug/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Beryllium	0.17	-	mg/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Cadmium	0.14	J	mg/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Chromium	12.9	J	mg/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Chrysene	811	J	ug/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Dibenzo(a,h)anthracene	183	J	ug/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Fluoranthene	1400	-	ug/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Indeno(1,2,3-cd)pyrene	331	J	ug/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Lead	5.7	J	mg/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Lead-210	2.67	UNV	pCi/g	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Mercury	0.005	J	mg/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Neptunium-237	0.0764	UNV	pCi/g	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Phenanthrene	351	J	ug/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Pyrene	1170	-	ug/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Radium-226	0.322413	NV	pCi/g	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Radium-228	0.156	NV	pCi/g	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Selenium	2.47	U	mg/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Silver	0.198	U	mg/kg	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Technetium-99	2.01	UNV	pCi/g	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Thorium-228	0.155	NV	pCi/g	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Thorium-230	0.289	NV	pCi/g	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Thorium-232	0.156	NV	pCi/g	482723.579	1345654.843
BLST-37	BLST-37^2-RMS	21-Sep-06	Uranium, Total	0.903	UNV	mg/kg	482723.579	1345654.843
BLST-38	BLST-38^2-RMS	21-Sep-06	Arsenic	3.9	J	mg/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Barium	24.5	J	mg/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Benzo(a)anthracene	1370	J	ug/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Benzo(a)pyrene	1490	-	ug/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Benzo(b)fluoranthene	4460	-	ug/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Benzo(g,h,i)perylene	1020	-	ug/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Benzo(k)fluoranthene	35.4	U	ug/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Beryllium	0.27	-	mg/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Cadmium	0.105	U	mg/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Chromium	11.7	J	mg/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Chrysene	2570	J	ug/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Dibenzo(a,h)anthracene	350	-	ug/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Fluoranthene	2830	-	ug/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Indeno(1,2,3-cd)pyrene	942	J	ug/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Lead	6.5	J	mg/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Lead-210	3.74	UNV	pCi/g	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Mercury	0.0071	J	mg/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Neptunium-237	0.0937	UNV	pCi/g	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Phenanthrene	328	J	ug/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Pyrene	2660	-	ug/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Radium-226	0.445614	NV	pCi/g	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Radium-228	0.259	NV	pCi/g	482714.698	1345686.047

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-38	BLST-38^2-RMS	21-Sep-06	Selenium	2.62	U	mg/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Silver	0.21	U	mg/kg	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Technetium-99	1.99	UNV	pCi/g	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Thorium-228	0.259	NV	pCi/g	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Thorium-230	0.413	NV	pCi/g	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Thorium-232	0.259	NV	pCi/g	482714.698	1345686.047
BLST-38	BLST-38^2-RMS	21-Sep-06	Uranium, Total	1.84	NV	mg/kg	482714.698	1345686.047
BLST-39	BLST-39^2-RMS	21-Sep-06	Arsenic	2.9	J	mg/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Barium	22	J	mg/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Benzo(a)anthracene	486	J	ug/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Benzo(a)pyrene	637	-	ug/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Benzo(b)fluoranthene	1650	J	ug/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Benzo(g,h,i)perylene	538	-	ug/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Benzo(k)fluoranthene	34.8	U	ug/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Beryllium	0.11	J	mg/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Cadmium	0.12	J	mg/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Chromium	5.8	J	mg/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Chrysene	819	J	ug/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Dibenzo(a,h)anthracene	226	-	ug/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Fluoranthene	861	-	ug/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Indeno(1,2,3-cd)pyrene	469	J	ug/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Lead	3.9	J	mg/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Lead-210	2.45	UNV	pCi/g	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Mercury	0.019	J	mg/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Neptunium-237	0.0936	UNV	pCi/g	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Phenanthrene	122	J	ug/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Pyrene	879	-	ug/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Radium-226	0.399282	NV	pCi/g	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Radium-228	0.177	NV	pCi/g	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Selenium	2.48	U	mg/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Silver	0.199	U	mg/kg	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Technetium-99	1.99	UNV	pCi/g	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Thorium-228	0.185	NV	pCi/g	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Thorium-230	0.405	NV	pCi/g	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Thorium-232	0.177	NV	pCi/g	482706.141	1345717.713
BLST-39	BLST-39^2-RMS	21-Sep-06	Uranium, Total	2.61	NV	mg/kg	482706.141	1345717.713
BLST-40	BLST-40^3-RMS	21-Sep-06	Arsenic	3	J	mg/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Barium	24.5	J	mg/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Benzo(a)anthracene	545	J	ug/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Benzo(a)pyrene	612	-	ug/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Benzo(b)fluoranthene	2290	-	ug/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Benzo(g,h,i)perylene	489	-	ug/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Benzo(k)fluoranthene	34.7	U	ug/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Beryllium	0.19	-	mg/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Cadmium	0.15	J	mg/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Chromium	7.3	J	mg/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Chrysene	1540	J	ug/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Dibenzo(a,h)anthracene	212	-	ug/kg	482697.703	1345748.579

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-40	BLST-40^3-RMS	21-Sep-06	Fluoranthene	3410	-	ug/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Indeno(1,2,3-cd)pyrene	469	J	ug/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Lead	5.9	J	mg/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Lead-210	5.16	UNV	pCi/g	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Mercury	0.0054	J	mg/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Neptunium-237	0.0775	UNV	pCi/g	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Phenanthrene	1100	-	ug/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Pyrene	2400	-	ug/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Radium-226	0.382434	NV	pCi/g	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Radium-228	0.242	NV	pCi/g	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Selenium	2.61	U	mg/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Silver	0.208	U	mg/kg	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Technetium-99	2.07	UNV	pCi/g	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Thorium-228	0.252	NV	pCi/g	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Thorium-230	0.467	NV	pCi/g	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Thorium-232	0.242	NV	pCi/g	482697.703	1345748.579
BLST-40	BLST-40^3-RMS	21-Sep-06	Uranium, Total	1.34	UNV	mg/kg	482697.703	1345748.579
BLST-41	BLST-41^3-RMS	21-Sep-06	Arsenic	4.1	J	mg/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Barium	17.7	J	mg/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Benzo(a)anthracene	34.7	U	ug/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Benzo(a)pyrene	70.7	J	ug/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Benzo(b)fluoranthene	66.9	J	ug/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Benzo(g,h,i)perylene	94.3	J	ug/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Benzo(k)fluoranthene	34.7	U	ug/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Beryllium	0.12	J	mg/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Cadmium	0.13	J	mg/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Chromium	5.1	J	mg/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Chrysene	40.1	J	ug/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Dibenzo(a,h)anthracene	117	J	ug/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Fluoranthene	44.5	J	ug/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Indeno(1,2,3-cd)pyrene	111	J	ug/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Lead	4.7	J	mg/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Lead-210	0.434	NV	pCi/g	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Mercury	0.0097	J	mg/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Neptunium-237	0.112	UNV	pCi/g	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Phenanthrene	34.7	U	ug/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Pyrene	38.9	J	ug/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Radium-226	0.465621	NV	pCi/g	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Radium-228	0.24	NV	pCi/g	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Selenium	2.51	U	mg/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Silver	0.201	U	mg/kg	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Technetium-99	2.09	UNV	pCi/g	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Thorium-228	0.25	NV	pCi/g	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Thorium-230	0.402	NV	pCi/g	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Thorium-232	0.24	NV	pCi/g	482690.926	1345773.631
BLST-41	BLST-41^3-RMS	21-Sep-06	Uranium, Total	1.58	NV	mg/kg	482690.926	1345773.631
BLST-42	BLST-42^3-RMS	21-Sep-06	Arsenic	1.9	J	mg/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Barium	9.7	J	mg/kg	482682.489	1345804.497

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-42	BLST-42^3-RMS	21-Sep-06	Benzo(a)anthracene	580	J	ug/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Benzo(a)pyrene	611	-	ug/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Benzo(b)fluoranthene	2130	-	ug/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Benzo(g,h,i)perylene	494	-	ug/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Benzo(k)fluoranthene	34.2	U	ug/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Beryllium	0.12	J	mg/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Cadmium	0.0981	U	mg/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Chromium	6.2	J	mg/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Chrysene	1130	J	ug/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Dibenzo(a,h)anthracene	219	-	ug/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Fluoranthene	1660	-	ug/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Indeno(1,2,3-cd)pyrene	473	J	ug/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Lead	2.7	J	mg/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Lead-210	2.63	UNV	pCi/g	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Mercury	0.0076	J	mg/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Neptunium-237	0.15	UNV	pCi/g	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Phenanthrene	289	J	ug/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Pyrene	1400	-	ug/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Radium-226	0.504582	NV	pCi/g	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Radium-228	0.214	NV	pCi/g	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Selenium	2.45	U	mg/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Silver	0.196	U	mg/kg	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Technetium-99	2.28	UNV	pCi/g	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Thorium-228	0.207	NV	pCi/g	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Thorium-230	0.267	NV	pCi/g	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Thorium-232	0.214	NV	pCi/g	482682.489	1345804.497
BLST-42	BLST-42^3-RMS	21-Sep-06	Uranium, Total	2.35	NV	mg/kg	482682.489	1345804.497
BLST-43	BLST-43^3-RMS	21-Sep-06	Arsenic	4.5	J	mg/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Barium	34.3	J	mg/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Benzo(a)anthracene	460	J	ug/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Benzo(a)pyrene	692	-	ug/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Benzo(b)fluoranthene	1860	J	ug/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Benzo(g,h,i)perylene	546	-	ug/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Benzo(k)fluoranthene	34.9	U	ug/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Beryllium	0.47	-	mg/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Cadmium	0.16	J	mg/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Chromium	7.3	J	mg/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Chrysene	843	J	ug/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Dibenzo(a,h)anthracene	240	-	ug/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Fluoranthene	745	-	ug/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Indeno(1,2,3-cd)pyrene	480	J	ug/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Lead	12.3	J	mg/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Lead-210	3	UNV	pCi/g	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Mercury	0.011	J	mg/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Neptunium-237	0.126	UNV	pCi/g	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Phenanthrene	126	J	ug/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Pyrene	706	-	ug/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Radium-226	0.834171	NV	pCi/g	482671.953	1345840.258

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-43	BLST-43^3-RMS	21-Sep-06	Radium-228	0.501	NV	pCi/g	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Selenium	2.5	U	mg/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Silver	0.2	U	mg/kg	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Technetium-99	1.98	UNV	pCi/g	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Thorium-228	0.495	NV	pCi/g	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Thorium-230	0.364	NV	pCi/g	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Thorium-232	0.501	NV	pCi/g	482671.953	1345840.258
BLST-43	BLST-43^3-RMS	21-Sep-06	Uranium, Total	1.39	NV	mg/kg	482671.953	1345840.258
BLST-44	BLST-44^RMS	31-Aug-06	Arsenic	6.3	J	mg/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Barium	46	J	mg/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Benzo(a)anthracene	33.7	U	ug/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Benzo(a)pyrene	200	-	ug/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Benzo(b)fluoranthene	415	J	ug/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Benzo(g,h,i)perylene	259	-	ug/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Benzo(k)fluoranthene	33.7	U	ug/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Beryllium	0.24	-	mg/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Cadmium	0.55	J	mg/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Chromium	16.4	J	mg/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Chrysene	163	J	ug/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Dibenzo(a,h)anthracene	33.7	U	ug/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Fluoranthene	133	-	ug/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Indeno(1,2,3-cd)pyrene	241	J	ug/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Lead	58.8	-	mg/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Lead-210	4.32	U	pCi/g	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Mercury	0.065	J	mg/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Neptunium-237	0.122	U	pCi/g	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Phenanthrene	33.7	U	ug/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Pyrene	127	-	ug/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Radium-226	2.1957	-	pCi/g	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Radium-228	2.52	-	pCi/g	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Selenium	2.52	UJ	mg/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Silver	0.202	U	mg/kg	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Technetium-99	1.89	U	pCi/g	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Thorium-228	2.91	-	pCi/g	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Thorium-230	2.37	-	pCi/g	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Thorium-232	2.52	-	pCi/g	483867.661	1343690.715
BLST-44	BLST-44^RMS	31-Aug-06	Uranium, Total	12.3	-	mg/kg	483867.661	1343690.715
BLST-45	BLST-45^RMS	31-Aug-06	Arsenic	1.8	J	mg/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Barium	6	J	mg/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Benzo(a)anthracene	33.5	U	ug/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Benzo(a)pyrene	89.3	J	ug/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Benzo(b)fluoranthene	277	J	ug/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Benzo(g,h,i)perylene	150	-	ug/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Benzo(k)fluoranthene	33.5	U	ug/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Beryllium	0.1	J	mg/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Cadmium	0.0992	U	mg/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Chromium	3.3	J	mg/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Chrysene	262	J	ug/kg	483304.905	1344092.169

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-45	BLST-45^RMS	31-Aug-06	Dibenzo(a,h)anthracene	33.5	U	ug/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Fluoranthene	477	-	ug/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Indeno(1,2,3-cd)pyrene	156	J	ug/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Lead	3.6	J	mg/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Lead-210	2.84	U	pCi/g	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Mercury	0.0024	J	mg/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Neptunium-237	0.114	U	pCi/g	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Phenanthrene	140	J	ug/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Pyrene	336	-	ug/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Radium-226	0.161304	-	pCi/g	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Radium-228	0.106	-	pCi/g	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Selenium	2.48	UJ	mg/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Silver	0.198	U	mg/kg	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Technetium-99	1.77	U	pCi/g	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Thorium-228	0.101	-	pCi/g	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Thorium-230	0.253	U	pCi/g	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Thorium-232	0.106	-	pCi/g	483304.905	1344092.169
BLST-45	BLST-45^RMS	31-Aug-06	Uranium, Total	1.03	J	mg/kg	483304.905	1344092.169
BLST-46	BLST-46^RMS	31-Aug-06	Arsenic	4.1	J	mg/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Barium	13.1	J	mg/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Benzo(a)anthracene	462	J	ug/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Benzo(a)pyrene	421	-	ug/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Benzo(b)fluoranthene	1410	J	ug/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Benzo(g,h,i)perylene	350	-	ug/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Benzo(k)fluoranthene	33.7	U	ug/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Beryllium	0.14	J	mg/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Cadmium	0.1	J	mg/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Chromium	7.5	J	mg/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Chrysene	1080	J	ug/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Dibenzo(a,h)anthracene	33.7	U	ug/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Fluoranthene	1980	-	ug/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Indeno(1,2,3-cd)pyrene	350	J	ug/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Lead	6.3	J	mg/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Lead-210	1.64	U	pCi/g	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Mercury	0.003	J	mg/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Neptunium-237	0.102	U	pCi/g	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Phenanthrene	508	-	ug/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Pyrene	1640	-	ug/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Radium-226	0.159198	-	pCi/g	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Radium-228	0.0697	-	pCi/g	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Selenium	2.5	UJ	mg/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Silver	0.2	U	mg/kg	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Technetium-99	1.85	U	pCi/g	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Thorium-228	0.0723	-	pCi/g	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Thorium-230	0.425	U	pCi/g	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Thorium-232	0.0697	-	pCi/g	482987.562	1344687.733
BLST-46	BLST-46^RMS	31-Aug-06	Uranium, Total	0.702	U	mg/kg	482987.562	1344687.733
BLST-47	BLST-47^RMS	31-Aug-06	Arsenic	1.46	UJ	mg/kg	482850.948	1345192.727

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-47	BLST-47^RMS	31-Aug-06	Barium	4.3	J	mg/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Benzo(a)anthracene	33.6	U	ug/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Benzo(a)pyrene	80.5	J	ug/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Benzo(b)fluoranthene	184	J	ug/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Benzo(g,h,i)perylene	139	-	ug/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Benzo(k)fluoranthene	33.6	U	ug/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Beryllium	0.0975	U	mg/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Cadmium	0.0975	U	mg/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Chromium	4	J	mg/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Chrysene	147	J	ug/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Dibenzo(a,h)anthracene	33.6	U	ug/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Fluoranthene	221	-	ug/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Indeno(1,2,3-cd)pyrene	146	J	ug/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Lead	2.2	J	mg/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Lead-210	2.48	U	pCi/g	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Mercury	0.003	J	mg/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Neptunium-237	0.125	U	pCi/g	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Phenanthrene	73.1	J	ug/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Pyrene	148	-	ug/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Radium-226	0.201318	-	pCi/g	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Radium-228	0.131	-	pCi/g	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Selenium	2.44	UJ	mg/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Silver	0.195	U	mg/kg	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Technetium-99	1.85	U	pCi/g	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Thorium-228	0.13	-	pCi/g	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Thorium-230	0.436	J	pCi/g	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Thorium-232	0.131	-	pCi/g	482850.948	1345192.727
BLST-47	BLST-47^RMS	31-Aug-06	Uranium, Total	0.845	J	mg/kg	482850.948	1345192.727
BLST-48	BLST-48^RMS	31-Aug-06	Arsenic	9.8	J	mg/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Barium	6.5	J	mg/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Benzo(a)anthracene	33.4	U	ug/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Benzo(a)pyrene	33.4	U	ug/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Benzo(b)fluoranthene	76.6	J	ug/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Benzo(g,h,i)perylene	33.4	U	ug/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Benzo(k)fluoranthene	33.4	U	ug/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Beryllium	0.0989	U	mg/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Cadmium	0.17	J	mg/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Chromium	9.9	J	mg/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Chrysene	33.4	U	ug/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Dibenzo(a,h)anthracene	33.4	U	ug/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Fluoranthene	61.3	J	ug/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Indeno(1,2,3-cd)pyrene	33.4	U	ug/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Lead	2.9	J	mg/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Lead-210	4.13	U	pCi/g	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Mercury	0.0023	U	mg/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Neptunium-237	0.168	U	pCi/g	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Phenanthrene	33.4	U	ug/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Pyrene	33.4	U	ug/kg	482191.519	1347666.813

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-48	BLST-48^RMS	31-Aug-06	Radium-226	0.261339	-	pCi/g	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Radium-228	0.146	-	pCi/g	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Selenium	2.47	UJ	mg/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Silver	0.198	U	mg/kg	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Technetium-99	1.76	U	pCi/g	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Thorium-228	0.147	-	pCi/g	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Thorium-230	0.464	J	pCi/g	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Thorium-232	0.146	-	pCi/g	482191.519	1347666.813
BLST-48	BLST-48^RMS	31-Aug-06	Uranium, Total	1.07	U	mg/kg	482191.519	1347666.813
BLST-49	BLST-49^RMS	31-Aug-06	Arsenic	2.8	J	mg/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Barium	7.2	J	mg/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Benzo(a)anthracene	33.5	U	ug/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Benzo(a)pyrene	64.6	J	ug/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Benzo(b)fluoranthene	91.2	J	ug/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Benzo(g,h,i)perylene	33.5	U	ug/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Benzo(k)fluoranthene	33.5	U	ug/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Beryllium	0.0959	U	mg/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Cadmium	0.12	J	mg/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Chromium	5.8	J	mg/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Chrysene	33.5	U	ug/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Dibenzo(a,h)anthracene	33.5	U	ug/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Fluoranthene	65.1	J	ug/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Indeno(1,2,3-cd)pyrene	33.5	U	ug/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Lead	2	J	mg/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Lead-210	1.95	J	pCi/g	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Mercury	0.0025	U	mg/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Neptunium-237	0.249	U	pCi/g	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Phenanthrene	33.5	U	ug/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Pyrene	33.5	U	ug/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Radium-226	0.222378	-	pCi/g	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Radium-228	0.221	-	pCi/g	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Selenium	2.4	UJ	mg/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Silver	0.192	U	mg/kg	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Technetium-99	1.81	U	pCi/g	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Thorium-228	0.224	-	pCi/g	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Thorium-230	0.429	U	pCi/g	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Thorium-232	0.221	-	pCi/g	482247.478	1347898.017
BLST-49	BLST-49^RMS	31-Aug-06	Uranium, Total	1.02	J	mg/kg	482247.478	1347898.017
BLST-50	BLST-50^RMS	31-Aug-06	Arsenic	3.7	J	mg/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Barium	11.2	J	mg/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Benzo(a)anthracene	33.6	U	ug/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Benzo(a)pyrene	33.6	U	ug/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Benzo(b)fluoranthene	78.2	J	ug/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Benzo(g,h,i)perylene	33.6	U	ug/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Benzo(k)fluoranthene	33.6	U	ug/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Beryllium	0.101	J	mg/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Cadmium	0.14	J	mg/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Chromium	1.7	J	mg/kg	482393.39	1348214.774

ATTACHMENT D.3
PRECERTIFICATION DATA OF THE BALLAST

Boring	SampleID	Sample Date	Parameter	Result	Qual	Units	Northing	Easting
BLST-50	BLST-50^RMS	31-Aug-06	Chrysene	33.6	U	ug/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Dibenzo(a,h)anthracene	33.6	U	ug/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Fluoranthene	47.1	J	ug/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Indeno(1,2,3-cd)pyrene	33.6	U	ug/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Lead	2.3	J	mg/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Lead-210	3.05	U	pCi/g	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Mercury	0.0023	U	mg/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Neptunium-237	0.102	U	pCi/g	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Phenanthrene	33.6	U	ug/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Pyrene	33.6	U	ug/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Radium-226	0.245544	-	pCi/g	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Radium-228	0.175	-	pCi/g	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Selenium	2.52	UJ	mg/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Silver	0.202	U	mg/kg	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Technetium-99	1.85	U	pCi/g	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Thorium-228	0.173	-	pCi/g	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Thorium-230	0.454	J	pCi/g	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Thorium-232	0.175	-	pCi/g	482393.39	1348214.774
BLST-50	BLST-50^RMS	31-Aug-06	Uranium, Total	1.15	J	mg/kg	482393.39	1348214.774
BLST-51	BLST-51^RMS	31-Aug-06	Arsenic	11.9	J	mg/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Barium	10.6	J	mg/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Benzo(a)anthracene	33.5	U	ug/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Benzo(a)pyrene	86.8	J	ug/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Benzo(b)fluoranthene	322	J	ug/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Benzo(g,h,i)perylene	142	-	ug/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Benzo(k)fluoranthene	33.5	U	ug/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Beryllium	0.18	-	mg/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Cadmium	0.11	J	mg/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Chromium	6.3	J	mg/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Chrysene	360	J	ug/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Dibenzo(a,h)anthracene	33.5	U	ug/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Fluoranthene	560	-	ug/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Indeno(1,2,3-cd)pyrene	150	J	ug/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Lead	8.8	J	mg/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Lead-210	1.79	U	pCi/g	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Mercury	0.0053	J	mg/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Neptunium-237	0.13	U	pCi/g	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Phenanthrene	209	J	ug/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Pyrene	356	-	ug/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Radium-226	0.259233	-	pCi/g	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Radium-228	0.0859	-	pCi/g	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Selenium	2.43	UJ	mg/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Silver	0.194	U	mg/kg	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Technetium-99	1.92	U	pCi/g	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Thorium-228	0.0906	-	pCi/g	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Thorium-230	2.54	-	pCi/g	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Thorium-232	0.0859	-	pCi/g	482400.887	1348442.883
BLST-51	BLST-51^RMS	31-Aug-06	Uranium, Total	0.622	J	mg/kg	482400.887	1348442.883